

ATTACHMENT C UPDATED NPAG/PAG WASTE ROCK SEGREGATION CRITERIA



Memo

To: Merle Keefe, Mark Ross
From: Lianna Smith
cc: Bill Lytle, Ben Scott
Date: 2 June 2025
Re: NPAG/PAG Segregation Criteria Update

1 Current Segregation Criteria

The segregation criteria for the Goose project that have been implemented were based on the baseline criteria developed in the geochemistry assessment completed by SRK in 2015 and submitted as part of the permitting application (SRK 2015, Sabina 2017).

The site-specific segregation criteria recommended by SRK (2015) and approved as part of the Water Licence issuance are based on the neutralization potential ratio (NPR) or the total sulphur concentration (total S wt%). The NPR is calculated from the ratio of neutralization potential (NP) to acid generating potential (AP) ($NPR = NP/AP$). The NPR or total S wt% is used to classify the mineral waste at Goose as potentially acid generating (PAG) or non-potentially acid generating (NPAG) by the following criteria:

- NPAG: $NPR \geq 3$ OR total S < 0.15 wt%
- PAG: $NPR < 3$ AND total S > 0.15 wt%

The NP determination for these site-specific criteria developed by SRK was the Sobek leach method. The AP calculation for the site-specific criteria developed by SRK was based on total S wt%. Note that to date site has been using the modified Sobek method for NP determinations; the site-specific NPR criteria are based on the Sobek leaching procedure. The modified Sobek leach method produces lower NP values than the Sobek method, resulting in a more conservative (lower) NPR value for a given AP value.

2 Review and Update of Site-Specific Segregation Criteria

As noted in the 2015 geochemistry characterization report (p. 14 of SRK 2015; as Appendix E-3 of Sabina 2017):
“Further refinement of the ARD classification...shows that these classifications are somewhat conservative, suggesting that further refinement can be considered in the future.”

2.1 2015 Geochemistry Assessment

The geochemistry assessment completed by SRK in 2015 was based on data collected by a previous consultant, Rescan, and additional data collected by SRK. Available baseline geochemistry data files included static testing on samples from Echo (n=21), Umwelt (n=184), Llama (n=469), Goose (n=222), and George area (n=192). Acid-base accounting (ABA) testing included:

- NP determinations based on the Sobek method or siderite-corrected Sobek method;
- Total S wt%, sulphide-sulphur concentration, and sulphate-sulphur concentration;
- Total carbon concentration s (total C wt%) and inorganic carbon concentrations; and
- Net acid generation (NAG) tests.

In addition to static tests, kinetic tests using the humidity cell test (HCT) method were conducted on 43 waste rock samples, that were conducted for up to 200 weeks (duration varied by sample). The HCT data were evaluated in conjunction with the static test data in 2015 to develop the site-specific criteria, as is good practice.

2.2 2025 Review

Kinetic testing continued on selected humidity cells to February 2024, with some HCTs providing 400+ weeks of kinetic data. This duration is well beyond the kinetic testing duration of most programs, but is valuable for providing an indication of geochemical evolution of the waste rock samples under subaerial weathering conditions. All available data from the 43 HCTs for waste rock were evaluated. HCT cells contained samples from George (n=14), Goose (n=8), Llama (n=13), and Umwelt (n=8).

A summary of ABA results and HCT characteristics are provided in Table 1, with the full dataset provided as Appendix A, and provided as a .xlsx file. No additional static testing was conducted; the ABA and static data used were the same as those presented in in Sabina (2017, SRK 2015 as Appendix E-3).



Table 1: Summary of ABA tests from SRK 2015, and acid-generating conditions of HCTs from extended HCT dataset. Dark red font identifies samples that are identified as non-potentially acid generating by the 2015 samples, but produced acidic leachate during the extended HCT testing.

HCT sample ID	Humidity Cell	Deposit	Lithology	Weeks of HCT	Total S (wt%)	Sulphide S (wt%)	Total C (wt%)	Carbonate C (wt%)	Sobek NP	Total S AP	Sobek NP/ TotS AP	NAG pH	HCT Lowest Rolling pH
BR01-5	HC-05	Goose Main	Felsic Dike	82	0.02	0.01	0.08	0.03	13.4	0.6	21.44	7.2	7.5
BR01-6	HC-06	Goose Main	Gabbro	82	0.17	0.1	0.15	0.4	41.8	5.3	7.87	9.9	7.7
BR01-7	HC-07	Goose Main	Gabbro	83	0.08	0.07	0.08	0.03	16.3	2.5	6.52	9.1	7.8
BR01-8	HC-08	Goose Main	Gabbro	160	0.34	0.33	0.06	0.03	32	10.6	3.01	7.8	7.6
BR01-1	HC-01	Goose Main	Greywacke	124	0.46	0.45	0.25	0.13	27.9	14.4	1.94	3.6	7.3
BR01-2	HC-02	Goose Main	Greywacke	82	0.28	0.27	0.29	0.23	33.5	8.8	3.83	9.8	7.6
BR01-3	HC-03	Goose Main	Mudstone	408	0.7	0.6	1.06	0.13	20	21.9	0.91	6.5	6.8
BR01-4	HC-04	Goose Main	Mudstone	82	0.09	0.08	0.27	0.03	15.9	2.8	5.65	6.8	6.4
BR03-6	HC-14	Umwelt	Felsic Dike	224	0.22	0.21	0.06	0.01	9.6	6.9	1.40	3.3	3.9
BR03-8	HC-16	Umwelt	Gabbro	408	0.14	0.13	0.02	0.01	16.4	4.4	3.75	6.6	6.1
BR03-1	HC-09	Umwelt	Greywacke	82	0.17	0.16	0.12	0.04	29.3	5.3	5.52	8.4	7.6
BR03-2	HC-10	Umwelt	Greywacke	126	3.81	3.8	0.06	0.01	22.2	119.1	0.19	2.3	3.3
LF5508	HC-45	Umwelt	Greywacke	83	0.29	0.21	0.16	0.11	49	9.1	5.41		7.9
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	573	0.11	0.08	0.03	0.02	17.2	3.4	5.00	7.8	6.2
BR03-3	HC-11	Umwelt	Iron Formation	408	0.66	0.65	1.22	0.14	48.5	20.6	2.35	3.8	7.1
BR03-4	HC-12	Umwelt	Mudstone	82	0.8	0.53	0.95	0.11	29.3	25.0	1.17	3.6	7.6
BR03-5	HC-13	Umwelt	Mudstone	82	0.12	0.11	0.44	0.18	38.4	3.8	10.24	10.5	7.6
BR02-8	HC-24	Llama	Felsic Dike	79	0.07	0.06	0.02	0.01	12	2.2	5.49	6.7	6.3
BR02-9	HC-25	Llama	Felsic Dike	319	0.06	0.05	0.03	0.01	7	1.9	3.73	7.6	4.8
BR02-10	HC-26	Llama	Gabbro	575	0.15	0.14	0.05	0.03	10.5	4.7	2.24	8.5	7.1
BR02-11	HC-27	Llama	Gabbro	79	0.12	0.11	0.09	0.04	17.8	3.8	4.75	9.1	7.8
BR02-1	HC-17	Llama	Greywacke	320	0.25	0.24	0.04	0.01	6.8	7.8	0.87	3.5	3.8
BR02-2	HC-18	Llama	Greywacke	79	0.13	0.08	0.19	0.01	13.8	4.1	3.40	7.2	5.5
BR02-3	HC-19	Llama	Greywacke	403	0.14	0.11	0.1	0.01	12.5	4.4	2.86	6.8	4.7
LF5503	HC-40	Llama	Greywacke	83	0.25	0.24	0.04	0.03	11.5	7.8	1.47		7.4
BR02-6	HC-22	Llama	Greywacke/Mudstone	183	0.09	0	0.17	0.01	11.5	2.8	4.09	7.4	4.5
BR02-4	HC-20	Llama	Iron Formation (ore)	183	2.55	2.54	0.2	0.05	14.8	79.7	0.19	2.4	3.3
LF5504	HC-41	Llama	Iron Formation (ore)	307	0.37	0.35	0.1	0.01	15.3	11.6	1.32		3.8
BR02-5	HC-21	Llama	Mudstone	123	0.14	0.13	0.16	0.01	16.9	4.4	3.86	6.4	4.5
BR02-7	HC-23	Llama	Mudstone	123	0.36	0.35	0.81	0.01	4.3	11.3	0.38	3.5	4.0
BR06-01	HC-35	George (LCP North)	Greywacke	84	0.02	0.01	0.06	0.02	17	0.6	27.20	7.7	7.6
BR06-02	HC-36	George (LCP North)	Greywacke	280	0.37	0.36	0.04	0.035	11.3	11.6	0.98	3.2	3.8
	HC-43	George (LCP North)	Greywacke	219	0.17	0.16	0.02	0.01	6.8	5.3	1.28		4.1
BR05-01	HC-33	George (Locale 1)	Greywacke	57	1	0.97	0.12	0.04	12.8	31.3	0.41	2.9	7.5
	HC-44	George (Locale 2)	Greywacke	218	0.19	0.18	0.13	0.03	12.5	5.9	2.11		7.3
BR04-01	HC-30	George (Locale 2)	Greywacke (ore)	42	7.85	7.8	0.51	0.45	55	245.3	0.22	2.1	7.2
BR05-02	HC-34	George (Locale 1)	Iron Formation (ore)	57	1.31	1.24	0.71	0.64	52.5	40.9	1.28	3.8	7.3
BR06-04	HC-37	George (LCP North)	Iron Formation (ore)	57	10.68	10.66	0.23	0.25	26.3	333.8	0.08	2.3	7
BR04-02	HC-31	George (Locale 2)	Iron Formation (ore)	57	6.28	6.25	0.02	0.01	10	196.3	0.05	2.1	3.8
	HC-46	George (Locale 2)	Iron Formation (ore)	83	0.4	0.38	0.14	0.1	30	12.5	2.40		7.8
BR06-04	HC-38	George (LCP North)	Mudstone	58	2.34	2.31	0.2	0.01	7.5	73.1	0.10	2.3	3.6
	HC-42	George (LCP North)	Mudstone	309	0.19	0.11	0.56	0.01	9.3	5.9	1.57		4.5
BR04-03	HC-32	George (Locale 2)	Mudstone	368	1.12	1.08	0.72	0.08	11.3	35.0	0.32	2.9	4.0

An evaluation of the extended HCT data as part of the 2025 review identified several samples (n=13) with acid-generating characteristics that were discordant with the NPAG or PAG designations based on the segregation criteria proposed in the 2015 geochemistry baseline report (i.e., NPAG if NPR >=3 or total S <=0.15 wt% S, where NP was determined by the Sobek method). The 2015 segregation criteria identified n=6 samples as PAG but the samples did not generate acid during the HCTs. All six of these HCTs were terminated before week 80 and the trends suggest that these samples were still in the lag phase, i.e., if the tests had continued its likely they would have generated acid. In addition, classifying these samples as PAG, with leachate that did not become acidic is a conservative approach, i.e., does not contribute to geochemical risk.

However, n=5 samples were classified as NPAG, but generated acid (indicated in dark red font in Table 1). All five samples that were classified as NPAG by the 2015 criteria but illustrated acid-generating behaviour in the extended HCT data set were samples from the Llama deposit: n=1 samples of felsic dike (samples HC-25) , n=3 samples of greywacke (samples HC-18, HC-19 and HC-22) and n=1 sample of mudstone (HC-21); an additional felsic dike sample from Llama (HC-24) that was classified as NPAG had a downward-trending pH at the time the test was terminated. Verification of Llama waste rock geochemical behaviour with additional static and kinetic testing and/or deposit-specific characteristics for the Llama deposit would be appropriate to inform if Llama waste rock has different characteristics to the other deposits that may be affecting the ABA testing results and/or the geochemical evolution during the kinetic testing.

Evaluating the static test results together with the extended HCT results for the Goose, Umwelt and George deposits indicated criteria that captures geochemical risk, based on the extended HCT dataset and baseline dataset are:

- NPAG: NPR >=2 or total S <=0.08 wt%
- PAG: NPR <2 and total S > 0.08 wt%

Where NP is determined by the Sobek method and total S is determined using an induction furnace (i.e., Eltra or Leco).



The total S component of the criteria does not compromise PAG designations; the static and extended kinetic data illustrated that all samples with total S ≤ 0.08 wt% did not generate acidic leachate in the HCT testing duration. Including a total S component to the segregation criteria improves characterisation efficiency and reliability.

3 Recommendations

1. Update the segregation criteria to be deposit specific.
2. Implement the deposit-specific criteria for **Umwelt** and **Goose** deposits of:
 - NPAG: NPR ≥ 2 or total S ≤ 0.08 wt%
 - PAG: NPR < 2 and total S > 0.08 wt%Where NP is determined by the Sobek method.
3. Conduct additional data review and test work (static and kinetic) for the **Llama** deposit to determine appropriate deposit-specific criteria. Testing should include:
 - Standard acid-base accounting static testing (including Sobek NP, total C, carbonate C, total S, sulphide S) on additional samples, as possible. Samples should be analysed by the site lab, with $\sim 10\%$ duplicates submitted to an external lab.
 - HCTs following ASTM D5744-18, with samples selected from existing or extended static test databases.

4 References

Sabina. 2017. Revised Type A Water Licence Application for Sabina Gold & Silver Corp. Back River Project. Submitted to the Nunavut Water Board. October 4, 2017.

SRK 2015. Geochemical Characterization in Support of the Final Environmental Impact Statement (FEIS) for the Back River Project, Nunavut. Prepared for Sabina Gold & Silver Corp. 1CS020.008. November 2015. As Appendix E-3 of Sabina 2017.



Appendix A: Humidity Cell Test Results with Selected Static Test Results

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	0	25-Dec-12	750	560	9.43	260
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	1	01-Jan-13	500	450	9.11	157
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	2	08-Jan-13	500	485	9.00	113
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	3	15-Jan-13	500	470	8.57	94.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	4	22-Jan-13	500	460	8.05	75.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	5	29-Jan-13	500	460	8.20	61.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	6	05-Feb-13	500	485	7.84	57.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	7	12-Feb-13	500	460	8.17	65.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	8	19-Feb-13	500	465	8.01	53.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	9	26-Feb-13	500	460	7.87	50.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	10	05-Mar-13	500	465	7.82	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	11	12-Mar-13	500	495	7.81	43.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	12	19-Mar-13	500	480	7.92	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	13	26-Mar-13	500	460	7.79	46.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	14	02-Apr-13	500	485	7.80	41.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	15	09-Apr-13	500	485	7.86	41.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	16	16-Apr-13	500	470	7.84	45.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	17	23-Apr-13	500	495	7.81	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	18	30-Apr-13	500	465	7.83	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	19	07-May-13	500	470	7.78	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	20	14-May-13	500	490	7.80	45.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	21	21-May-13	500	490		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	22	28-May-13	500	445	7.87	59.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	23	04-Jun-13	500	490		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	24	11-Jun-13	500	475	7.77	51.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	25	18-Jun-13	500	470		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	26	25-Jun-13	500	475	7.79	54.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	27	02-Jul-13	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	28	09-Jul-13	500	485	7.76	51.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	29	16-Jul-13	500	485		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	30	23-Jul-13	500	470	7.74	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	31	30-Jul-13	500	490		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	32	06-Aug-13	500	490	7.74	46.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	33	13-Aug-13	500	460		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	34	20-Aug-13	500	480	7.78	50.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	35	27-Aug-13	500	470		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	36	03-Sep-13	500	470	7.62	45.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	37	10-Sep-13	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	38	17-Sep-13	500	470	7.68	48.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	39	24-Sep-13	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	40	01-Oct-13	500	460	7.67	46.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	41	08-Oct-13	500	470		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	42	15-Oct-13	500	485	7.68	39.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	43	22-Oct-13	500	450		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	44	29-Oct-13	500	485	7.56	30.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	45	05-Nov-13	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	46	12-Nov-13	500	465	7.48	41.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	47	19-Nov-13	500	495		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	48	26-Nov-13	500	465	7.59	44.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	49	03-Dec-13	500	485		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	50	10-Dec-13	500	465	7.72	42.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-5	HC-05	100	6.8	<0.5	<0.5	102.4	0.61	0.165	10.2	<2	<0.5			4.1	0.343	0.00066	0.00596
BR01-5	HC-05	90.0	7.6	<0.5	<0.5	61.7	0.44	0.029	2.7	<2	<0.5			5.4	0.631	0.00124	0.0194
BR01-5	HC-05	100	5.0	<0.5	<0.5	47.4	0.20	<0.01	0.9	<2	<0.5			8.1	0.377	0.00052	0.0103
BR01-5	HC-05	110	4.5	<0.5	<0.5	42.1	0.11	<0.01	0.5	<2	<0.5			13.8	0.273	0.00033	0.00656
BR01-5	HC-05	130	3.2	<0.5	0.8	33.9	0.10	<0.01	<0.5	<0.02	<0.005			14.1	0.240	0.00026	0.00470
BR01-5	HC-05	140	2.5	<0.5	<0.5	28.0	0.08	<0.01	0.7					12.8	0.242	0.00020	0.00403
BR01-5	HC-05	130	2.8	<0.5	<0.5	32.2	0.07	<0.01	0.9					3.1	0.161	0.00015	0.00307
BR01-5	HC-05	125	2.3	<0.5	<0.5	31.5	0.07	<0.01	<0.5					16.8	0.432	0.00015	0.00372
BR01-5	HC-05	120	1.7	<0.5	<0.5	27.6	0.05	<0.01	0.6					16.9	0.344	0.00012	0.00266
BR01-5	HC-05	130	1.7	<0.5	<0.5	26.7	<0.05	<0.01	0.8					16.2	0.288	0.00010	0.00215
BR01-5	HC-05	130	1.6	<0.5	<0.5	25.2	<0.05	<0.01	0.6					15.9	0.237	0.00009	0.00169
BR01-5	HC-05	140	1.8	<0.5	<0.5	22.6	<0.05	<0.01	0.8					14.5	0.277	0.00008	0.00156
BR01-5	HC-05	130	1.8	<0.5	<0.5	23.7	<0.05	<0.01	<0.5					16.0	0.322	0.00008	0.00188
BR01-5	HC-05	120	2.1	<0.5	<0.5	26.9	<0.05	<0.01	<0.5					17.7	0.288	0.00008	0.00192
BR01-5	HC-05	120	1.8	<0.5	0.5	18.2	<0.05	<0.01	0.7					13.9	0.227	0.00007	0.00152
BR01-5	HC-05	135	1.9	<0.5	<0.5	17.7	<0.05	<0.01	0.8					14.5	0.309	0.00007	0.00175
BR01-5	HC-05	130	1.9	<0.5	<0.5	22.0	<0.05	<0.01	0.7					14.7	0.293	0.00007	0.00217
BR01-5	HC-05	150	2.6	<0.5	<0.5	21.7	<0.05	<0.01	<0.5					15.3	0.302	0.00006	0.00338
BR01-5	HC-05	120	3.1	<0.5	<0.5	17.9	<0.05	<0.01	<0.5					16.1	0.177	0.00007	0.00643
BR01-5	HC-05	120	3.8	<0.5	0.5	21.7	<0.05	<0.01	<0.5					16.7	0.301	0.00008	0.0125
BR01-5	HC-05	115	4.2	<0.5	<0.5	18.0	<0.05	<0.01	<0.5					16.3	0.337	0.00007	0.0182
BR01-5	HC-05																
BR01-5	HC-05	125	5.7	<0.5	<0.5	23.1	<0.05	<0.01	0.7					20.3	0.311	0.00008	0.0370
BR01-5	HC-05																
BR01-5	HC-05	120	4.5	<0.5	<0.5	20.4	<0.05	<0.01	<0.5					19.1	0.243	0.00006	0.0365
BR01-5	HC-05																
BR01-5	HC-05	130	4.2	<0.5	<0.5	21.7	<0.05	<0.01	<0.5					19.9	0.281	0.00006	0.0539
BR01-5	HC-05																
BR01-5	HC-05	150	6.8	<0.5	1.4	20.0	<0.05	<0.01	<0.5					18.3	0.273	0.00005	0.0514
BR01-5	HC-05																
BR01-5	HC-05	130	6.2	<0.5	0.8	16.2	<0.05	<0.01	<0.5					18.1	0.232	0.00005	0.0480
BR01-5	HC-05																
BR01-5	HC-05	145	6.0	<0.5	1.0	13.8	<0.05	<0.01	<0.5					16.8	0.214	0.00005	0.0505
BR01-5	HC-05																
BR01-5	HC-05	130	6.0	<0.5	<0.5	17.2	<0.05	<0.01	<0.5					17.2	0.266	0.00006	0.0686
BR01-5	HC-05																
BR01-5	HC-05	145	4.7	<0.5	<0.5	15.2	<0.05	<0.01	0.5					15.9	0.151	0.00004	0.0349
BR01-5	HC-05																
BR01-5	HC-05	140	5.8	<0.5	<0.5	16.9	<0.05	<0.01	<0.5					18.2	0.268	0.00005	0.0701
BR01-5	HC-05																
BR01-5	HC-05	135	4.8	<0.5	1.7	17.5	<0.05	<0.01	<0.5					17.6	0.223	0.00005	0.0706
BR01-5	HC-05																
BR01-5	HC-05	130	4.9	<0.5	<0.5	15.5	<0.05	<0.01	<0.5					16.9	0.242	0.00004	0.0669
BR01-5	HC-05																
BR01-5	HC-05	130	4.6	<0.5	<0.5	13.7	<0.05	<0.01	<0.5					15.3	0.253	0.00004	0.0444
BR01-5	HC-05																
BR01-5	HC-05	140	4.7	<0.5	0.6	14.2	<0.05	<0.01	<0.5					16.4	0.178	0.00005	0.0467
BR01-5	HC-05																
BR01-5	HC-05	140	7.4	<0.5	<0.5	14.8	<0.05	<0.01	<0.5					17.5	0.200	0.00005	0.0713
BR01-5	HC-05																
BR01-5	HC-05	135	5.2	<0.5	<0.5	13.5	<0.05	<0.01	<0.5					16.3	0.318	0.00005	0.0716

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-5	HC-05	0.00537	<0.00001	<0.000005	0.05	0.00062	0.000012	0.99	0.0001	0.000049	0.00202	0.00009	0.152	0.000464	0.0088	0.38
BR01-5	HC-05	0.0173	0.00002	<0.000005	0.05	0.00033	<0.000005	1.38	0.0001	0.000131	0.00057	0.00013	0.241	0.000549	0.0082	0.46
BR01-5	HC-05	0.00394	<0.00001	<0.000005	<0.05	0.00040	<0.000005	2.14	0.0001	0.000026	0.00033	<0.00005	0.071	0.000178	0.0076	0.67
BR01-5	HC-05	0.00270	<0.00001	<0.000005	<0.05	0.00033	<0.000005	3.66	0.0001	0.000015	0.00025	<0.00005	0.014	0.000059	0.0089	1.14
BR01-5	HC-05	0.00250	<0.00001	<0.000005	<0.05	0.00032	<0.000005	3.79	<0.0001	0.000017	0.00013	<0.00005	0.016	0.000054	0.0065	1.12
BR01-5	HC-05	0.00191	<0.00001	<0.000005	<0.05	0.00021	<0.000005	3.47	<0.0001	0.000012	0.00045	<0.00005	0.016	0.000044	0.0053	1.01
BR01-5	HC-05	0.00250	<0.00001	<0.000005	<0.05	0.00020	<0.000005	4.26	0.0002	<0.000005	0.00028	<0.00005	0.015	0.000059	0.0033	1.11
BR01-5	HC-05	0.00335	<0.00001	<0.000005	<0.05	0.00024	<0.000005	4.63	<0.0001	<0.000005	0.00013	<0.00005	0.050	0.000104	0.0057	1.27
BR01-5	HC-05	0.00208	<0.00001	<0.000005	<0.05	0.00020	<0.000005	4.85	<0.0001	0.000005	0.00007	<0.00005	0.022	0.000101	0.0048	1.16
BR01-5	HC-05	0.00274	<0.00001	<0.000005	<0.05	0.00017	<0.000005	4.50	0.0001	<0.000005	0.00022	<0.00005	0.028	0.000062	0.0044	1.21
BR01-5	HC-05	0.00192	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.50	<0.0001	<0.000005	0.00013	<0.00005	0.017	0.000041	0.0037	1.13
BR01-5	HC-05	0.00195	<0.00001	<0.000005	<0.05	0.00011	<0.000005	4.03	<0.0001	0.000014	0.00029	<0.00005	0.021	0.000058	0.0033	1.08
BR01-5	HC-05	0.00385	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.51	0.0001	0.000010	0.00014	<0.00005	0.030	0.000071	0.0036	1.15
BR01-5	HC-05	0.00278	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.92	0.0001	<0.000005	0.00010	<0.00005	0.022	0.000049	0.0037	1.31
BR01-5	HC-05	0.00151	<0.00001	<0.000005	<0.05	0.00012	<0.000005	3.87	<0.0001	0.000005	0.00008	<0.00005	0.014	0.000246	0.0030	1.03
BR01-5	HC-05	0.00190	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.15	<0.0001	0.000014	0.00048	<0.00005	0.020	0.000060	0.0029	1.01
BR01-5	HC-05	0.00170	<0.00001	<0.000005	<0.05	0.00011	<0.000005	4.10	<0.0001	0.000008	0.00022	<0.00005	0.014	0.000065	0.0028	1.09
BR01-5	HC-05	0.00485	<0.00001	<0.000005	<0.05	0.00011	<0.000005	4.17	<0.0001	0.000019	<0.00005	<0.00005	0.019	0.000071	0.0025	1.18
BR01-5	HC-05	0.00246	<0.00001	<0.000005	<0.05	0.00010	<0.000005	4.61	<0.0001	0.000012	0.00012	<0.00005	0.040	0.000067	0.0029	1.12
BR01-5	HC-05	0.00210	<0.00001	<0.000005	<0.05	0.00010	<0.000005	4.73	<0.0001	0.000008	0.00007	<0.00005	0.018	0.000345	0.0031	1.19
BR01-5	HC-05	0.00208	<0.00001	<0.000005	<0.05	0.00011	<0.000005	4.47	<0.0001	0.000021	0.00021	<0.00005	0.036	0.000086	0.0027	1.25
BR01-5	HC-05															
BR01-5	HC-05	0.00218	<0.00001	<0.000005	<0.05	0.00011	<0.000005	5.77	<0.0001	0.000005	<0.00005	<0.00005	0.013	0.000059	0.0031	1.44
BR01-5	HC-05															
BR01-5	HC-05	0.00198	<0.00001	<0.000005	<0.05	0.00009	<0.000005	5.36	<0.0001	0.000011	0.00006	<0.00005	0.013	0.000112	0.0023	1.38
BR01-5	HC-05															
BR01-5	HC-05	0.00259	<0.00001	<0.000005	<0.05	0.00010	<0.000005	5.62	0.0003	<0.000005	0.00011	<0.00005	0.028	0.000078	0.0024	1.42
BR01-5	HC-05															
BR01-5	HC-05	0.00194	<0.00001	<0.000005	<0.05	0.00009	<0.000005	5.22	0.0002	0.000005	0.00013	<0.00005	0.019	0.000068	0.0021	1.27
BR01-5	HC-05															
BR01-5	HC-05	0.00187	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.95	0.0001	0.000009	0.00006	<0.00005	0.015	0.000052	0.0020	1.38
BR01-5	HC-05															
BR01-5	HC-05	0.00198	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.58	<0.0001	<0.000005	<0.00005	<0.00005	0.005	0.000046	0.0017	1.31
BR01-5	HC-05															
BR01-5	HC-05	0.00186	<0.00001	<0.000005	<0.05	0.00008	<0.000005	4.58	<0.0001	0.000008	0.00005	<0.00005	0.010	0.000055	0.0021	1.40
BR01-5	HC-05															
BR01-5	HC-05	0.00168	<0.00001	<0.000005	<0.05	0.00006	<0.000005	4.26	<0.0001	<0.000005	0.00015	<0.00005	0.010	0.000055	0.0012	1.29
BR01-5	HC-05															
BR01-5	HC-05	0.00187	<0.00001	<0.000005	<0.05	0.00008	<0.000005	4.99	<0.0001	0.000005	0.00102	<0.00005	0.010	0.000052	0.0019	1.39
BR01-5	HC-05															
BR01-5	HC-05	0.00187	<0.00001	<0.000005	<0.05	0.00007	0.000005	4.64	<0.0001	<0.000005	0.00101	<0.00005	0.010	0.000119	0.0016	1.45
BR01-5	HC-05															
BR01-5	HC-05	0.00180	<0.00001	<0.000005	<0.05	0.00006	<0.000005	4.57	<0.0001	0.000005	0.00008	<0.00005	0.011	0.000065	0.0013	1.33
BR01-5	HC-05															
BR01-5	HC-05	0.00142	<0.00001	<0.000005	<0.05	0.00007	<0.000005	3.99	<0.0001	0.000009	<0.00005	<0.00005	0.009	0.000050	0.0017	1.29
BR01-5	HC-05															
BR01-5	HC-05	0.00169	<0.00001	<0.000005	<0.05	0.00006	<0.000005	4.32	<0.0001	0.000010	0.00006	<0.00005	0.010	0.000067	0.0006	1.37
BR01-5	HC-05															
BR01-5	HC-05	0.00146	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.71	0.0003	0.000011	0.00183	<0.00005	0.010	0.000030	0.0013	1.40
BR01-5	HC-05															
BR01-5	HC-05	0.00145	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.37	<0.0001	<0.000005	0.00010	<0.00005	0.006	0.000066	0.0013	1.30

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-5	HC-05	0.00199	<0.00001	0.105	0.01330	0.00513	19.00	0.01970	0.00013	9.9	<0.000005	43.20	0.00686	<10	<0.00002	0.000006
BR01-5	HC-05	0.00186	<0.00001	0.049	0.01200	0.00146	14.90	0.01430	0.00170	6.3	<0.000005	20.20	0.01080	<10	<0.00002	0.000007
BR01-5	HC-05	0.00110	<0.00001	0.026	0.00307	0.00058	14.50	0.01450	0.00012	4.9	<0.000005	10.80	0.00877	<10	<0.00002	0.000004
BR01-5	HC-05	0.00110	<0.00001	0.010	0.00131	0.00030	12.70	0.01310	0.00006	4.3	<0.000005	6.98	0.01250	<10	<0.00002	0.000002
BR01-5	HC-05	0.00111	<0.00001	0.010	0.00099	0.00023	10.20	0.01070	<0.00004	3.6	<0.000005	4.52	0.01190	<10	<0.00002	0.000003
BR01-5	HC-05	0.00142	<0.00001	0.017	0.00067	0.00019	7.62	0.00834	<0.00004	2.9	<0.000005	2.87	0.01000	<10	<0.00002	0.000003
BR01-5	HC-05	0.00017	<0.00001	<0.002	0.00055	0.00016	7.68	0.00798	<0.00004	2.9	<0.000005	2.55	0.01150	<10	<0.00002	0.000003
BR01-5	HC-05	0.00112	<0.00001	0.007	0.00060	0.00021	7.92	0.00781	<0.00004	3.8	<0.000005	2.53	0.01230	<10	<0.00002	0.000004
BR01-5	HC-05	0.00094	<0.00001	0.007	0.00058	0.00013	5.77	0.00632	<0.00004	4.0	<0.000005	1.80	0.01090	<10	<0.00002	0.000003
BR01-5	HC-05	0.00093	0.00002	0.010	0.00057	0.00010	5.56	0.00601	<0.00004	2.6	<0.000005	1.61	0.01130	<10	<0.00002	<0.000002
BR01-5	HC-05	0.00068	<0.00001	<0.002	0.00049	0.00008	4.50	0.00505	<0.00004	2.4	<0.000005	1.32	0.01000	<10	<0.00002	0.000002
BR01-5	HC-05	0.00063	<0.00001	0.007	0.00044	0.00013	4.02	0.00444	<0.00004	2.5	<0.000005	1.19	0.00911	<10	<0.00002	0.000002
BR01-5	HC-05	0.00086	<0.00001	0.005	0.00041	0.00009	4.32	0.00496	<0.00004	2.7	<0.000005	1.27	0.00977	<10	<0.00002	0.000004
BR01-5	HC-05	0.00064	<0.00001	<0.002	0.00045	0.00003	4.40	0.00515	<0.00004	2.9	<0.000005	1.27	0.01100	<10	<0.00002	<0.000002
BR01-5	HC-05	0.00057	<0.00001	0.002	0.00046	0.00007	3.40	0.00382	<0.00004	2.1	<0.000005	0.93	0.00844	<10	<0.00002	0.000003
BR01-5	HC-05	0.00065	<0.00001	<0.002	0.00046	0.00010	3.66	0.00426	<0.00004	2.3	<0.000005	0.91	0.00900	<10	<0.00002	0.000002
BR01-5	HC-05	0.00049	<0.00001	<0.002	0.00048	0.00003	3.51	0.00387	<0.00004	2.5	<0.000005	0.91	0.00896	<10	<0.00002	<0.000002
BR01-5	HC-05	0.00049	<0.00001	0.003	0.00051	0.00018	3.43	0.00389	<0.00004	2.4	<0.000005	0.93	0.01020	<10	<0.00002	0.000003
BR01-5	HC-05	0.00065	0.00001	0.005	0.00056	0.00016	3.16	0.00403	<0.00004	2.7	<0.000005	0.81	0.00922	<10	<0.00002	<0.000002
BR01-5	HC-05	0.00036	<0.00001	0.002	0.00071	0.00011	3.53	0.00415	<0.00004	2.6	<0.000005	0.88	0.01020	<10	<0.00002	<0.000002
BR01-5	HC-05	0.00083	0.00001	0.007	0.00070	0.00044	3.25	0.00423	<0.00004	2.7	<0.000005	0.83	0.00960	<10	<0.00002	<0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00027	<0.00001	0.003	0.00105	0.00008	3.76	0.00430	<0.00004	3.1	<0.000005	0.92	0.01170	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00044	<0.00001	<0.002	0.00092	0.00010	2.95	0.00372	<0.00004	2.6	<0.000005	0.68	0.01060	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00033	<0.00001	0.020	0.00089	0.00017	3.19	0.00363	<0.00004	3.3	<0.000005	0.78	0.01050	<10	<0.00002	0.000006
BR01-5	HC-05															
BR01-5	HC-05	0.00031	0.00001	0.006	0.00095	0.00017	2.78	0.00340	<0.00004	3.3	<0.000005	0.63	0.00949	<10	<0.00002	0.000004
BR01-5	HC-05															
BR01-5	HC-05	0.00033	<0.00001	0.004	0.00101	0.00018	2.51	0.00300	<0.00004	2.7	<0.000005	0.59	0.00933	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00031	0.00011	0.004	0.00099	0.00007	2.26	0.00317	<0.00004	2.5	<0.000005	0.52	0.00913	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00034	<0.00001	0.003	0.00101	0.00005	2.74	0.00332	<0.00004	2.5	<0.000005	0.59	0.00937	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00027	<0.00001	0.010	0.00096	0.00011	2.17	0.00265	<0.00004	1.9	<0.000005	0.44	0.00777	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00025	<0.00001	0.008	0.00094	0.00007	2.44	0.00322	<0.00004	3.1	<0.000005	0.57	0.00913	<10	<0.00002	0.000004
BR01-5	HC-05															
BR01-5	HC-05	0.00022	<0.00001	0.003	0.00109	0.00008	2.43	0.00309	<0.00004	2.9	<0.000005	0.53	0.00873	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00022	<0.00001	<0.002	0.00089	0.00015	2.33	0.00263	<0.00004	3.1	<0.000005	0.49	0.00777	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00027	<0.00001	<0.002	0.00096	0.00009	1.61	0.00261	<0.00004	2.3	<0.000005	0.36	0.00790	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00035	<0.00001	0.006	0.00108	0.00036	1.81	0.00257	<0.00004	2.3	<0.000005	0.40	0.00860	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00030	<0.00001	0.011	0.00107	0.00057	2.10	0.00279	<0.00004	3.1	<0.000005	0.45	0.00783	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00023	<0.00001	0.009	0.00114	0.00006	1.97	0.00266	<0.00004	3.2	<0.000005	0.42	0.00735	<10	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-5	HC-05	0.000023	0.0006	0.0012	0.00247	0.000326	0.0019	0.0025	0.0003	0.003				2.51	2.49	0.38
BR01-5	HC-05	0.000030	0.0003	0.0026	0.00190	0.002240	0.0025	0.0014	0.0005	<0.002				1.49	1.44	1.74
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00095	0.005280	0.0014	0.0004	<0.0001	<0.002				1.09	1.05	2.01
BR01-5	HC-05	<0.000005	0.0003	<0.0005	0.00054	0.007030	0.0008	0.0003	<0.0001	<0.002				0.96	0.94	1.11
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00044	0.007330	0.0009	0.0002	<0.0001	0.003				0.75	0.77	-0.99
BR01-5	HC-05	<0.000005	0.0001	<0.0005	0.00031	0.006440	0.0007	0.0008	<0.0001	<0.002				0.64	0.60	2.74
BR01-5	HC-05	<0.000005	0.0004	<0.0005	0.00026	0.004770	0.0007	0.0003	<0.0001	0.002				0.73	0.63	7.47
BR01-5	HC-05	0.000005	0.0001	0.0006	0.00022	0.006170	0.0008	0.0003	<0.0001	<0.002				0.68	0.70	-1.23
BR01-5	HC-05	<0.000005	0.0002	0.0005	0.00020	0.004640	0.0005	0.0004	<0.0001	<0.002				0.61	0.60	0.50
BR01-5	HC-05	<0.000005	0.0003	0.0005	0.00016	0.003600	0.0003	0.0002	<0.0001	<0.002				0.59	0.57	1.81
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00015	0.002780	0.0003	0.0005	<0.0001	<0.002				0.55	0.52	3.45
BR01-5	HC-05	0.000006	0.0002	<0.0005	0.00013	0.002490	0.0005	0.0002	<0.0001	<0.002				0.51	0.48	3.64
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00018	0.002640	0.0004	0.0010	<0.0001	<0.002				0.51	0.52	-1.06
BR01-5	HC-05	<0.000005	0.0001	0.0005	0.00017	0.002540	<0.0002	0.0002	0.0001	<0.002				0.58	0.55	2.38
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00013	0.001750	0.0004	0.0002	<0.0001	<0.002				0.42	0.43	-1.29
BR01-5	HC-05	<0.000005	0.0008	<0.0005	0.00011	0.001850	0.0003	0.0003	<0.0001	<0.002				0.41	0.46	-5.05
BR01-5	HC-05	<0.000005	0.0004	<0.0005	0.00010	0.001590	0.0003	0.0004	<0.0001	<0.002				0.50	0.46	4.50
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00011	0.001250	0.0004	0.0004	<0.0001	<0.002				0.49	0.47	2.19
BR01-5	HC-05	<0.000005	0.0003	<0.0005	0.00009	0.001370	0.0003	<0.0001	<0.0001	<0.002				0.42	0.46	-4.20
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00011	0.001230	0.0011	0.0008	<0.0001	<0.002				0.51	0.50	1.49
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00010	0.001040	<0.0002	0.0012	<0.0001	<0.002				0.45	0.48	-3.87
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00011	0.001110	0.0003	<0.0001	<0.0001	0.002				0.60	0.58	2.04
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00009	0.000712	<0.0002	0.0001	<0.0001	<0.002				0.50	0.51	-1.18
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0006	<0.0005	0.00009	0.000725	0.0006	0.0008	<0.0001	<0.002				0.52	0.55	-2.25
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0005	<0.0005	0.00009	0.000625	<0.0002	<0.0001	<0.0001	<0.002				0.54	0.50	4.62
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0004	<0.0005	0.00009	0.000529	0.0004	0.0001	<0.0001	<0.002				0.45	0.48	-2.58
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00009	0.000405	<0.0002	0.0002	<0.0001	<0.002				0.40	0.44	-4.88
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00008	0.000379	0.0002	0.0001	<0.0001	<0.002				0.47	0.47	0.00
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0004	<0.0005	0.00008	0.000264	<0.0002	0.0008	<0.0001	<0.002				0.42	0.41	0.85
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00007	0.000315	<0.0002	0.0006	<0.0001	<0.002				0.46	0.48	-2.45
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00008	0.000300	<0.0002	0.0006	<0.0001	<0.002				0.45	0.46	-1.21
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00007	0.000283	<0.0002	0.0002	<0.0001	0.007				0.41	0.45	-3.84
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0003	<0.0005	0.00008	0.000244	<0.0002	0.0002	<0.0001	<0.002				0.37	0.39	-2.76
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00007	0.000249	<0.0002	0.0005	<0.0001	<0.002				0.38	0.41	-3.65
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00007	0.000196	0.0003	0.0002	<0.0001	<0.002				0.45	0.45	0.45
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00007	0.000211	<0.0002	0.0005	<0.0001	<0.002				0.38	0.43	-6.45

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	51	17-Dec-13	500	490		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	52	24-Dec-13	500	465	7.54	42.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	53	31-Dec-13	500	480		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	54	07-Jan-14	500	475	7.79	40.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	55	14-Jan-14	500	455		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	56	21-Jan-14	500	485	7.62	36.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	57	28-Jan-14	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	58	04-Feb-14	500	470	7.59	38.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	59	11-Feb-14	500	465		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	60	18-Feb-14	500	470	7.53	34.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	61	25-Feb-14	500	465		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	62	04-Mar-14	500	475	7.54	35.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	63	11-Mar-14	500	460		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	64	18-Mar-14	500	470	7.65	36.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	65	25-Mar-14	500	460		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	66	01-Apr-14	500	470	7.58	36.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	67	08-Apr-14	500	455		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	68	15-Apr-14	500	465	7.53	37.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	69	22-Apr-14	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	70	29-Apr-14	500	475	7.60	33.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	71	06-May-14	500	470		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	72	13-May-14	500	470	7.69	31.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	73	20-May-14	500	465		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	74	27-May-14	500	480	7.54	33.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	75	03-Jun-14	500	475		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	76	10-Jun-14	500	475	7.54	32.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	77	17-Jun-14	500	460		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	78	24-Jun-14	500	485	7.51	31.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	79	01-Jul-14	500	490		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	80	08-Jul-14	500	450	7.59	35.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	81	15-Jul-14	500	485		
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	82	22-Jul-14	500	480	7.66	29.0
BR01-5	HC-05	Goose Main	Felsic Dike	10GSE89	53.60	56.60	0.17	0.10	0.11	41.80	7.16	83	29-Jul-14	500	480		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	0	25-Dec-12	750	555	8.63	100
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	1	01-Jan-13	500	485	7.52	115
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	2	08-Jan-13	500	480	7.65	84.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	3	15-Jan-13	500	480	7.50	58.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	4	22-Jan-13	500	475	7.40	42.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	5	29-Jan-13	500	475	7.42	35.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	6	05-Feb-13	500	465	7.35	28.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	7	12-Feb-13	500	480	7.32	30.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	8	19-Feb-13	500	475	7.26	31.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	9	26-Feb-13	500	480	7.14	27.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-5	HC-05																
BR01-5	HC-05	140	7.9	<0.5	<0.5	13.6	<0.05	<0.01	<0.5					15.5	0.148	0.00005	0.0668
BR01-5	HC-05																
BR01-5	HC-05	135	7.0	<0.5	<0.5	11.8	<0.05	<0.01	<0.5					15.3	0.297	0.00005	0.0620
BR01-5	HC-05																
BR01-5	HC-05	130	4.4	<0.5	<0.5	13.0	<0.05	<0.01	<0.5					14.7	0.290	0.00004	0.0598
BR01-5	HC-05																
BR01-5	HC-05	140	4.2	<0.5	<0.5	12.5	<0.05	<0.01	<0.5					14.0	0.307	0.00004	0.0518
BR01-5	HC-05																
BR01-5	HC-05	145	4.4	<0.5	<0.5	11.3	<0.05	<0.01	<0.5					13.8	0.196	0.00004	0.0374
BR01-5	HC-05																
BR01-5	HC-05	140	3.6	<0.5	<0.5	12.8	<0.05	<0.01	<0.5					12.8	0.170	0.00004	0.0536
BR01-5	HC-05																
BR01-5	HC-05	145	3.8	<0.5	<0.5	12.8	<0.05	<0.01	<0.5					13.2	0.172	0.00004	0.0564
BR01-5	HC-05																
BR01-5	HC-05	140	3.9	<0.5	<0.5	12.4	<0.05	<0.01	0.5					13.5	0.171	0.00003	0.0513
BR01-5	HC-05																
BR01-5	HC-05	140	3.2	<0.5	<0.5	12.1	<0.05	<0.01	<0.5					14.0	0.153	0.00005	0.0483
BR01-5	HC-05																
BR01-5	HC-05	130	3.6	<0.5	<0.5	12.1	<0.05	<0.01	<0.5					12.9	0.226	0.00004	0.0499
BR01-5	HC-05																
BR01-5	HC-05	120	2.8	<0.5	<0.5	10.4	<0.05	<0.01	<0.5					11.8	0.294	0.00004	0.0376
BR01-5	HC-05																
BR01-5	HC-05	130	2.4	<0.5	<0.5	11.9	<0.05	<0.01	<0.5					12.5	0.161	0.00003	0.0369
BR01-5	HC-05																
BR01-5	HC-05	130	2.4	<0.5	<0.5	11.3	<0.05	<0.01	<0.5					12.9	0.168	0.00004	0.0367
BR01-5	HC-05																
BR01-5	HC-05	130	3.1	<0.5	0.6	11.4	<0.05	<0.01	<0.5					12.3	0.176	0.00004	0.0348
BR01-5	HC-05																
BR01-5	HC-05	130	3.3	<0.5	<0.5	12.4	<0.05	<0.01	0.7					14.8	0.222	0.00003	0.0343
BR01-5	HC-05																
BR01-5	HC-05	130	2.9	<0.5	<0.5	11.2	<0.05	<0.01	<0.5					12.8	0.205	0.00003	0.0319
BR01-5	HC-05																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-6	HC-14	105	11.5	<0.5	<0.5	12.0	0.14	0.092	10.4	<2	<0.5			5.2	0.106	0.00028	0.0583
BR03-6	HC-14	100	15.9	<0.5	<0.5	21.5	0.13	0.071	8.0	<2	<0.5			14.2	0.0738	0.00129	0.412
BR03-6	HC-14	120	14.2	<0.5	<0.5	14.5	0.11	0.025	2.7	<2	<0.5			11.5	0.103	0.00096	0.315
BR03-6	HC-14	120	13.8	<0.5	2.1	11.4	0.09	<0.01	0.9	<2	<0.5			10.3	0.0892	0.00075	0.317
BR03-6	HC-14	140	9.2	<0.5	<0.5	9.0	0.06	<0.01	<0.5	<0.02	<0.005			8.8	0.0626	0.00057	0.301
BR03-6	HC-14	130	8.0	<0.5	<0.5	6.8	0.06	<0.01	0.6					7.5	0.0589	0.00044	0.279
BR03-6	HC-14	125	7.1	<0.5	0.5	5.6	<0.05	<0.01	0.6					6.4	0.0524	0.00032	0.273
BR03-6	HC-14	120	7.8	<0.5	<0.5	5.4	<0.05	<0.01	0.6					7.4	0.0292	0.00031	0.271
BR03-6	HC-14	110	7.9	<0.5	<0.5	4.3	<0.05	<0.01	0.5					8.3	0.0457	0.00035	0.291
BR03-6	HC-14	120	7.7	<0.5	<0.5	4.0	<0.05	<0.01	0.6					7.3	0.0398	0.00030	0.276

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-5	HC-05															
BR01-5	HC-05	0.00142	<0.00001	<0.000005	<0.05	0.00006	0.000016	3.88	<0.0001	<0.000005	0.00005	<0.00005	0.001	0.000046	0.0012	1.40
BR01-5	HC-05															
BR01-5	HC-05	0.00129	<0.00001	<0.000005	<0.05	0.00005	<0.000005	4.05	<0.0001	0.000012	0.00011	<0.00005	0.006	0.000024	0.0014	1.25
BR01-5	HC-05															
BR01-5	HC-05	0.00123	<0.00001	<0.000005	<0.05	0.00005	<0.000005	3.82	<0.0001	<0.000005	0.00050	<0.00005	0.006	0.000041	0.0010	1.25
BR01-5	HC-05															
BR01-5	HC-05	0.00123	<0.00001	<0.000005	<0.05	0.00006	<0.000005	3.62	<0.0001	<0.000005	<0.00005	<0.00005	0.005	0.000021	0.0010	1.19
BR01-5	HC-05															
BR01-5	HC-05	0.00117	<0.00001	<0.000005	<0.05	0.00005	<0.000005	3.55	<0.0001	<0.000005	0.00007	<0.00005	0.007	0.000029	0.0011	1.20
BR01-5	HC-05															
BR01-5	HC-05	0.00106	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.36	<0.0001	0.000011	0.00078	<0.00005	0.002	0.000017	0.0008	1.07
BR01-5	HC-05															
BR01-5	HC-05	0.00124	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.41	<0.0001	0.000005	0.00011	<0.00005	0.005	0.000030	0.0006	1.14
BR01-5	HC-05															
BR01-5	HC-05	0.00126	<0.00001	<0.000005	<0.05	0.00006	0.000016	3.43	<0.0001	<0.000005	0.00006	<0.00005	0.008	0.000023	0.0008	1.19
BR01-5	HC-05															
BR01-5	HC-05	0.00197	<0.00001	<0.000005	<0.05	0.00006	<0.000005	3.49	<0.0001	<0.000005	0.00039	<0.00005	0.008	0.000040	0.0007	1.28
BR01-5	HC-05															
BR01-5	HC-05	0.00123	<0.00001	<0.000005	<0.05	0.00006	<0.000005	3.34	<0.0001	0.000012	0.00021	<0.00005	0.003	0.000016	0.0009	1.11
BR01-5	HC-05															
BR01-5	HC-05	0.00093	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.01	<0.0001	0.000007	0.00011	<0.00005	0.002	0.000013	0.0007	1.05
BR01-5	HC-05															
BR01-5	HC-05	0.00113	<0.00001	<0.000005	<0.05	0.00005	<0.000005	3.16	<0.0001	<0.000005	0.00018	<0.00005	<0.001	0.000011	0.0007	1.11
BR01-5	HC-05															
BR01-5	HC-05	0.00102	<0.00001	<0.000005	<0.05	0.00005	<0.000005	3.30	<0.0001	0.000005	0.00010	<0.00005	<0.001	0.000005	0.0007	1.13
BR01-5	HC-05															
BR01-5	HC-05	0.00140	<0.00001	<0.000005	<0.05	<0.00005	0.000021	3.07	<0.0001	0.000005	0.00013	<0.00005	0.001	0.000386	0.0006	1.12
BR01-5	HC-05															
BR01-5	HC-05	0.00124	<0.00001	<0.000005	<0.05	0.00005	<0.000005	3.71	<0.0001	0.000006	<0.00005	<0.00005	<0.001	0.000007	0.0006	1.34
BR01-5	HC-05															
BR01-5	HC-05	0.00144	<0.00001	<0.000005	<0.05	0.00005	0.000030	3.29	<0.0001	0.000011	0.00009	<0.00005	0.005	0.000520	0.0006	1.11
BR01-5	HC-05															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-6	HC-14	0.00151	<0.00001	0.000014	<0.05	0.00007	0.000008	1.28	<0.0001	0.000064	0.00088	<0.00005	0.047	0.000110	0.0081	0.49
BR03-6	HC-14	0.00225	<0.00001	0.000008	<0.05	0.00006	0.000052	3.24	<0.0001	0.000212	0.00050	<0.00005	0.012	0.000057	0.0157	1.47
BR03-6	HC-14	0.00143	<0.00001	0.000015	<0.05	<0.00005	0.000035	2.56	0.0001	0.000153	0.00058	<0.00005	0.016	0.000067	0.0126	1.24
BR03-6	HC-14	0.00112	<0.00001	0.000011	<0.05	0.00005	0.000038	2.18	0.0001	0.000166	0.00020	<0.00005	0.014	0.000030	0.0116	1.17
BR03-6	HC-14	0.00088	<0.00001	0.000010	<0.05	<0.00005	0.000045	1.88	0.0002	0.000198	0.00024	<0.00005	0.008	0.000034	0.0083	0.99
BR03-6	HC-14	0.00077	<0.00001	0.000014	<0.05	<0.00005	0.000054	1.63	<0.0001	0.000210	0.00038	<0.00005	0.010	0.000032	0.0066	0.83
BR03-6	HC-14	0.00070	<0.00001	0.000008	<0.05	<0.00005	0.000051	1.30	<0.0001	0.000207	0.00014	<0.00005	0.007	0.000047	0.0048	0.76
BR03-6	HC-14	0.00068	<0.00001	0.000006	<0.05	<0.00005	0.000091	1.51	<0.0001	0.000349	<0.00005	<0.00005	0.006	0.000027	0.0042	0.87
BR03-6	HC-14	0.00079	<0.00001	0.000017	<0.05	<0.00005	0.000095	1.82	<0.0001	0.000310	0.00011	<0.00005	0.011	0.000062	0.0042	0.92
BR03-6	HC-14	0.00072	<0.00001	0.000008	<0.05	<0.00005	0.000094	1.50	0.0001	0.000290	0.00027	<0.00005	0.010	0.000028	0.0033	0.86

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00018	<0.00001	0.022	0.00111	0.00013	1.97	0.00251	<0.00004	2.9	<0.000005	0.44	0.00752	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00034	<0.00001	0.010	0.00114	0.00029	1.73	0.00232	<0.00004	2.8	<0.000005	0.39	0.00684	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00018	<0.00001	0.021	0.00098	0.00014	1.80	0.00224	<0.00004	2.9	<0.000005	0.39	0.00682	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00021	<0.00001	0.006	0.00090	0.00006	1.66	0.00227	<0.00004	2.6	<0.000005	0.37	0.00653	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00020	<0.00001	0.003	0.00093	0.00014	1.53	0.00209	<0.00004	2.4	<0.000005	0.32	0.00616	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00014	<0.00001	0.005	0.00082	0.00019	1.53	0.00217	<0.00004	2.8	<0.000005	0.32	0.00628	<10	<0.00002	0.000004
BR01-5	HC-05															
BR01-5	HC-05	0.00025	<0.00001	0.015	0.00078	0.00034	1.51	0.00221	<0.00004	2.8	<0.000005	0.35	0.00622	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00019	<0.00001	0.004	0.00083	0.00009	1.58	0.00232	<0.00004	2.9	<0.000005	0.34	0.00608	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00031	<0.00001	0.004	0.00083	0.00015	1.67	0.00227	<0.00004	3.1	<0.000005	0.35	0.00629	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00023	<0.00001	0.005	0.00091	0.00022	1.48	0.00211	<0.00004	2.9	<0.000005	0.32	0.00638	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00031	<0.00001	0.007	0.00083	0.00012	1.40	0.00192	<0.00004	2.6	<0.000005	0.30	0.00551	<10	<0.00002	0.000003
BR01-5	HC-05															
BR01-5	HC-05	0.00014	<0.00001	0.003	0.00085	0.00007	1.33	0.00209	<0.00004	2.9	<0.000005	0.31	0.00570	<10	<0.00002	0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00011	<0.00001	<0.002	0.00082	0.00010	1.46	0.00212	<0.00004	3.0	<0.000005	0.30	0.00571	<10	<0.00002	<0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00018	<0.00001	<0.002	0.00084	0.00021	1.32	0.00188	<0.00004	3.0	<0.000005	0.29	0.00550	<10	<0.00002	0.000008
BR01-5	HC-05															
BR01-5	HC-05	0.00018	<0.00001	<0.002	0.00090	0.00014	1.49	0.00227	<0.00004	2.8	<0.000005	0.32	0.00660	<10	<0.00002	<0.000002
BR01-5	HC-05															
BR01-5	HC-05	0.00031	<0.00001	0.003	0.00071	0.00008	1.33	0.00215	<0.00004	2.9	<0.000005	0.28	0.00552	<10	<0.00002	0.000006
BR01-5	HC-05															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-6	HC-14	0.00119	<0.00001	0.091	0.00251	0.00107	8.74	0.00825	0.00040	2.0	<0.000005	10.60	0.00800	<10	<0.00002	0.000002
BR03-6	HC-14	0.00680	<0.00001	0.014	0.00561	0.00273	10.40	0.00959	0.00098	2.8	<0.000005	10.30	0.02020	<10	<0.00002	0.000004
BR03-6	HC-14	0.00467	<0.00001	0.017	0.00331	0.00156	7.88	0.00754	0.00097	2.5	<0.000005	6.14	0.01340	<10	0.00002	0.000003
BR03-6	HC-14	0.00484	<0.00001	0.014	0.00168	0.00121	6.48	0.00594	0.00089	2.6	<0.000005	4.29	0.01110	<10	0.00004	0.000003
BR03-6	HC-14	0.00437	<0.00001	0.024	0.00109	0.00106	5.04	0.00509	0.00083	2.4	<0.000005	2.77	0.00906	<10	<0.00002	0.000002
BR03-6	HC-14	0.00496	<0.00001	0.025	0.00069	0.00106	4.10	0.00403	0.00059	2.5	<0.000005	1.75	0.00764	<10	0.00005	0.000003
BR03-6	HC-14	0.00495	<0.00001	0.012	0.00040	0.00092	3.29	0.00299	0.00037	2.2	<0.000005	1.31	0.00612	<10	0.00002	0.000002
BR03-6	HC-14	0.00698	<0.00001	0.004	0.00045	0.00124	3.13	0.00352	0.00051	2.4	<0.000005	1.11	0.00744	<10	0.00004	<0.000002
BR03-6	HC-14	0.00715	<0.00001	0.011	0.00050	0.00120	3.07	0.00330	0.00080	3.1	<0.000005	1.10	0.00759	<10	0.00004	0.000003
BR03-6	HC-14	0.00735	0.00001	0.011	0.00039	0.00113	2.69	0.00293	0.00057	2.5	<0.000005	0.93	0.00733	<10	0.00004	0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0003	<0.0005	0.00007	0.000201	<0.0002	0.0012	<0.0001	<0.002				0.44	0.40	4.82
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00007	0.000185	0.0002	0.0001	<0.0001	<0.002				0.38	0.40	-2.31
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00006	0.000184	0.0003	0.0002	<0.0001	<0.002				0.35	0.39	-4.85
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000172	<0.0002	0.0001	<0.0001	<0.002				0.34	0.37	-4.80
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00007	0.000134	<0.0002	<0.0001	<0.0001	<0.002				0.32	0.35	-5.25
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00005	0.000143	<0.0002	0.0003	<0.0001	<0.002				0.33	0.33	0.15
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000141	<0.0002	0.0010	<0.0001	<0.002				0.34	0.34	-0.30
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00007	0.000132	<0.0002	0.0011	<0.0001	<0.002				0.34	0.34	0.00
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000125	<0.0002	0.0002	<0.0001	<0.002				0.31	0.36	-7.07
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00007	0.000133	<0.0002	0.0001	<0.0001	<0.002				0.32	0.34	-2.76
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000128	<0.0002	0.0003	<0.0001	<0.002				0.27	0.32	-8.72
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000103	<0.0002	<0.0001	<0.0001	<0.002				0.29	0.32	-4.48
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000104	<0.0002	0.0002	<0.0001	<0.002				0.277	0.327	-8.28
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00006	0.000096	<0.0002	0.0011	<0.0001	<0.002				0.294	0.312	-2.97
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	<0.0002	<0.0005	0.00006	0.000119	<0.0002	<0.0001	<0.0001	<0.002				0.337	0.372	-4.94
BR01-5	HC-05															
BR01-5	HC-05	<0.000005	0.0002	<0.0005	0.00005	0.000074	<0.0002	0.0016	<0.0001	<0.002				0.285	0.324	-6.40
BR01-5	HC-05															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-6	HC-14	<0.000005	0.0002	0.0006	0.00597	0.000041	0.0004	0.0011	0.0001	<0.002				0.78	0.80	-1.39
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0004	<0.0005	0.00335	0.000597	0.0005	0.0021	<0.0001	<0.002				0.99	1.01	-0.55
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0004	<0.0005	0.00170	0.000633	0.0006	0.0020	<0.0001	<0.002				0.67	0.71	-3.04
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0003	<0.0005	0.00101	0.000520	0.0005	0.0015	<0.0001	<0.002				0.55	0.57	-1.97
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0002	<0.0005	0.00069	0.000389	0.0005	0.0019	<0.0001	<0.002				0.38	0.43	-6.93
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0002	<0.0005	0.00051	0.000244	0.0008	0.0065	<0.0001	<0.002				0.32	0.34	-2.42
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0002	0.0005	0.00035	0.000147	0.0005	0.0030	<0.0001	<0.002				0.28	0.28	0.00
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0002	<0.0005	0.00039	0.000126	0.0003	0.0042	<0.0001	<0.002				0.29	0.28	1.24
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0002	<0.0005	0.00037	0.000159	0.0004	0.0044	<0.0001	<0.002				0.27	0.30	-6.03
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0003	<0.0005	0.00029	0.000090	0.0003	0.0035	<0.0001	<0.002				0.26	0.26	-0.77

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	10	05-Mar-13	500	490	7.10	28.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	11	12-Mar-13	500	495	6.90	29.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	12	19-Mar-13	500	470	6.93	29.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	13	26-Mar-13	500	475	6.87	24.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	14	02-Apr-13	500	490	6.95	30.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	15	09-Apr-13	500	485	6.94	27.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	16	16-Apr-13	500	490	6.79	27.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	17	23-Apr-13	500	460	6.74	32.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	18	30-Apr-13	500	475	6.62	32.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	19	07-May-13	500	480	6.74	30.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	20	14-May-13	500	485	6.80	31.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	21	21-May-13	500	485		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	22	28-May-13	500	475	6.42	39.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	23	04-Jun-13	500	480		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	24	11-Jun-13	500	475	6.06	48.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	25	18-Jun-13	500	475		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	26	25-Jun-13	500	485	6.11	52.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	27	02-Jul-13	500	480		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	28	09-Jul-13	500	485	5.62	60.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	29	16-Jul-13	500	470		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	30	23-Jul-13	500	470	4.79	78.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	31	30-Jul-13	500	475		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	32	06-Aug-13	500	485	4.75	88.0
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	33	13-Aug-13	500	480		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	34	20-Aug-13	500	470	4.52	102
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	35	27-Aug-13	500	470		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	36	03-Sep-13	500	470	4.41	125
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	37	10-Sep-13	500	470		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	38	17-Sep-13	500	480	4.17	138
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	39	24-Sep-13	500	465		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	40	01-Oct-13	500	485	4.20	129
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	41	08-Oct-13	500	475		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	42	15-Oct-13	500	460	4.26	114
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	43	22-Oct-13	500	460		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	44	29-Oct-13	500	485	4.16	129
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	45	05-Nov-13	500	465		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	46	12-Nov-13	500	480	4.14	120
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	47	19-Nov-13	500	455		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	48	26-Nov-13	500	490	4.08	110
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	49	03-Dec-13	500	455		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	50	10-Dec-13	500	475	4.03	119
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	51	17-Dec-13	500	490		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	52	24-Dec-13	500	475	4.06	138
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	53	31-Dec-13	500	465		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	54	07-Jan-14	500	470	4.01	110
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	55	14-Jan-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	56	21-Jan-14	500	485	4.07	109
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	57	28-Jan-14	500	485		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	58	04-Feb-14	500	455	4.28	108
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	59	11-Feb-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Dike	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	60	18-Feb-14	500	470	4.05	105

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-6	HC-14	130	7.5	<0.5	<0.5	3.3	<0.05	<0.01	0.5					7.3	0.0298	0.00030	0.298
BR03-6	HC-14	140	8.1	<0.5	<0.5	4.1	<0.05	<0.01	0.8					7.7	0.0443	0.00028	0.306
BR03-6	HC-14	150	8.2	<0.5	<0.5	3.8	<0.05	<0.01	<0.5					7.6	0.0296	0.00027	0.306
BR03-6	HC-14	140	8.2	<0.5	0.6	3.8	<0.05	<0.01	<0.5					8.2	0.0320	0.00029	0.342
BR03-6	HC-14	125	7.5	<0.5	1.0	3.5	<0.05	<0.01	<0.5					8.6	0.0243	0.00026	0.300
BR03-6	HC-14	120	7.0	<0.5	<0.5	2.6	<0.05	<0.01	0.5					7.5	0.0393	0.00025	0.285
BR03-6	HC-14	125	7.4	<0.5	<0.5	2.7	<0.05	<0.01	0.5					8.0	0.0348	0.00024	0.275
BR03-6	HC-14	130	9.4	<0.5	0.9	2.3	<0.05	<0.01	<0.5					9.5	0.0372	0.00027	0.348
BR03-6	HC-14	130	8.4	<0.5	<0.5	2.8	<0.05	<0.01	<0.5					8.7	0.0170	0.00025	0.288
BR03-6	HC-14	120	9.4	<0.5	0.9	2.5	<0.05	<0.01	0.8					9.3	0.0223	0.00023	0.250
BR03-6	HC-14	120	10.3	<0.5	<0.5	1.6	<0.05	<0.01	<0.5					9.7	0.0289	0.00023	0.274
BR03-6	HC-14																
BR03-6	HC-14	130	13.1	<0.5	0.6	1.7	<0.05	<0.01	<0.5					12.0	0.0116	0.00022	0.238
BR03-6	HC-14																
BR03-6	HC-14	120	15.6	<0.5	<0.5	1.3	<0.05	<0.01	<0.5					15.0	0.0450	0.00020	0.235
BR03-6	HC-14																
BR03-6	HC-14	125	16.3	<0.5	1.0	0.8	<0.05	<0.01	0.5					15.0	0.0041	0.00018	0.301
BR03-6	HC-14																
BR03-6	HC-14	155	20.3	<0.5	3.6	0.7	<0.05	<0.01	1.0					15.3	0.0082	0.00019	0.437
BR03-6	HC-14																
BR03-6	HC-14	160	26.5	<0.5	8.2	<0.5	<0.05	<0.01	0.7					16.8	0.236	0.00023	0.774
BR03-6	HC-14																
BR03-6	HC-14	160	31.2	<0.5	17.8	<0.5	<0.05	<0.01	<0.5					14.6	0.490	0.00030	1.34
BR03-6	HC-14																
BR03-6	HC-14	185	37.9	<0.5	18.7	<0.5	<0.05	<0.01	<0.5					13.3	0.412	0.00030	1.57
BR03-6	HC-14																
BR03-6	HC-14	190	42.8	<0.5	29.0	<0.5	<0.05	<0.01	0.9					11.5	0.818	0.00050	2.54
BR03-6	HC-14																
BR03-6	HC-14	215	43.8	<0.5	33.0	<0.5	<0.05	<0.01	1.0					9.0	1.18	0.00050	2.11
BR03-6	HC-14																
BR03-6	HC-14	210	41.6	<0.5	34.6	<0.5	<0.05	<0.01	<0.5					7.3	1.22	0.00050	1.91
BR03-6	HC-14																
BR03-6	HC-14	205	37.5	<0.5	29.1	<0.5	<0.05	<0.01	<0.5					7.3	0.942	0.00040	1.42
BR03-6	HC-14																
BR03-6	HC-14	265	44.8	<0.5	27.3	<0.5	<0.05	<0.01	<0.5					6.6	1.43	0.00050	1.23
BR03-6	HC-14																
BR03-6	HC-14	250	37.7	<0.5	34.9	<0.5	<0.05	<0.01	<0.5					6.3	1.29	0.00054	0.743
BR03-6	HC-14																
BR03-6	HC-14	285	30.8	<0.5	25.4	<0.5	<0.05	<0.01	<0.5					5.2	1.10	0.00053	0.735
BR03-6	HC-14																
BR03-6	HC-14	270	37.9	<0.5	28.7	<0.5	<0.05	<0.01	<0.5					6.2	1.36	0.00055	0.405
BR03-6	HC-14																
BR03-6	HC-14	290	39.3	0.8	33.4	<0.5	<0.05	<0.01	<0.5					5.7	1.59	0.00054	0.123
BR03-6	HC-14																
BR03-6	HC-14	290	36.7	<0.5	27.4	<0.5	<0.05	<0.01	<0.5					5.2	1.37	0.00053	0.366
BR03-6	HC-14																
BR03-6	HC-14	290	31.7	<0.5	25.6	<0.5	<0.05	<0.01	<0.5					4.9	1.37	0.00055	0.578
BR03-6	HC-14																
BR03-6	HC-14	290	31.5	1.6	30.9	<0.5	<0.05	<0.01	<0.5					4.4	1.55	0.00050	0.497
BR03-6	HC-14																
BR03-6	HC-14	290	31.6	5.6	30.5	<0.5	<0.05	<0.01	<0.5					4.6	1.64	0.00044	0.464

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-6	HC-14	0.00069	<0.00001	0.000006	<0.05	<0.00005	0.000113	1.49	<0.0001	0.000319	0.00012	<0.00005	0.007	0.000024	0.0030	0.87
BR03-6	HC-14	0.00082	<0.00001	0.000013	<0.05	<0.00005	0.000122	1.58	0.0001	0.000375	0.00019	<0.00005	0.015	0.000034	0.0028	0.92
BR03-6	HC-14	0.00093	<0.00001	0.000010	<0.05	<0.00005	0.000131	1.61	0.0001	0.000385	0.00023	<0.00005	0.014	0.000057	0.0024	0.87
BR03-6	HC-14	0.00093	<0.00001	0.000009	<0.05	<0.00005	0.000183	1.67	<0.0001	0.000411	0.00034	<0.00005	0.010	0.000022	0.0023	0.97
BR03-6	HC-14	0.00086	<0.00001	0.000007	<0.05	<0.00005	0.000173	1.68	<0.0001	0.000508	0.00008	<0.00005	0.008	0.000038	0.0020	1.06
BR03-6	HC-14	0.00095	<0.00001	0.000014	<0.05	<0.00005	0.000187	1.54	<0.0001	0.000417	0.00022	<0.00005	0.011	0.000036	0.0018	0.88
BR03-6	HC-14	0.00092	<0.00001	0.000012	<0.05	<0.00005	0.000204	1.64	<0.0001	0.000487	0.00037	<0.00005	0.010	0.000038	0.0017	0.96
BR03-6	HC-14	0.00119	<0.00001	0.000012	<0.05	<0.00005	0.000263	1.95	<0.0001	0.000541	0.00008	<0.00005	0.009	0.000035	0.0016	1.13
BR03-6	HC-14	0.00117	<0.00001	0.000012	<0.05	<0.00005	0.000292	1.77	<0.0001	0.000607	0.00013	<0.00005	0.009	0.000027	0.0015	1.04
BR03-6	HC-14	0.00103	<0.00001	0.000026	<0.05	<0.00005	0.000352	1.77	<0.0001	0.000835	0.00005	<0.00005	0.007	0.000278	0.0014	1.18
BR03-6	HC-14	0.00130	<0.00001	0.000011	<0.05	<0.00005	0.000401	1.84	<0.0001	0.000895	0.00013	<0.00005	0.012	0.000028	0.0014	1.24
BR03-6	HC-14															
BR03-6	HC-14	0.00171	<0.00001	<0.000005	<0.05	<0.00005	0.000800	2.37	<0.0001	0.00176	0.00008	<0.00005	0.030	0.000032	0.0016	1.47
BR03-6	HC-14															
BR03-6	HC-14	0.00235	0.00002	<0.000005	<0.05	<0.00005	0.00125	2.91	<0.0001	0.00365	0.00016	<0.00005	0.115	0.000058	0.0017	1.88
BR03-6	HC-14															
BR03-6	HC-14	0.00312	0.00002	<0.000005	<0.05	<0.00005	0.00226	2.98	0.0003	0.00677	0.00020	<0.00005	0.287	0.000034	0.0019	1.83
BR03-6	HC-14															
BR03-6	HC-14	0.00545	0.00006	<0.000005	<0.05	<0.00005	0.00504	3.02	0.0001	0.0121	0.00139	0.00006	0.819	0.000127	0.0022	1.89
BR03-6	HC-14															
BR03-6	HC-14	0.0154	0.00020	<0.000005	<0.05	<0.00005	0.01320	3.27	0.0002	0.0220	0.00286	0.00122	2.44	0.000158	0.0027	2.08
BR03-6	HC-14															
BR03-6	HC-14	0.0134	0.00030	<0.00003	<0.3	<0.0003	0.00916	2.90	<0.0005	0.0242	0.00300	0.00100	5.32	0.000450	0.0030	1.80
BR03-6	HC-14															
BR03-6	HC-14	0.0175	0.00045	<0.00003	<0.3	<0.0003	0.00775	2.60	<0.0005	0.0308	0.00270	0.00160	7.92	0.000340	0.0040	1.70
BR03-6	HC-14															
BR03-6	HC-14	0.0255	0.00067	<0.00003	<0.3	<0.0003	0.0102	2.10	<0.0005	0.0364	0.0103	0.00310	12.8	0.00144	0.0030	1.50
BR03-6	HC-14															
BR03-6	HC-14	0.0251	0.00064	<0.00003	<0.3	<0.0003	0.0140	1.50	<0.0005	0.0353	0.0096	0.00450	13.1	0.00386	0.0040	1.30
BR03-6	HC-14															
BR03-6	HC-14	0.0221	0.00063	<0.00003	<0.3	<0.0003	0.0143	1.10	<0.0005	0.0304	0.0115	0.00430	13.1	0.000370	0.0030	1.10
BR03-6	HC-14															
BR03-6	HC-14	0.0239	0.00071	<0.00003	<0.3	<0.0003	0.0116	1.00	<0.0005	0.0304	0.00510	0.00480	14.3	0.00146	0.0030	1.20
BR03-6	HC-14															
BR03-6	HC-14	0.0266	0.00074	<0.00003	<0.3	<0.0003	0.0133	0.80	<0.0005	0.0303	0.00950	0.00560	12.0	0.000780	0.0050	1.10
BR03-6	HC-14															
BR03-6	HC-14	0.0243	0.00069	<0.000005	<0.05	<0.00005	0.0125	0.63	0.0002	0.0291	0.00780	0.00537	11.5	0.000390	0.0031	1.14
BR03-6	HC-14															
BR03-6	HC-14	0.0180	0.00057	<0.000005	<0.05	<0.00005	0.0103	0.51	0.0002	0.0213	0.00761	0.00404	9.39	0.000247	0.0031	0.95
BR03-6	HC-14															
BR03-6	HC-14	0.0222	0.00066	<0.000005	<0.05	<0.00005	0.0131	0.68	0.0003	0.0234	0.00925	0.00503	9.32	0.000179	0.0039	1.09
BR03-6	HC-14															
BR03-6	HC-14	0.0259	0.00073	<0.000005	<0.05	<0.00005	0.0143	0.51	0.0002	0.0251	0.00695	0.00637	8.95	0.000213	0.0042	1.08
BR03-6	HC-14															
BR03-6	HC-14	0.0208	0.00060	<0.000005	<0.05	<0.00005	0.0126	0.46	0.0003	0.0222	0.00939	0.00479	8.55	0.000174	0.0042	0.97
BR03-6	HC-14															
BR03-6	HC-14	0.0193	0.00053	<0.000005	<0.05	<0.00005	0.0116	0.45	0.0003	0.0202	0.01060	0.00422	7.76	0.000503	0.0036	0.92
BR03-6	HC-14															
BR03-6	HC-14	0.0202	0.00060	<0.000005	<0.05	<0.00005	0.0120	0.39	0.0002	0.0214	0.00753	0.00449	6.84	0.000230	0.0037	0.84
BR03-6	HC-14															
BR03-6	HC-14	0.0187	0.00058	<0.00002	<0.2	<0.0002	0.0123	0.40	<0.0004	0.0200	0.00880	0.00480	6.86	0.000580	0.0040	0.90

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-6	HC-14	0.00844	<0.00001	0.002	0.00037	0.00117	2.51	0.00274	0.00059	2.6	<0.000005	0.84	0.00719	<10	0.00006	0.000003
BR03-6	HC-14	0.00936	<0.00001	0.010	0.00038	0.00131	2.53	0.00267	0.00046	3.2	<0.000005	0.83	0.00750	<10	0.00008	0.000002
BR03-6	HC-14	0.00971	<0.00001	0.007	0.00032	0.00124	2.40	0.00259	0.00057	3.2	<0.000005	0.74	0.00716	<10	0.00005	0.000005
BR03-6	HC-14	0.0120	<0.00001	<0.002	0.00035	0.00193	2.42	0.00266	0.00059	3.5	<0.000005	0.71	0.00825	<10	0.00005	0.000004
BR03-6	HC-14	0.0135	<0.00001	0.005	0.00028	0.00166	2.37	0.00253	0.00042	3.3	<0.000005	0.64	0.00854	<10	0.00004	0.000002
BR03-6	HC-14	0.0124	0.00003	0.003	0.00031	0.00148	2.06	0.00250	0.00038	3.0	<0.000005	0.54	0.00779	<10	0.00002	0.000002
BR03-6	HC-14	0.0140	<0.00001	<0.002	0.00026	0.00168	2.20	0.00252	0.00041	3.1	<0.000005	0.54	0.00806	<10	0.00004	<0.000002
BR03-6	HC-14	0.0173	<0.00001	0.007	0.00030	0.00213	2.29	0.00282	0.00035	4.5	<0.000005	0.69	0.00949	<10	0.00006	0.000003
BR03-6	HC-14	0.0169	<0.00001	0.003	0.00027	0.00217	2.02	0.00254	0.00039	3.4	<0.000005	0.51	0.00896	<10	0.00005	0.000003
BR03-6	HC-14	0.0213	<0.00001	<0.002	0.00027	0.00296	1.85	0.00231	0.00044	3.1	<0.000005	0.49	0.00928	<10	0.00006	0.000003
BR03-6	HC-14	0.0238	<0.00001	0.006	0.00020	0.00349	2.01	0.00244	0.00034	3.3	<0.000005	0.50	0.00998	<10	0.00003	<0.000002
BR03-6	HC-14															
BR03-6	HC-14	0.0393	0.00009	0.002	0.00023	0.00606	1.98	0.00265	0.00042	3.6	<0.000005	0.51	0.01320	<10	0.00004	0.000009
BR03-6	HC-14															
BR03-6	HC-14	0.0658	<0.00001	0.003	0.00028	0.0114	2.11	0.00320	0.00039	4.1	<0.000005	0.58	0.01770	<10	0.00005	0.000004
BR03-6	HC-14															
BR03-6	HC-14	0.0876	<0.00001	0.025	0.00020	0.0193	1.97	0.00272	0.00034	4.1	<0.000005	0.57	0.02150	<10	0.00005	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.1150	<0.00001	<0.002	0.00014	0.0336	1.83	0.00279	0.00030	4.4	<0.000005	0.51	0.02640	<10	0.00004	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.1420	<0.00001	0.005	0.00008	0.0608	2.20	0.00383	0.00042	4.5	<0.000005	0.60	0.03680	<10	0.00009	0.000008
BR03-6	HC-14															
BR03-6	HC-14	0.1280	<0.00005	<0.01	<0.0003	0.0709	2.00	0.00360	0.00060	4.4	<0.00003	0.60	0.03140	<50	0.00010	<0.00001
BR03-6	HC-14															
BR03-6	HC-14	0.1360	<0.00005	<0.01	<0.0003	0.0919	1.90	0.00320	0.00060	4.2	<0.00003	0.60	0.03490	<50	0.00020	<0.00001
BR03-6	HC-14															
BR03-6	HC-14	0.1120	<0.00005	<0.01	0.00050	0.106	2.00	0.00340	0.00060	4.0	<0.00003	0.60	0.03170	<50	0.00040	0.000110
BR03-6	HC-14															
BR03-6	HC-14	0.0894	<0.00005	<0.01	<0.0003	0.0977	1.70	0.00310	0.00060	4.2	<0.00003	0.50	0.02500	<50	0.00050	0.000020
BR03-6	HC-14															
BR03-6	HC-14	0.0663	<0.00005	<0.01	<0.0003	0.0871	1.40	0.00250	0.00070	4.1	<0.00003	0.50	0.01770	<50	0.00050	<0.00001
BR03-6	HC-14															
BR03-6	HC-14	0.0622	<0.00005	<0.01	<0.0003	0.0876	1.40	0.00220	0.00080	4.3	<0.00003	0.50	0.01430	<50	0.00050	<0.00001
BR03-6	HC-14															
BR03-6	HC-14	0.0579	<0.00005	<0.01	<0.0003	0.0868	1.20	0.00230	0.00070	3.7	<0.00003	0.40	0.01290	<50	0.00060	<0.00001
BR03-6	HC-14															
BR03-6	HC-14	0.0568	<0.00001	0.012	<0.00005	0.0906	1.12	0.00235	0.00077	3.3	<0.000005	0.46	0.01110	12	0.00057	0.000006
BR03-6	HC-14															
BR03-6	HC-14	0.0431	0.00002	0.010	<0.00005	0.0626	0.94	0.00186	0.00068	3.5	<0.000005	0.37	0.00759	13	0.00051	0.000006
BR03-6	HC-14															
BR03-6	HC-14	0.0455	<0.00001	0.010	<0.00005	0.0651	0.99	0.00201	0.00063	3.8	<0.000005	0.43	0.00814	13	0.00059	0.000004
BR03-6	HC-14															
BR03-6	HC-14	0.0411	<0.00001	0.020	<0.00005	0.0678	1.00	0.00194	0.00065	3.4	<0.000005	0.44	0.00767	14	0.00059	0.000006
BR03-6	HC-14															
BR03-6	HC-14	0.0392	<0.00001	0.013	<0.00005	0.0582	0.86	0.00177	0.00050	3.4	<0.000005	0.42	0.00650	12	0.00053	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.0339	<0.00001	0.026	<0.00005	0.0513	0.81	0.00162	0.00059	3.3	<0.000005	0.40	0.00586	11	0.00048	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.0305	<0.00001	0.004	<0.00005	0.0535	0.74	0.00149	0.00055	2.6	<0.000005	0.36	0.00506	<10	0.00045	0.000010
BR03-6	HC-14															
BR03-6	HC-14	0.0293	<0.00004	<0.008	<0.0002	0.0500	0.70	0.00160	0.00060	2.8	<0.00002	0.40	0.00560	<40	0.00038	<0.000008

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-6	HC-14	<0.000005	0.0003	<0.0005	0.00024	0.000093	0.0005	0.0042	<0.0001	<0.002				0.24	0.25	-2.45
BR03-6	HC-14	<0.000005	0.0016	0.0007	0.00021	0.000077	0.0007	0.0044	<0.0001	<0.002				0.27	0.26	1.88
BR03-6	HC-14	<0.000005	0.0002	<0.0005	0.00020	0.000063	0.0004	0.0048	<0.0001	0.007				0.25	0.25	-0.60
BR03-6	HC-14	<0.000005	0.0001	<0.0005	0.00021	0.000049	0.0009	0.0054	<0.0001	<0.002				0.25	0.26	-2.56
BR03-6	HC-14	<0.000005	0.0002	0.0005	0.00016	0.000055	0.0004	0.0060	<0.0001	<0.002				0.23	0.26	-7.35
BR03-6	HC-14	<0.000005	0.0009	<0.0005	0.00013	0.000060	0.0005	0.0053	<0.0001	<0.002				0.21	0.23	-4.52
BR03-6	HC-14	<0.000005	0.0003	<0.0005	0.00012	0.000049	0.0007	0.0064	<0.0001	<0.002				0.22	0.25	-4.93
BR03-6	HC-14	0.000005	0.0001	<0.0005	0.00011	0.000076	0.0003	0.0078	<0.0001	<0.002				0.24	0.28	-7.78
BR03-6	HC-14	<0.000005	0.0004	<0.0005	0.00026	0.000056	0.0006	0.0056	<0.0001	<0.002				0.23	0.25	-3.95
BR03-6	HC-14	<0.000005	0.0001	<0.0005	0.00007	0.000038	0.0006	0.0122	<0.0001	<0.002				0.27	0.26	1.91
BR03-6	HC-14	<0.000005	0.0001	<0.0005	0.00005	0.000032	<0.0002	0.0146	<0.0001	<0.002				0.25	0.27	-5.00
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	0.00003	0.000028	0.0003	0.0310	0.0001	<0.002				0.31	0.32	-1.61
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	0.00002	0.000475	0.0002	0.0540	<0.0001	<0.002				0.35	0.39	-5.52
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0003	<0.0005	0.00002	0.000039	<0.0002	0.114	<0.0001	<0.002				0.37	0.39	-2.62
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0004	<0.0005	<0.00001	0.000055	<0.0002	0.320	<0.0001	<0.002				0.46	0.42	5.10
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	0.0003	<0.0005	<0.00001	0.000204	0.0005	0.989	<0.0001	<0.002				0.57	0.57	0.44
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	<0.00005	0.000230	<0.001	0.833	<0.0005	<0.002				0.65	0.64	0.46
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	0.00005	0.000300	<0.001	0.795	<0.0005	<0.002				0.79	0.70	6.12
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	<0.00005	0.000550	<0.001	1.20	<0.0005	<0.002				0.92	0.89	1.16
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	<0.00005	0.000730	<0.001	1.92	<0.0005	<0.002				0.94	0.91	1.62
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	<0.00005	0.000710	<0.001	1.81	<0.0005	<0.002				0.87	0.87	0.12
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	<0.00005	0.000510	<0.001	1.48	<0.0005	0.002				0.78	0.87	-5.16
BR03-6	HC-14															
BR03-6	HC-14	<0.00003	<0.001	<0.003	<0.00005	0.000860	<0.001	1.67	<0.0005	<0.002				0.93	0.82	6.38
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000849	<0.0002	1.54	<0.0001	<0.002				0.79	0.78	0.32
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000657	<0.0002	1.30	<0.0001	<0.002				0.64	0.64	-0.23
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000862	<0.0002	1.50	<0.0001	<0.002				0.79	0.70	6.03
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000946	<0.0002	1.46	<0.0001	<0.002				0.82	0.70	7.56
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000967	<0.0002	1.34	<0.0001	<0.002				0.76	0.64	8.52
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	0.0006	<0.00001	0.000993	<0.0002	1.18	<0.0001	<0.002				0.66	0.61	4.35
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	0.0007	<0.00001	0.00105	<0.0002	1.19	<0.0001	<0.002				0.66	0.58	6.32
BR03-6	HC-14															
BR03-6	HC-14	<0.00002	<0.0008	<0.002	<0.00004	0.00108	<0.0008	1.21	<0.0004	<0.002				0.66	0.59	5.20

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	61	25-Feb-14	500	480		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	62	04-Mar-14	500	480	3.99	101
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	63	11-Mar-14	500	450		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	64	18-Mar-14	500	460	4.01	107
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	65	25-Mar-14	500	470		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	66	01-Apr-14	500	480	4.01	102
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	67	08-Apr-14	500	485		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	68	15-Apr-14	500	465	4.02	95.0
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	69	22-Apr-14	500	470		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	70	29-Apr-14	500	460	3.94	107
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	71	06-May-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	72	13-May-14	500	485	3.91	102
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	73	20-May-14	500	485		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	74	27-May-14	500	485	3.90	104
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	75	03-Jun-14	500	485		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	76	10-Jun-14	500	490	3.94	107
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	77	17-Jun-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	78	24-Jun-14	500	490	3.98	94.0
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	79	01-Jul-14	500	480		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	80	08-Jul-14	500	450	3.93	113
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	81	15-Jul-14	500	465		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	82	22-Jul-14	500	470	3.93	105
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	83	29-Jul-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	84	05-Aug-14	500	450	3.87	122
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	85	12-Aug-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	86	19-Aug-14	500	475	3.95	
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	87	26-Aug-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	88	02-Sep-14	500	470	4.03	85.0
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	89	09-Sep-14	500	470		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	90	16-Sep-14	500	470	4.02	
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	91	23-Sep-14	500	475		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	92	30-Sep-14	500	455	4.03	84.0
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	93	07-Oct-14	500	465		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	94	14-Oct-14	500	485	4.08	
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	95	21-Oct-14	500	470		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	96	28-Oct-14	500	480	4.07	75.0
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	97	04-Nov-14	500	480		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	98	11-Nov-14	500	480	4.06	
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	99	18-Nov-14	500	465		
BR03-6	HC-14	Umwelt	Felsic Di	10GSE127	86.00	87.62	0.22	0.21	0.01	9.60	3.28	100	25-Nov-14	500	495	4.06	83.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-8	HC-24	Llama	Felsic Di	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	0	21-Jan-13	750	585	8.58	55.0
BR02-8	HC-24	Llama	Felsic Di	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	1	28-Jan-13	500	475	8.10	128
BR02-8	HC-24	Llama	Felsic Di	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	2	04-Feb-13	500	470	7.89	86.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-6	HC-14																
BR03-6	HC-14	290	27.3	3.8	26.7	<0.5	<0.05	<0.01	<0.5					4.1	1.34	0.00048	0.533
BR03-6	HC-14																
BR03-6	HC-14	300	29.6	5.6	28.0	<0.5	<0.05	<0.01	<0.5					4.3	1.59	0.00043	0.442
BR03-6	HC-14																
BR03-6	HC-14	300	26.9	4.8	28.3	<0.5	<0.05	<0.01	0.5					4.5	1.59	0.00043	0.410
BR03-6	HC-14																
BR03-6	HC-14	290	24.6	4.1	28.7	<0.5	<0.05	<0.01	<0.5					4.1	1.67	0.00032	0.298
BR03-6	HC-14																
BR03-6	HC-14	290	32.6	7.1	32.3	<0.5	<0.05	<0.01	<0.5					4.9	1.90	0.00041	0.362
BR03-6	HC-14																
BR03-6	HC-14	300	29.6	6.9	28.8	<0.5	<0.05	<0.01	<0.5					4.7	1.76	0.00038	0.309
BR03-6	HC-14																
BR03-6	HC-14	280	28.8	6.7	29.6	<0.5	<0.05	<0.01	<0.5					4.7	1.83	0.00039	0.356
BR03-6	HC-14																
BR03-6	HC-14	290	25.0	5.7	25.9	<0.5	<0.05	<0.01	<0.5					4.4	1.34	0.00043	0.452
BR03-6	HC-14																
BR03-6	HC-14	290	21.3	5.3	23.7	<0.5	<0.05	<0.01	<0.5					3.8	1.17	0.00043	0.423
BR03-6	HC-14																
BR03-6	HC-14	280	28.9	5.5	29.8	<0.5	<0.05	<0.01	<0.5					4.0	1.83	0.00040	0.280
BR03-6	HC-14																
BR03-6	HC-14	290	25.0	5.5	26.6	<0.5	<0.05	<0.01	<0.5					3.7	1.74	0.00036	0.295
BR03-6	HC-14																
BR03-6	HC-14	300	29.2	7.8	30.8	<0.5			<0.5					4.6	1.87	0.00041	0.263
BR03-6	HC-14																
BR03-6	HC-14																
BR03-6	HC-14	270	18.9	4.0	19.8	<0.5			<0.5					3.4	1.20	0.00037	0.291
BR03-6	HC-14																
BR03-6	HC-14																
BR03-6	HC-14	295	18.6	4.7	23.2				<0.5					3.3	1.16	0.00042	0.413
BR03-6	HC-14																
BR03-6	HC-14																
BR03-6	HC-14	290	16.7	3.8	18.1				<0.5					2.9	0.944	0.00038	0.452
BR03-6	HC-14																
BR03-6	HC-14																
BR03-6	HC-14	290	16.8	4.6	19.3				<0.5					3.3	0.947	0.00034	0.0187

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-8	HC-24	110	4.1	<0.5	<0.5	10.0	0.23	0.081	6.3	0.09	0.015			<0.5	0.358	0.00044	0.05850
BR02-8	HC-24	140	13.6	<0.5	<0.5	27.9	0.33	0.096	8.0	<0.02	<0.005			3.3	0.331	0.00185	0.27200
BR02-8	HC-24	130	11.1	<0.5	<0.5	21.7	0.25	0.028	3.1	<0.02	<0.005			2.6	0.306	0.00146	0.37300

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-6	HC-14															
BR03-6	HC-14	0.0155	0.00050	<0.000005	<0.05	<0.00005	0.0111	0.37	0.0002	0.0162	0.00890	0.00349	5.88	0.000208	0.0039	0.77
BR03-6	HC-14															
BR03-6	HC-14	0.0168	0.00049	<0.000005	<0.05	<0.00005	0.0115	0.42	0.0003	0.0177	0.0103	0.00393	5.62	0.000237	0.0036	0.80
BR03-6	HC-14															
BR03-6	HC-14	0.0161	0.00045	<0.000005	<0.05	<0.00005	0.0123	0.40	0.0003	0.0161	0.0100	0.00398	5.58	0.000269	0.0035	0.86
BR03-6	HC-14															
BR03-6	HC-14	0.0151	0.00045	<0.000005	<0.05	<0.00005	0.0125	0.36	0.0002	0.0154	0.0089	0.00407	4.92	0.000284	0.0033	0.78
BR03-6	HC-14															
BR03-6	HC-14	0.0180	0.00054	<0.000005	<0.05	<0.00005	0.0150	0.49	0.0003	0.0155	0.0104	0.00482	6.65	0.000406	0.0046	0.88
BR03-6	HC-14															
BR03-6	HC-14	0.0156	0.00046	<0.000005	<0.05	<0.00005	0.0134	0.49	0.0003	0.0145	0.0125	0.00397	4.72	0.000283	0.0043	0.84
BR03-6	HC-14															
BR03-6	HC-14	0.0160	0.00048	<0.000005	<0.05	<0.00005	0.0136	0.44	0.0003	0.0151	0.0139	0.00391	4.94	0.000347	0.0046	0.88
BR03-6	HC-14															
BR03-6	HC-14	0.0143	0.00038	<0.000005	<0.05	<0.00005	0.0108	0.37	0.0002	0.0133	0.0111	0.00299	4.66	0.000642	0.0038	0.83
BR03-6	HC-14															
BR03-6	HC-14	0.0136	0.00035	<0.000005	<0.05	<0.00005	0.00918	0.35	0.0002	0.0108	0.0104	0.00254	3.97	0.000229	0.0034	0.72
BR03-6	HC-14															
BR03-6	HC-14	0.0151	0.00045	<0.000005	<0.05	<0.00005	0.0120	0.35	0.0001	0.0165	0.0115	0.00381	5.04	0.000210	0.0040	0.76
BR03-6	HC-14															
BR03-6	HC-14	0.0136	0.00034	0.000056	<0.05	<0.00005	0.0112	0.33	0.0004	0.0143	0.0115	0.00359	4.31	0.000381	0.0034	0.70
BR03-6	HC-14															
BR03-6	HC-14	0.0141	0.00040	0.000103	<0.05	<0.00005	0.0123	0.43	0.0002	0.0144	0.0165	0.00351	3.74	0.000262	0.0048	0.84
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.00977	0.00030	<0.000005	<0.05	<0.00005	0.00773	0.31	0.0001	0.00955	0.0104	0.00218	3.13	0.00111	0.0033	0.64
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.00900	0.00026	<0.000005	<0.05	<0.00005	0.00718	0.33	0.0001	0.00945	0.0104	0.00209	3.56	0.00204	0.0034	0.60
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.00926	0.00022	<0.000005	<0.05	<0.00005	0.00607	0.29	0.0001	0.00786	0.0110	0.00163	2.74	0.00221	0.0027	0.52
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.0102	0.00020	<0.000005	<0.05	<0.00005	0.00542	0.37	0.0001	0.00769	0.0167	0.00177	1.88	0.000170	0.0027	0.58

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-8	HC-24	0.00137	<0.00001	0.000006	<0.05	0.00006	<0.000005	<0.05	0.0002	0.000059	0.00049	0.00007	0.127	0.000081	0.0093	0.06
BR02-8	HC-24	0.00199	<0.00001	<0.000005	0.08	0.00015	<0.000005	0.58	<0.0001	0.000133	0.00048	0.00005	0.074	0.000082	0.0186	0.46
BR02-8	HC-24	0.00159	<0.00001	<0.000005	0.06	0.00009	<0.000005	0.41	0.0002	0.000096	0.00040	0.00005	0.062	0.000053	0.0134	0.37

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-6	HC-14															
BR03-6	HC-14	0.0265	<0.00001	0.006	<0.00005	0.0405	0.62	0.00136	0.00049	2.8	<0.000005	0.32	0.00489	<10	0.00044	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.0266	0.00002	0.011	<0.00005	0.0447	0.60	0.00131	0.00052	2.8	<0.000005	0.34	0.00528	10	0.00043	0.000011
BR03-6	HC-14															
BR03-6	HC-14	0.0272	<0.00001	0.004	<0.00005	0.0413	0.58	0.00132	0.00051	3.1	<0.000005	0.37	0.00512	<10	0.00037	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.0241	<0.00001	0.003	<0.00005	0.0392	0.50	0.00119	0.00046	2.6	<0.000005	0.32	0.00449	<10	0.00039	0.000006
BR03-6	HC-14															
BR03-6	HC-14	0.0278	<0.00001	0.003	<0.00005	0.0407	0.60	0.00149	0.00058	3.8	<0.000005	0.37	0.00600	11	0.00042	0.000006
BR03-6	HC-14															
BR03-6	HC-14	0.0249	0.00001	0.007	<0.00005	0.0382	0.54	0.00157	0.00051	3.1	0.000006	0.36	0.00603	<10	0.00036	0.000007
BR03-6	HC-14															
BR03-6	HC-14	0.0262	<0.00001	0.004	<0.00005	0.0396	0.57	0.00156	0.00048	3.2	<0.000005	0.40	0.00567	11	0.00039	0.000006
BR03-6	HC-14															
BR03-6	HC-14	0.0229	<0.00001	0.004	<0.00005	0.0350	0.50	0.00135	0.00046	3.0	<0.000005	0.37	0.00502	<10	0.00036	0.000005
BR03-6	HC-14															
BR03-6	HC-14	0.0192	<0.00001	0.009	<0.00005	0.0283	0.46	0.00109	0.00041	3.1	<0.000005	0.34	0.00449	<10	0.00033	0.000004
BR03-6	HC-14															
BR03-6	HC-14	0.0204	<0.00001	0.005	<0.00005	0.0394	0.51	0.00127	0.00055	2.7	<0.000005	0.35	0.00499	<10	0.00046	0.000004
BR03-6	HC-14															
BR03-6	HC-14	0.0191	<0.00001	0.009	<0.00005	0.0355	0.45	0.00118	0.00046	2.9	<0.000005	0.31	0.00449	<10	0.00036	0.000004
BR03-6	HC-14															
BR03-6	HC-14	0.0229	<0.00001	0.002	<0.00005	0.0358	0.54	0.00139	0.00047	2.8	0.000005	0.41	0.00561	<10	0.00036	0.000007
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.0163	<0.00001	0.003	<0.00005	0.0241	0.35	0.00092	0.00039	2.6	<0.000005	0.29	0.00378	<10	0.00029	0.000003
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.0152	<0.00001	0.003	<0.00005	0.0232	0.36	0.00090	0.00034	2.7	<0.000005	0.31	0.00372	<10	0.00029	0.000007
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.0132	<0.00001	0.002	<0.00005	0.0198	0.30	0.00091	0.00040	2.5	<0.000005	0.30	0.00357	<10	0.00024	0.000005
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	0.0131	0.00001	0.010	<0.00005	0.0186	0.47	0.00100	0.00022	2.5	0.000006	0.35	0.00398	<10	0.00022	0.000006

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-8	HC-24	0.00110	<0.00001	0.080	0.00740	0.00056	5.39	0.00473	0.00027	1.6	<0.000005	7.61	0.00061	<10	<0.00002	0.000002
BR02-8	HC-24	0.00111	0.00002	0.051	0.02090	0.00158	11.70	0.01030	0.00051	2.4	<0.000005	15.50	0.00905	<10	0.00004	0.000005
BR02-8	HC-24	0.00091	0.00001	0.045	0.00982	0.00064	9.03	0.00730	0.00038	2.5	<0.000005	10.30	0.00608	<10	0.00003	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	0.0010	<0.00001	0.000938	<0.0002	1.08	<0.0001	<0.002				0.57	0.51	6.05
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000969	<0.0002	1.14	<0.0001	<0.002				0.62	0.53	7.49
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.00100	<0.0002	1.27	<0.0001	<0.002				0.58	0.54	3.23
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.00102	<0.0002	1.31	<0.0001	<0.002				0.51	0.51	0.00
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.00129	<0.0002	1.53	<0.0001	<0.002				0.68	0.63	4.13
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	0.00001	0.00111	<0.0002	1.34	<0.0001	<0.002				0.62	0.53	7.59
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.00116	<0.0002	1.37	<0.0001	<0.002				0.60	0.55	4.26
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000964	<0.0002	1.14	<0.0001	<0.002				0.52	0.47	5.26
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000793	<0.0002	0.910	<0.0001	<0.002				0.443	0.404	4.60
BR03-6	HC-14															
BR03-6	HC-14	0.000006	<0.0002	<0.0005	<0.00001	0.00108	<0.0002	1.11	<0.0001	<0.002				0.603	0.528	6.63
BR03-6	HC-14															
BR03-6	HC-14	0.000012	<0.0002	<0.0005	0.00002	0.000926	<0.0002	0.967	<0.0001	<0.002				0.520	0.478	4.21
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.00111	<0.0002	1.14	<0.0001	<0.002				0.609	0.500	9.83
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000663	<0.0002	0.765	<0.0001	0.002				0.394	0.359	4.65
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000614	<0.0002	0.707	<0.0001	<0.002				0.388	0.367	2.78
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000544	<0.0002	0.630	<0.0001	<0.002				0.347	0.301	0.301
BR03-6	HC-14															
BR03-6	HC-14															
BR03-6	HC-14	<0.000005	<0.0002	<0.0005	<0.00001	0.000546	0.0003	0.494	<0.0001	<0.002				0.349	0.283	10.4

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-8	HC-24	0.000038	0.0001	0.0026	0.09030	0.000051	0.0012	0.0004	0.0001	<0.002				0.48	0.52	-4.33
BR02-8	HC-24	0.000017	0.0003	0.0013	0.06270	0.000434	0.0019	0.0005	0.0002	<0.002				1.08	1.08	0.14
BR02-8	HC-24	0.000028	0.0004	0.0022	0.02740	0.000646	0.0020	0.0006	0.0001	<0.002				0.77	0.77	0.00

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	3	11-Feb-13	500	470	7.85	63.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	4	18-Feb-13	500	480	7.70	45.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	5	25-Feb-13	500	460	7.61	35.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	6	04-Mar-13	500	470	7.60	36.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	7	11-Mar-13	500	470	7.45	33.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	8	18-Mar-13	500	480	7.41	34.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	9	25-Mar-13	500	470	7.38	29.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	10	01-Apr-13	500	475	7.42	26.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	11	08-Apr-13	500	485	7.42	24.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	12	15-Apr-13	500	485	7.37	22.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	13	22-Apr-13	500	470	7.30	23.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	14	29-Apr-13	500	480	7.29	22.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	15	06-May-13	500	475	7.31	20.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	16	13-May-13	500	475	7.08	19.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	17	20-May-13	500	485	7.16	20.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	18	27-May-13	500	490	7.34	19.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	19	03-Jun-13	500	480	7.32	20.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	20	10-Jun-13	500	485		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	21	17-Jun-13	500	475	7.29	20.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	22	24-Jun-13	500	470		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	23	01-Jul-13	500	470	7.21	19.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	24	08-Jul-13	500	465		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	25	15-Jul-13	500	480	7.13	17.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	26	22-Jul-13	500	465		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	27	29-Jul-13	500	485	7.24	16.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	28	05-Aug-13	500	470		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	29	12-Aug-13	500	480	7.08	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	30	19-Aug-13	500	470		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	31	26-Aug-13	500	490	7.01	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	32	02-Sep-13	500	485		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	33	09-Sep-13	500	475	7.04	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	34	16-Sep-13	500	480		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	35	23-Sep-13	500	460	7.02	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	36	30-Sep-13	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	37	07-Oct-13	500	475	6.87	13.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	38	14-Oct-13	500	465		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	39	21-Oct-13	500	480	6.72	12.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	40	28-Oct-13	500	475		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	41	04-Nov-13	500	465	6.74	12.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	42	11-Nov-13	500	475		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	43	18-Nov-13	500	470	6.74	11.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	44	25-Nov-13	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	45	02-Dec-13	500	455	6.61	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	46	09-Dec-13	500	455		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	47	16-Dec-13	500	465	6.46	11.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	48	23-Dec-13	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	49	30-Dec-13	500	470	6.53	147
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	50	06-Jan-14	500	450		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	51	13-Jan-14	500	475	6.71	12.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	52	20-Jan-14	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	53	27-Jan-14	500	475	6.48	13.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-8	HC-24	140	9.8	<0.5	<0.5	16.4	0.19	<0.01	1.0	<0.02	<0.005			2.5	0.233	0.00136	0.43500
BR02-8	HC-24	125	6.4	<0.5	<0.5	14.9	0.14	<0.01	0.7	<0.02	<0.005			2.2	0.277	0.00097	0.42500
BR02-8	HC-24	130	5.7	<0.5	<0.5	12.4	0.10	<0.01	<0.5					2.2	0.276	0.00075	0.38600
BR02-8	HC-24	170	5.6	<0.5	<0.5	10.3	0.08	<0.01	0.7					2.5	0.199	0.00063	0.31400
BR02-8	HC-24	140	6.2	<0.5	<0.5	9.2	0.06	<0.01	0.6					2.5	0.157	0.00049	0.27400
BR02-8	HC-24	130	5.2	<0.5	<0.5	8.6	<0.05	<0.01	0.5					2.9	0.145	0.00041	0.25400
BR02-8	HC-24	130	4.4	<0.5	<0.5	7.7	0.06	<0.01	<0.5					2.6	0.118	0.00034	0.22800
BR02-8	HC-24	120	3.8	<0.5	<0.5	7.3	<0.05	<0.01	<0.5					2.6	0.144	0.00031	0.20100
BR02-8	HC-24	130	4.0	<0.5	<0.5	6.9	<0.05	<0.01	<0.5					2.8	0.126	0.00027	0.18500
BR02-8	HC-24	150	3.6	<0.5	<0.5	6.0	<0.05	<0.01	0.8					2.7	0.123	0.00024	0.19200
BR02-8	HC-24	145	3.0	<0.5	<0.5	5.9	<0.05	<0.01	<0.5					2.6	0.105	0.00021	0.16600
BR02-8	HC-24	135	3.5	<0.5	1.4	6.7	<0.05	<0.01	0.6					2.9	0.113	0.00022	0.15200
BR02-8	HC-24	130	3.4	<0.5	<0.5	5.9	<0.05	<0.01	<0.5					2.8	0.116	0.00019	0.14300
BR02-8	HC-24	140	3.9	<0.5	<0.5	5.0	<0.05	<0.01	1.5					3.0	0.097	0.00017	0.13800
BR02-8	HC-24	135	3.4	<0.5	<0.5	5.5	<0.05	<0.01	<0.5					3.2	0.084	0.00018	0.10600
BR02-8	HC-24	140	3.1	<0.5	<0.5	4.8	<0.05	<0.01	<0.5					3.0	0.105	0.00015	0.12400
BR02-8	HC-24	130	3.1	<0.5	<0.5	5.1	<0.05	<0.01	<0.5					3.2	0.0788	0.00014	0.11200
BR02-8	HC-24																
BR02-8	HC-24	140	2.7	<0.5	<0.5	4.8	<0.05	<0.01	<0.5					3.1	0.0775	0.00013	0.09340
BR02-8	HC-24																
BR02-8	HC-24	130	3.1	<0.5	<0.5	5.1	<0.05	<0.01	<0.5					3.1	0.0711	0.00013	0.09310
BR02-8	HC-24																
BR02-8	HC-24	125	2.6	<0.5	<0.5	3.9	<0.05	<0.01	0.7					2.9	0.0854	0.00010	0.08670
BR02-8	HC-24																
BR02-8	HC-24	135	2.4	<0.5	<0.5	3.1	<0.05	<0.01	<0.5					2.9	0.0570	0.00011	0.07380
BR02-8	HC-24																
BR02-8	HC-24	125	1.8	<0.5	<0.5	3.4	<0.05	<0.01	<0.5					2.7	0.0500	0.00009	0.05820
BR02-8	HC-24																
BR02-8	HC-24	115	3.0	<0.5	<0.5	3.5	<0.05	<0.01	<0.5					2.7	0.0439	0.00009	0.06140
BR02-8	HC-24																
BR02-8	HC-24	140	2.3	<0.5	0.6	2.6	<0.05	<0.01	<0.5					2.6	0.0296	0.00010	0.05140
BR02-8	HC-24																
BR02-8	HC-24	120	2.7	<0.5	<0.5	3.2	<0.05	<0.01	<0.5					2.6	0.0303	0.00008	0.05370
BR02-8	HC-24																
BR02-8	HC-24	130	2.6	<0.5	<0.5	2.9	<0.05	<0.01	<0.5					2.9	0.0212	0.00008	0.04110
BR02-8	HC-24																
BR02-8	HC-24	145	2.8	<0.5	<0.5	2.6	<0.05	<0.01	<0.5					2.8	0.0212	0.00009	0.04280
BR02-8	HC-24																
BR02-8	HC-24	135	2.7	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					3.0	0.0163	0.00009	0.04690
BR02-8	HC-24																
BR02-8	HC-24	120	2.6	<0.5	<0.5	2.1	<0.05	<0.01	<0.5					2.2	0.0238	0.00007	0.04390
BR02-8	HC-24																
BR02-8	HC-24	125	3.6	<0.5	<0.5	1.7	<0.05	<0.01	<0.5					2.7	0.0240	0.00008	0.04710
BR02-8	HC-24																
BR02-8	HC-24	120	2.8	<0.5	<0.5	1.4	<0.05	<0.01	0.6					2.4	0.0148	0.00007	0.04480
BR02-8	HC-24																
BR02-8	HC-24	120	4.1	<0.5	<0.5	1.1	<0.05	<0.01	<0.5					2.3	0.0119	0.00009	0.05970
BR02-8	HC-24																
BR02-8	HC-24	115	2.5	<0.5	1.2	1.6	<0.05	<0.01	<0.5					2.3	0.0181	0.00008	0.06060
BR02-8	HC-24																
BR02-8	HC-24	110	3.6	<0.5	<0.5	1.1	<0.05	<0.01	<0.5					2.3	0.0195	0.00007	0.05800

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-8	HC-24	0.00120	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.40	0.0001	0.000096	0.00020	<0.00005	0.057	0.000035	0.0115	0.37
BR02-8	HC-24	0.00124	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.39	0.0002	0.000091	0.00021	<0.00005	0.084	0.000055	0.0100	0.30
BR02-8	HC-24	0.00156	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.36	0.0002	0.000089	0.00020	<0.00005	0.081	0.000042	0.0080	0.32
BR02-8	HC-24	0.00123	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.39	0.0002	0.000085	0.00053	<0.00005	0.053	0.000044	0.0086	0.38
BR02-8	HC-24	0.00091	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.34	0.0001	0.000079	0.00033	<0.00005	0.040	0.000026	0.0073	0.39
BR02-8	HC-24	0.00100	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.43	0.0001	0.000100	0.00031	<0.00005	0.049	0.000033	0.0068	0.45
BR02-8	HC-24	0.00069	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.36	0.0002	0.000072	0.00064	<0.00005	0.036	0.000031	0.0059	0.41
BR02-8	HC-24	0.00090	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.36	0.0001	0.000077	0.00081	<0.00005	0.046	0.000044	0.0054	0.41
BR02-8	HC-24	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.40	0.0001	0.000071	0.00033	<0.00005	0.040	0.000037	0.0046	0.44
BR02-8	HC-24	0.00076	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.39	<0.0001	0.000068	0.00036	<0.00005	0.032	0.000025	0.0043	0.41
BR02-8	HC-24	0.00067	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.35	<0.0001	0.000078	0.00012	<0.00005	0.030	0.000028	0.0045	0.43
BR02-8	HC-24	0.00072	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.39	<0.0001	0.000081	0.00031	<0.00005	0.025	0.000024	0.0043	0.46
BR02-8	HC-24	0.00078	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.37	<0.0001	0.000071	0.00009	<0.00005	0.039	0.000032	0.0041	0.45
BR02-8	HC-24	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.36	<0.0001	0.000061	0.00013	<0.00005	0.032	0.000015	0.0041	0.49
BR02-8	HC-24	0.00078	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.42	<0.0001	0.000082	<0.00005	<0.00005	0.025	0.000032	0.0045	0.53
BR02-8	HC-24	0.00075	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.41	0.0001	0.000070	0.00008	<0.00005	0.032	0.000024	0.0037	0.48
BR02-8	HC-24	0.00062	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.42	<0.0001	0.000062	0.00012	<0.00005	0.020	0.000021	0.0035	0.53
BR02-8	HC-24															
BR02-8	HC-24	0.00069	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.41	0.0003	0.000077	0.00009	<0.00005	0.023	0.000022	0.0032	0.50
BR02-8	HC-24															
BR02-8	HC-24	0.00062	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.39	0.0002	0.000060	0.00008	<0.00005	0.018	0.000018	0.0029	0.51
BR02-8	HC-24															
BR02-8	HC-24	0.00079	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.39	0.0001	0.000080	0.00025	<0.00005	0.027	0.000030	0.0028	0.48
BR02-8	HC-24															
BR02-8	HC-24	0.00069	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.37	0.0001	0.000066	0.00006	<0.00005	0.019	0.000023	0.0026	0.48
BR02-8	HC-24															
BR02-8	HC-24	0.00053	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.34	<0.0001	0.000070	0.00011	<0.00005	0.014	0.000015	0.0023	0.44
BR02-8	HC-24															
BR02-8	HC-24	0.00062	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.33	<0.0001	0.000070	<0.00005	<0.00005	0.011	0.000014	0.0023	0.45
BR02-8	HC-24															
BR02-8	HC-24	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.33	<0.0001	0.000076	0.00015	<0.00005	0.010	0.000010	0.0021	0.42
BR02-8	HC-24															
BR02-8	HC-24	0.00045	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.32	<0.0001	0.000076	0.00013	<0.00005	0.008	0.000016	0.0022	0.43
BR02-8	HC-24															
BR02-8	HC-24	0.00048	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.35	<0.0001	0.000090	0.00009	<0.00005	0.007	0.000013	0.0018	0.50
BR02-8	HC-24															
BR02-8	HC-24	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.32	<0.0001	0.000089	0.00008	<0.00005	0.006	0.000013	0.0027	0.48
BR02-8	HC-24															
BR02-8	HC-24	0.00049	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.36	<0.0001	0.000104	0.00026	<0.00005	0.006	0.000010	0.0024	0.50
BR02-8	HC-24															
BR02-8	HC-24	0.00056	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.28	<0.0001	0.000234	0.00009	<0.00005	0.011	0.000020	0.0019	0.36
BR02-8	HC-24															
BR02-8	HC-24	0.00051	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.33	<0.0001	0.000164	0.00016	<0.00005	0.009	0.000014	0.0018	0.46
BR02-8	HC-24															
BR02-8	HC-24	0.00054	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.31	0.0001	0.000096	<0.00005	<0.00005	0.005	0.000474	0.0021	0.40
BR02-8	HC-24															
BR02-8	HC-24	0.00048	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.30	<0.0001	0.000097	0.00009	<0.00005	0.005	0.000009	0.0017	0.38
BR02-8	HC-24															
BR02-8	HC-24	0.00052	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.28	<0.0001	0.000074	0.00010	<0.00005	0.006	0.000008	0.0019	0.39
BR02-8	HC-24															
BR02-8	HC-24	0.00052	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.29	<0.0001	0.000075	0.00006	<0.00005	0.006	0.000011	0.0016	0.39

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-8	HC-24	0.00085	<0.00001	0.021	0.00501	0.00044	7.57	0.00680	0.00033	2.5	<0.000005	7.15	0.00587	<10	<0.00002	<0.000002
BR02-8	HC-24	0.00098	<0.00001	0.027	0.00241	0.00048	6.36	0.00551	0.00037	3.0	<0.000005	5.02	0.00407	<10	<0.00002	0.000002
BR02-8	HC-24	0.00107	<0.00001	0.021	0.00183	0.00039	6.10	0.00505	0.00020	2.8	<0.000005	4.07	0.00472	<10	<0.00002	0.000002
BR02-8	HC-24	0.00104	<0.00001	0.016	0.00147	0.00033	6.01	0.00528	0.00018	2.4	<0.000005	3.38	0.00514	<10	<0.00002	0.000002
BR02-8	HC-24	0.00084	<0.00001	0.020	0.00127	0.00031	5.49	0.00471	0.00015	2.5	<0.000005	2.72	0.00491	<10	<0.00002	0.000002
BR02-8	HC-24	0.00091	<0.00001	0.009	0.00113	0.00032	5.27	0.00460	0.00017	3.1	<0.000005	2.32	0.00566	<10	<0.00002	0.000002
BR02-8	HC-24	0.00101	<0.00001	0.009	0.00089	0.00026	4.92	0.00425	0.00010	2.8	<0.000005	1.91	0.00485	<10	<0.00002	<0.000002
BR02-8	HC-24	0.00094	<0.00001	0.008	0.00077	0.00027	4.56	0.00390	0.00011	2.7	<0.000005	1.59	0.00520	<10	<0.00002	<0.000002
BR02-8	HC-24	0.00098	<0.00001	0.005	0.00066	0.00022	4.33	0.00385	0.00009	3.1	<0.000005	1.39	0.00555	<10	<0.00002	0.000003
BR02-8	HC-24	0.00082	<0.00001	0.006	0.00070	0.00017	4.15	0.00363	0.00012	3.2	<0.000005	1.20	0.00495	<10	<0.00002	<0.000002
BR02-8	HC-24	0.00091	<0.00001	0.004	0.00062	0.00020	3.82	0.00343	0.00012	2.8	<0.000005	1.11	0.00489	<10	<0.00002	0.000002
BR02-8	HC-24	0.00083	<0.00001	0.004	0.00060	0.00021	3.78	0.00341	0.00008	2.9	<0.000005	1.05	0.00570	<10	<0.00002	<0.000002
BR02-8	HC-24	0.00095	<0.00001	0.004	0.00066	0.00021	3.42	0.00328	0.00008	2.8	<0.000005	0.93	0.00530	<10	<0.00002	<0.000002
BR02-8	HC-24	0.00101	<0.00001	0.002	0.00048	0.00017	3.46	0.00329	0.00010	3.0	<0.000005	0.87	0.00534	<10	<0.00002	0.000002
BR02-8	HC-24	0.00119	<0.00001	<0.002	0.00055	0.00028	3.46	0.00341	0.00009	2.8	<0.000005	0.81	0.00628	<10	<0.00002	0.000002
BR02-8	HC-24	0.00096	0.00003	0.002	0.00060	0.00023	3.14	0.00304	0.00009	3.4	<0.000005	0.76	0.00551	<10	<0.00002	0.000004
BR02-8	HC-24	0.00103	<0.00001	<0.002	0.00042	0.00040	3.16	0.00300	<0.00004	3.2	<0.000005	0.70	0.00584	<10	<0.00002	<0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00111	<0.00001	0.019	0.00044	0.00026	2.71	0.00271	0.00011	3.1	<0.000005	0.61	0.00559	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00111	<0.00001	<0.002	0.00047	0.00021	2.67	0.00280	0.00006	3.0	<0.000005	0.57	0.00571	<10	<0.00002	<0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00120	0.00001	0.005	0.00041	0.00053	2.38	0.00239	0.00007	2.9	<0.000005	0.51	0.00501	<10	0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00119	<0.00001	0.002	0.00037	0.00016	2.14	0.00233	0.00007	2.7	<0.000005	0.46	0.00499	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00128	<0.00001	0.003	0.00027	0.00016	1.98	0.00214	0.00005	2.4	<0.000005	0.39	0.00458	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00140	<0.00001	<0.002	0.00032	0.00017	1.88	0.00226	0.00007	2.4	<0.000005	0.36	0.00506	<10	<0.00002	<0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00131	<0.00001	0.008	0.00029	0.00035	1.72	0.00216	0.00005	2.3	<0.000005	0.34	0.00461	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00133	<0.00001	0.007	0.00026	0.00021	1.70	0.00206	0.00009	2.2	<0.000005	0.34	0.00460	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00163	<0.00001	0.004	0.00027	0.00031	1.75	0.00219	0.00005	2.3	<0.000005	0.34	0.00466	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00188	<0.00001	0.003	0.00028	0.00035	1.63	0.00217	0.00006	2.0	<0.000005	0.32	0.00506	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00187	<0.00001	0.002	0.00037	0.00024	1.72	0.00201	0.00006	2.3	<0.000005	0.34	0.00499	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00183	<0.00001	0.010	0.00022	0.00053	1.43	0.00192	0.00007	1.9	<0.000005	0.29	0.00413	<10	<0.00002	<0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00201	<0.00001	0.010	0.00025	0.00023	1.51	0.00221	0.00008	2.1	<0.000005	0.31	0.00485	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00223	<0.00001	0.007	0.00022	0.00026	1.37	0.00207	0.00006	2.0	<0.000005	0.28	0.00480	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00215	<0.00001	0.005	0.00024	0.00039	1.44	0.00192	0.00005	2.1	<0.000005	0.29	0.00440	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00189	<0.00001	0.020	0.00028	0.00028	1.43	0.00186	0.00005	2.1	<0.000005	0.29	0.00435	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00189	<0.00001	0.004	0.00023	0.00024	1.42	0.00182	<0.00004	2.0	<0.000005	0.27	0.00422	<10	<0.00002	0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-8	HC-24	0.000007	0.0000	0.0011	0.01630	0.000903	0.0021	0.0003	0.0001	<0.002				0.57	0.58	-1.13
BR02-8	HC-24	0.000010	0.0002	0.0013	0.00951	0.000794	0.0022	0.0004	0.0002	<0.002				0.46	0.46	0.00
BR02-8	HC-24	0.000024	0.0001	0.0014	0.00901	0.000558	0.0023	0.0003	<0.0001	<0.002				0.37	0.41	-4.98
BR02-8	HC-24	0.000014	0.0003	0.0006	0.00811	0.000479	0.0019	0.0012	<0.0001	0.002				0.35	0.38	-3.88
BR02-8	HC-24	0.000008	0.0001	0.0005	0.00764	0.000372	0.0020	0.0002	<0.0001	<0.002				0.33	0.33	1.06
BR02-8	HC-24	<0.000005	0.0001	0.0015	0.00733	0.000351	0.0018	0.0003	<0.0001	0.005				0.29	0.31	-3.14
BR02-8	HC-24	0.000012	0.0001	0.0014	0.00710	0.000278	0.0018	0.0004	0.0002	0.007				0.25	0.28	-4.76
BR02-8	HC-24	0.000087	0.0009	0.0011	0.00670	0.000253	0.0018	0.0003	0.0001	<0.002				0.23	0.26	-6.25
BR02-8	HC-24	0.000009	0.0001	0.0009	0.00636	0.000214	0.0016	0.0004	0.0001	<0.002				0.22	0.24	-4.74
BR02-8	HC-24	<0.000005	0.0002	0.0013	0.00626	0.000190	0.0016	0.0003	<0.0001	<0.002				0.22	0.23	-2.26
BR02-8	HC-24	<0.000005	0.0000	<0.0005	0.00679	0.000181	0.0016	0.0001	<0.0001	<0.002				0.18	0.21	-7.65
BR02-8	HC-24	0.000038	0.0000	0.0006	0.00685	0.000187	0.0015	0.0011	<0.0001	<0.002				0.22	0.21	2.52
BR02-8	HC-24	0.000007	0.0001	0.0009	0.00701	0.000151	0.0022	0.0003	<0.0001	<0.002				0.19	0.20	-2.06
BR02-8	HC-24	<0.000005	<0.00001	<0.0005	0.00514	0.000125	0.0013	0.0003	<0.0001	<0.002				0.22	0.20	6.19
BR02-8	HC-24	0.000006	<0.0002	0.0006	0.00695	0.000141	0.0018	0.0001	0.0001	<0.002				0.18	0.20	-4.21
BR02-8	HC-24	<0.000005	<0.0002	0.0006	0.00739	0.000134	0.0012	<0.0001	<0.0001	<0.002				0.16	0.19	-7.20
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00654	0.000111	0.0021	0.0001	<0.0001	<0.002				0.17	0.19	-5.11
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	0.0015	0.0005	0.00648	0.000105	0.0020	0.0004	<0.0001	<0.002				0.15	0.17	-4.38
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	0.0012	<0.0005	0.00694	0.000091	0.0010	0.0003	<0.0001	<0.002				0.17	0.16	1.51
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	0.0006	0.00640	0.000081	0.0010	0.0011	<0.0001	<0.002				0.15	0.15	0.00
BR02-8	HC-24															
BR02-8	HC-24	0.000025	<0.0002	<0.0005	0.00584	0.000073	0.0007	0.0002	<0.0001	<0.002				0.11	0.14	-10.30
BR02-8	HC-24															
BR02-8	HC-24	0.000006	<0.0002	<0.0005	0.00498	0.000061	0.0006	0.0001	<0.0001	<0.002				0.11	0.13	-9.48
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00527	0.000061	0.0008	0.0002	<0.0001	<0.002				0.13	0.12	3.53
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00450	0.000046	0.0005	0.0005	<0.0001	<0.002				0.10	0.11	-6.60
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	0.0003	<0.0005	0.00419	0.000036	0.0005	0.0007	0.0001	<0.002				0.12	0.11	2.59
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00402	0.000039	0.0004	0.0002	<0.0001	<0.002				0.11	0.12	-3.86
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00358	0.000034	0.0004	0.0002	<0.0001	<0.002				0.11	0.11	-0.44
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00333	0.000028	0.0005	0.0001	<0.0001	<0.002				0.11	0.12	-6.19
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00312	0.000025	0.0003	0.0004	<0.0001	<0.002				0.10	0.10	0.00
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00310	0.000027	0.0003	0.0002	<0.0001	<0.002				0.11	0.11	-0.92
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00286	0.000024	0.0003	0.0002	<0.0001	<0.002				0.10	0.10	3.48
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00370	0.000022	0.0004	0.0002	<0.0001	<0.002				0.11	0.10	4.43
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00366	0.000023	0.0004	0.0002	<0.0001	<0.002				0.08	0.10	-8.29
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	0.0010	0.00312	0.000023	0.0005	0.0002	<0.0001	<0.002				0.10	0.10	-0.52

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	54	03-Feb-14	500	465		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	55	10-Feb-14	500	470	6.68	12.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	56	17-Feb-14	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	57	24-Feb-14	500	455	6.50	13.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	58	03-Mar-14	500	465		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	59	10-Mar-14	500	445	6.61	13.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	60	17-Mar-14	500	475		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	61	24-Mar-14	500	470	6.53	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	62	31-Mar-14	500	475		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	63	07-Apr-14	500	465	6.55	14.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	64	14-Apr-14	500	485		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	65	21-Apr-14	500	490	6.47	13.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	66	28-Apr-14	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	67	05-May-14	500	485	6.44	15.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	68	12-May-14	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	69	19-May-14	500	465	6.44	16.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	70	26-May-14	500	485		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	71	02-Jun-14	500	480	6.51	13.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	72	09-Jun-14	500	460		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	73	16-Jun-14	500	470	6.37	13.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	74	23-Jun-14	500	470		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	75	30-Jun-14	500	465	6.32	11.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	76	07-Jul-14	500	475		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	77	14-Jul-14	500	465	6.36	11.0
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	78	21-Jul-14	500	485		
BR02-8	HC-24	Llama	Felsic Dike	10GSE32	132.85	137.08	0.07	0.06	0.01	12.00	#VALUE!	79	28-Jul-14	500	470	6.41	10.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	0	21-Jan-13	750	595	9.32	131
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	1	28-Jan-13	500	465	8.66	114
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	2	04-Feb-13	500	480	8.21	70.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	3	11-Feb-13	500	470	8.08	51.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	4	18-Feb-13	500	465	7.80	42.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	5	25-Feb-13	500	470	7.80	32.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	6	04-Mar-13	500	475	7.82	32.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	7	11-Mar-13	500	470	7.67	30.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	8	18-Mar-13	500	470	7.73	31.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	9	25-Mar-13	500	480	7.63	28.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	10	01-Apr-13	500	465	7.68	28.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	11	08-Apr-13	500	485	7.64	25.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	12	15-Apr-13	500	465	7.55	23.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	13	22-Apr-13	500	485	7.56	23.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	14	29-Apr-13	500	475	7.61	22.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	15	06-May-13	500	465	7.58	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	16	13-May-13	500	465	7.51	20.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-8	HC-24																
BR02-8	HC-24	115	3.9	<0.5	<0.5	1.4	<0.05	<0.01	<0.5					2.6	0.0190	0.00008	0.07900
BR02-8	HC-24																
BR02-8	HC-24	130	2.5	<0.5	0.5	1.8	<0.05	<0.01	<0.5					2.4	0.0204	0.00008	0.07560
BR02-8	HC-24																
BR02-8	HC-24	145	3.5	<0.5	<0.5	2.1	<0.05	<0.01	<0.5					2.5	0.0183	0.00010	0.08210
BR02-8	HC-24																
BR02-8	HC-24	130	2.6	<0.5	<0.5	1.4	<0.05	<0.01	<0.5					2.5	0.0096	0.00008	0.07200
BR02-8	HC-24																
BR02-8	HC-24	140	2.6	<0.5	<0.5	1.3	<0.05	<0.01	0.6					2.5	0.0111	0.00010	0.07360
BR02-8	HC-24																
BR02-8	HC-24	135	2.5	<0.5	<0.5	1.3	<0.05	<0.01	<0.5					2.2	0.0080	0.00009	0.08080
BR02-8	HC-24																
BR02-8	HC-24	140	2.3	<0.5	<0.5	1.3	<0.05	<0.01	0.8					2.8	0.0095	0.00010	0.08450
BR02-8	HC-24																
BR02-8	HC-24	130	3.1	<0.5	<0.5	1.3	<0.05	<0.01	0.5					2.7	0.0078	0.00009	0.07730
BR02-8	HC-24																
BR02-8	HC-24	130	2.1	<0.5	<0.5	1.0	<0.05	<0.01	0.7					2.4	0.0109	0.00010	0.09110
BR02-8	HC-24																
BR02-8	HC-24	125	2.8	<0.5	<0.5	1.0	<0.05	<0.01	0.8					2.5	0.0134	0.00011	0.101
BR02-8	HC-24																
BR02-8	HC-24	130	1.6	<0.5	<0.5	1.3	<0.05	<0.01	<0.5					2.3	0.0089	0.00009	0.0903
BR02-8	HC-24																
BR02-8	HC-24	130	2.7	<0.5	<0.5	1.1	<0.05	<0.01	0.6					2.6	0.0098	0.00010	0.0987
BR02-8	HC-24																
BR02-8	HC-24	130	2.9	<0.5	<0.5	1.0	<0.05	<0.01	0.6					2.3	0.0030	0.00009	0.0983

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25	100	2.3	<0.5	<0.5	29.8	0.32	0.183	14.8	0.08	0.016			2.5	0.226	0.00047	0.02290
BR02-9	HC-25	125	3.0	<0.5	<0.5	39.5	0.40	0.052	5.1	0.06	<0.005			4.5	0.391	0.00180	0.15400
BR02-9	HC-25	130	2.9	<0.5	<0.5	30.6	0.24	<0.01	0.9	<0.02	<0.005			5.0	0.422	0.00074	0.08190
BR02-9	HC-25	130	2.9	<0.5	<0.5	24.3	0.19	<0.01	0.5	<0.02	<0.005			6.5	0.376	0.00050	0.04930
BR02-9	HC-25	120	2.1	<0.5	<0.5	17.2	0.16	<0.01	<0.5	<0.02	<0.005			7.3	0.394	0.00031	0.03700
BR02-9	HC-25	140	1.7	<0.5	<0.5	15.7	0.12	<0.01	<0.5					6.9	0.358	0.00028	0.03030
BR02-9	HC-25	170	2.0	<0.5	<0.5	14.5	0.09	<0.01	0.7					7.1	0.382	0.00022	0.02250
BR02-9	HC-25	140	2.1	<0.5	<0.5	12.7	0.07	<0.01	<0.5					6.6	0.282	0.00019	0.01870
BR02-9	HC-25	140	2.0	<0.5	<0.5	11.6	0.06	<0.01	0.5					7.4	0.333	0.00017	0.01810
BR02-9	HC-25	130	1.7	<0.5	0.5	10.9	0.06	<0.01	<0.5					6.5	0.257	0.00015	0.01400
BR02-9	HC-25	120	2.1	<0.5	<0.5	10.6	0.05	<0.01	0.9					6.5	0.280	0.00013	0.01400
BR02-9	HC-25	150	2.1	<0.5	<0.5	9.2	0.06	<0.01	<0.5					6.6	0.198	0.00014	0.01370
BR02-9	HC-25	160	2.2	<0.5	0.6	8.6	0.05	<0.01	0.5					6.0	0.187	0.00012	0.01310
BR02-9	HC-25	150	2.2	<0.5	0.6	8.5	<0.05	<0.01	<0.5					5.6	0.214	0.00012	0.01260
BR02-9	HC-25	140	2.1	<0.5	<0.5	8.2	<0.05	<0.01	0.6					5.5	0.261	0.00010	0.01250
BR02-9	HC-25	150	2.3	<0.5	<0.5	8.3	<0.05	<0.01	<0.5					5.6	0.231	0.00009	0.01150
BR02-9	HC-25	150	2.6	<0.5	<0.5	8.5	<0.05	<0.01	0.7					5.8	0.227	0.00010	0.01180

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-8	HC-24															
BR02-8	HC-24	0.00057	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.33	<0.0001	0.000095	0.00009	<0.00005	0.007	0.000013	0.0015	0.43
BR02-8	HC-24															
BR02-8	HC-24	0.00057	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.29	<0.0001	0.000070	0.00021	<0.00005	0.008	0.000023	0.0018	0.39
BR02-8	HC-24															
BR02-8	HC-24	0.00187	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.32	<0.0001	0.000096	0.00010	<0.00005	0.007	0.000011	0.0020	0.42
BR02-8	HC-24															
BR02-8	HC-24	0.00055	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.30	<0.0001	0.000084	0.00006	<0.00005	0.003	0.000015	0.0018	0.41
BR02-8	HC-24															
BR02-8	HC-24	0.00049	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.31	<0.0001	0.000087	0.00007	<0.00005	0.003	0.000005	0.0016	0.42
BR02-8	HC-24															
BR02-8	HC-24	0.00047	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.27	<0.0001	0.000077	<0.00005	<0.00005	0.002	0.000006	0.0015	0.36
BR02-8	HC-24															
BR02-8	HC-24	0.00059	<0.00001	<0.000005	<0.05	<0.00005	0.000005	0.32	<0.0001	0.000124	0.00015	<0.00005	0.005	0.000013	0.0017	0.48
BR02-8	HC-24															
BR02-8	HC-24	0.00056	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.34	<0.0001	0.000103	0.00014	<0.00005	0.005	0.000011	0.0017	0.46
BR02-8	HC-24															
BR02-8	HC-24	0.00050	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.30	<0.0001	0.000130	0.00015	<0.00005	0.004	0.000009	0.0016	0.40
BR02-8	HC-24															
BR02-8	HC-24	0.00057	<0.00001	<0.000005	<0.05	<0.00005	0.000006	0.33	<0.0001	0.000117	0.00008	<0.00005	0.003	0.000010	0.0014	0.39
BR02-8	HC-24															
BR02-8	HC-24	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.29	<0.0001	0.000107	0.00026	<0.00005	0.004	0.000009	0.0013	0.39
BR02-8	HC-24															
BR02-8	HC-24	0.00055	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.33	<0.0001	0.000140	0.00009	<0.00005	0.005	0.000011	0.0014	0.43
BR02-8	HC-24															
BR02-8	HC-24	0.00050	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.30	<0.0001	0.000111	0.00007	<0.00005	0.003	0.000006	0.0013	0.37

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25	0.00211	<0.00001	<0.000005	<0.05	0.00031	<0.000005	0.66	<0.0001	0.000015	0.00089	0.00015	0.092	0.000275	0.0086	0.21
BR02-9	HC-25	0.00239	<0.00001	<0.000005	<0.05	0.00035	<0.000005	1.28	<0.0001	0.000015	0.00103	0.00008	0.067	0.000194	0.0108	0.32
BR02-9	HC-25	0.00143	<0.00001	<0.000005	<0.05	0.00024	<0.000005	1.43	0.0001	0.000009	0.00045	<0.00005	0.023	0.000068	0.0091	0.34
BR02-9	HC-25	0.00130	<0.00001	<0.000005	<0.05	0.00020	<0.000005	1.93	<0.0001	0.000005	0.00017	<0.00005	0.017	0.000057	0.0084	0.42
BR02-9	HC-25	0.00115	<0.00001	<0.000005	<0.05	0.00016	<0.000005	2.26	0.0001	0.000008	0.00016	0.00005	0.019	0.000065	0.0073	0.40
BR02-9	HC-25	0.00129	<0.00001	<0.000005	<0.05	0.00016	<0.000005	2.09	0.0001	0.000005	0.00019	0.00005	0.017	0.000061	0.0056	0.41
BR02-9	HC-25	0.00124	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.18	<0.0001	0.000008	0.00023	<0.00005	0.016	0.000057	0.0058	0.41
BR02-9	HC-25	0.00114	<0.00001	<0.000005	<0.05	0.00013	<0.000005	2.00	0.0001	0.000005	0.00043	<0.00005	0.016	0.000065	0.0045	0.39
BR02-9	HC-25	0.00108	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.29	0.0001	0.000007	0.00022	<0.00005	0.016	0.000060	0.0047	0.41
BR02-9	HC-25	0.00101	<0.00001	<0.000005	<0.05	0.00009	<0.000005	2.00	0.0002	0.000006	0.00018	<0.00005	0.013	0.000059	0.0036	0.36
BR02-9	HC-25	0.00106	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.99	0.0001	0.000006	0.00021	<0.00005	0.014	0.000061	0.0034	0.37
BR02-9	HC-25	0.00113	<0.00001	<0.000005	<0.05	0.00009	<0.000005	2.05	<0.0001	0.000005	0.00026	<0.00005	0.006	0.000035	0.0023	0.36
BR02-9	HC-25	0.00103	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.86	<0.0001	0.000005	0.00021	<0.00005	0.012	0.000058	0.0023	0.33
BR02-9	HC-25	0.00090	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.71	<0.0001	0.000006	0.00012	<0.00005	0.009	0.000052	0.0024	0.32
BR02-9	HC-25	0.00096	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.66	<0.0001	0.000005	0.00014	<0.00005	0.009	0.000051	0.0025	0.32
BR02-9	HC-25	0.00089	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.71	<0.0001	<0.000005	<0.00005	<0.00005	0.009	0.000046	0.0022	0.31
BR02-9	HC-25	0.00118	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.78	<0.0001	<0.000005	0.00016	<0.00005	0.014	0.000076	0.0021	0.32

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00199	<0.00001	0.005	0.00028	0.00021	1.40	0.00192	0.00006	2.3	<0.000005	0.32	0.00480	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00189	<0.00001	0.005	0.00024	0.00037	1.41	0.00184	0.00006	2.3	<0.000005	0.27	0.00421	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00201	<0.00001	0.005	0.00023	0.00033	1.51	0.00192	0.00005	2.4	<0.000005	0.27	0.00495	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00214	<0.00001	<0.002	0.00023	0.00029	1.36	0.00186	0.00006	2.2	<0.000005	0.25	0.00472	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00213	<0.00001	<0.002	0.00021	0.00023	1.37	0.00186	0.00006	2.2	<0.000005	0.25	0.00468	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00191	<0.00001	0.006	0.00020	0.00022	1.29	0.00177	0.00008	2.0	<0.000005	0.24	0.00411	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00277	<0.00001	<0.002	0.00021	0.00027	1.47	0.00200	0.00007	2.0	<0.000005	0.26	0.00536	<10	<0.00002	0.000003
BR02-8	HC-24															
BR02-8	HC-24	0.00280	<0.00001	0.004	0.00022	0.00041	1.32	0.00203	0.00006	2.2	<0.000005	0.25	0.00561	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00275	<0.00001	0.005	0.00021	0.00027	1.30	0.00190	0.00005	2.0	<0.000005	0.22	0.00508	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00306	<0.00001	0.002	0.00020	0.00031	1.21	0.00194	0.00005	2.2	<0.000005	0.22	0.00528	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00281	<0.00001	0.006	0.00020	0.00044	1.14	0.00173	0.00006	1.9	0.000008	0.20	0.00461	<10	<0.00002	0.000006
BR02-8	HC-24															
BR02-8	HC-24	0.00322	<0.00001	0.003	0.00019	0.00042	1.25	0.00188	<0.00004	2.2	<0.000005	0.22	0.00481	<10	<0.00002	0.000002
BR02-8	HC-24															
BR02-8	HC-24	0.00317	<0.00001	0.003	0.00016	0.00036	1.14	0.00176	<0.00004	2.0	<0.000005	0.19	0.00470	<10	<0.00002	0.000002

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25	0.00094	<0.00001	0.091	0.00155	0.00029	12.00	0.01100	0.00006	3.7	<0.000005	16.80	0.00575	<10	<0.00002	0.000003
BR02-9	HC-25	0.00110	<0.00001	0.057	0.00789	0.00034	12.10	0.01200	0.00023	3.4	<0.000005	13.10	0.00987	<10	<0.00002	0.000004
BR02-9	HC-25	0.00075	0.00001	0.027	0.00224	0.00010	9.52	0.00881	<0.00004	3.0	<0.000005	6.98	0.01020	<10	<0.00002	0.000003
BR02-9	HC-25	0.00087	<0.00001	0.014	0.00102	0.00010	7.99	0.00771	0.00013	2.7	<0.000005	4.17	0.01210	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00095	<0.00001	0.013	0.00061	0.00008	6.17	0.00638	0.00009	3.2	<0.000005	2.60	0.01080	<10	<0.00002	0.000003
BR02-9	HC-25	0.00114	<0.00001	0.009	0.00039	0.00010	5.72	0.00556	0.00006	2.6	<0.000005	2.13	0.01160	<10	<0.00002	0.000002
BR02-9	HC-25	0.00114	<0.00001	0.008	0.00030	0.00005	4.81	0.00497	0.00008	2.3	<0.000005	1.70	0.01110	<10	<0.00002	0.000002
BR02-9	HC-25	0.00119	<0.00001	0.017	0.00021	0.00007	3.98	0.00415	0.00009	2.1	<0.000005	1.39	0.01020	<10	<0.00002	0.000002
BR02-9	HC-25	0.00118	<0.00001	0.005	0.00018	0.00006	3.94	0.00421	0.00007	2.9	<0.000005	1.34	0.01040	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00118	<0.00001	0.007	0.00014	0.00006	3.32	0.00335	0.00007	2.3	<0.000005	1.07	0.00917	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00129	<0.00001	0.003	0.00014	0.00012	3.17	0.00323	<0.00004	2.2	<0.000005	1.02	0.00920	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00121	<0.00001	<0.002	0.00012	0.00005	2.96	0.00318	<0.00004	2.5	<0.000005	0.91	0.00923	<10	<0.00002	0.000002
BR02-9	HC-25	0.00132	<0.00001	0.003	0.00016	0.00004	2.73	0.00309	<0.00004	2.4	<0.000005	0.80	0.00815	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00125	<0.00001	<0.002	0.00011	0.00006	2.60	0.00301	<0.00004	2.3	<0.000005	0.78	0.00772	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00127	<0.00001	<0.002	0.00014	0.00007	2.55	0.00266	0.00004	2.4	<0.000005	0.79	0.00794	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00136	<0.00001	0.002	0.00014	0.00005	2.37	0.00269	0.00008	2.3	<0.000005	0.73	0.00775	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00153	<0.00001	<0.002	0.00016	0.00007	2.32	0.00286	0.00005	2.9	<0.000005	0.70	0.00782	<10	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00388	0.000022	0.0005	0.0003	<0.0001	<0.002				0.11	0.10	2.80
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00349	0.000023	0.0006	0.0003	<0.0001	<0.002				0.09	0.10	-6.01
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00405	0.000020	0.0005	0.0010	<0.0001	<0.002				0.12	0.10	5.45
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00297	0.000020	0.0003	0.0003	<0.0001	<0.002				0.08	0.10	-8.47
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00327	0.000019	0.0004	0.0002	<0.0001	<0.002				0.10	0.10	0.00
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	0.0007	0.00326	0.000019	0.0005	0.0003	<0.0001	<0.002				0.08	0.09	-5.39
BR02-8	HC-24															
BR02-8	HC-24	0.000005	<0.0002	<0.0005	0.00309	0.000024	0.0004	0.0003	<0.0001	<0.002				0.10	0.11	-5.47
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00266	0.000024	0.0003	0.0007	<0.0001	<0.002				0.11	0.10	2.42
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00246	0.000018	0.0003	0.0003	<0.0001	<0.002				0.08	0.09	-5.68
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00268	0.000019	0.0004	0.0002	<0.0001	<0.002				0.100	0.0910	4.71
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00206	0.000013	0.0003	0.0003	<0.0001	<0.002				0.0600	0.0860	-17.8
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00208	0.000018	0.0003	0.0010	<0.0001	<0.002				0.0950	0.0950	0.00
BR02-8	HC-24															
BR02-8	HC-24	<0.000005	<0.0002	<0.0005	0.00182	0.000017	<0.0002	0.0003	<0.0001	<0.002				0.100	0.0830	9.29

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25	0.000027	0.0001	0.0009	0.03530	0.000293	0.0003	0.0006	0.0001	<0.002				1.08	1.12	-1.78
BR02-9	HC-25	0.000011	0.0002	0.0009	0.01950	0.006320	0.0007	0.0023	<0.0001	<0.002				1.02	1.02	0.20
BR02-9	HC-25	0.000008	0.0004	<0.0005	0.00485	0.008200	0.0003	0.0005	<0.0001	<0.002				0.71	0.69	1.21
BR02-9	HC-25	0.000005	0.0000	<0.0005	0.00267	0.008570	0.0002	0.0004	<0.0001	<0.002				0.57	0.56	1.15
BR02-9	HC-25	<0.000005	0.0001	<0.0005	0.00175	0.006100	0.0002	0.0002	<0.0001	<0.002				0.39	0.46	-7.94
BR02-9	HC-25	<0.000005	0.0001	<0.0005	0.00198	0.004750	0.0004	0.0005	<0.0001	<0.002				0.36	0.42	-8.01
BR02-9	HC-25	0.000009	0.0002	<0.0005	0.00162	0.003580	0.0002	0.0004	<0.0001	<0.002				0.35	0.38	-4.08
BR02-9	HC-25	<0.000005	0.0004	<0.0005	0.00172	0.002510	0.0005	0.0004	<0.0001	<0.002				0.30	0.33	-4.15
BR02-9	HC-25	<0.000005	0.0001	<0.0005	0.00173	0.002190	0.0003	0.0003	<0.0001	0.002				0.29	0.35	-8.32
BR02-9	HC-25	0.000025	0.0001	<0.0005	0.00145	0.001490	<0.0002	0.0004	<0.0001	0.009				0.26	0.29	-6.23
BR02-9	HC-25	<0.000005	0.0002	<0.0005	0.00143	0.001300	0.0003	0.0006	<0.0001	<0.002				0.28	0.29	-0.88
BR02-9	HC-25	<0.000005	0.0002	<0.0005	0.00145	0.000920	<0.0002	0.0002	<0.0001	<0.002				0.23	0.27	-7.60
BR02-9	HC-25	0.000007	0.0002	<0.0005	0.00146	0.000717	<0.0002	0.0003	<0.0001	<0.002				0.24	0.25	-2.29
BR02-9	HC-25	<0.000005	0.0000	<0.0005	0.00140	0.000640	0.0003	<0.0001	<0.0001	<0.002				0.22	0.24	-4.66
BR02-9	HC-25	<0.000005	0.0000	<0.0005	0.00136	0.000646	0.0002	0.0003	<0.0001	<0.002				0.23	0.24	-2.59
BR02-9	HC-25	<0.000005	0.0000	<0.0005	0.00127	0.000535	0.0006	0.0002	<0.0001	<0.002				0.21	0.23	-3.39
BR02-9	HC-25	<0.000005	<0.00001	<0.0005	0.00173	0.000498	<0.0002	0.0001	<0.0001	<0.002				0.24	0.23	2.53

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	17	20-May-13	500	480	7.42	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	18	27-May-13	500	475	7.53	18.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	19	03-Jun-13	500	480	7.44	20.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	20	10-Jun-13	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	21	17-Jun-13	500	475	7.51	20.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	22	24-Jun-13	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	23	01-Jul-13	500	470	7.41	20.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	24	08-Jul-13	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	25	15-Jul-13	500	460	7.37	19.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	26	22-Jul-13	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	27	29-Jul-13	500	475	7.39	17.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	28	05-Aug-13	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	29	12-Aug-13	500	495	7.29	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	30	19-Aug-13	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	31	26-Aug-13	500	460	7.20	17.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	32	02-Sep-13	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	33	09-Sep-13	500	465	7.15	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	34	16-Sep-13	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	35	23-Sep-13	500	470	6.98	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	36	30-Sep-13	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	37	07-Oct-13	500	455	6.95	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	38	14-Oct-13	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	39	21-Oct-13	500	475	6.91	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	40	28-Oct-13	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	41	04-Nov-13	500	480	7.05	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	42	11-Nov-13	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	43	18-Nov-13	500	470	6.85	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	44	25-Nov-13	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	45	02-Dec-13	500	455	6.84	17.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	46	09-Dec-13	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	47	16-Dec-13	500	455	6.59	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	48	23-Dec-13	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	49	30-Dec-13	500	465	6.53	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	50	06-Jan-14	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	51	13-Jan-14	500	485	6.76	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	52	20-Jan-14	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	53	27-Jan-14	500	455	6.65	15.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	54	03-Feb-14	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	55	10-Feb-14	500	455	6.74	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	56	17-Feb-14	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	57	24-Feb-14	500	465	6.48	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	58	03-Mar-14	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	59	10-Mar-14	500	470	6.65	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	60	17-Mar-14	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	61	24-Mar-14	500	470	6.56	15.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	62	31-Mar-14	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	63	07-Apr-14	500	465	6.51	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	64	14-Apr-14	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	65	21-Apr-14	500	490	6.54	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	66	28-Apr-14	500	440		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	67	05-May-14	500	490	6.42	13.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25	140	2.2	<0.5	<0.5	8.6	0.05	<0.01	<0.5					6.1	0.177	0.00010	0.00998
BR02-9	HC-25	140	1.9	<0.5	<0.5	7.4	<0.05	<0.01	<0.5					4.9	0.170	0.00008	0.01020
BR02-9	HC-25	140	1.7	<0.5	<0.5	7.4	<0.05	<0.01	0.6					5.2	0.135	0.00008	0.00925
BR02-9	HC-25																
BR02-9	HC-25	130	1.9	<0.5	<0.5	6.9	<0.05	<0.01	<0.5					4.7	0.141	0.00008	0.00930
BR02-9	HC-25																
BR02-9	HC-25	125	2.2	<0.5	<0.5	6.9	0.06	<0.01	0.6					5.2	0.138	0.00007	0.00948
BR02-9	HC-25																
BR02-9	HC-25	135	1.9	<0.5	0.8	6.6	<0.05	<0.01	<0.5					4.7	0.118	0.00006	0.00876
BR02-9	HC-25																
BR02-9	HC-25	140	1.8	<0.5	<0.5	5.2	0.05	<0.01	<0.5					4.2	0.109	0.00007	0.00763
BR02-9	HC-25																
BR02-9	HC-25	130	1.2	<0.5	<0.5	4.7	<0.05	<0.01	<0.5					3.7	0.0785	0.00005	0.00702
BR02-9	HC-25																
BR02-9	HC-25	120	2.3	<0.5	<0.5	5.4	0.06	<0.01	<0.5					4.2	0.0605	0.00006	0.00826
BR02-9	HC-25																
BR02-9	HC-25	160	1.3	<0.5	<0.5	3.8	<0.05	<0.01	<0.5					3.3	0.0367	0.00006	0.00595
BR02-9	HC-25																
BR02-9	HC-25	145	1.7	<0.5	<0.5	3.7	<0.05	<0.01	<0.5					3.4	0.0306	0.00006	0.00599
BR02-9	HC-25																
BR02-9	HC-25	140	2.1	<0.5	<0.5	3.2	0.05	<0.01	<0.5					3.9	0.0337	0.00005	0.00580
BR02-9	HC-25																
BR02-9	HC-25	135	2.5	<0.5	<0.5	3.9	0.05	<0.01	<0.5					3.6	0.0335	0.00005	0.00585
BR02-9	HC-25																
BR02-9	HC-25	130	2.7	<0.5	<0.5	3.3	0.05	<0.01	<0.5					3.9	0.0301	0.00005	0.00558
BR02-9	HC-25																
BR02-9	HC-25	125	3.1	<0.5	<0.5	3.3	0.06	<0.01	<0.5					3.9	0.0233	0.00006	0.00592
BR02-9	HC-25																
BR02-9	HC-25	135	4.2	<0.5	<0.5	3.4	0.06	<0.01	<0.5					4.6	0.0251	0.00005	0.00614
BR02-9	HC-25																
BR02-9	HC-25	130	3.3	<0.5	0.6	1.5	<0.05	<0.01	<0.5					3.9	0.0138	0.00004	0.00439
BR02-9	HC-25																
BR02-9	HC-25	120	3.5	<0.5	<0.5	2.1	<0.05	<0.01	<0.5					3.6	0.0134	0.00005	0.00504
BR02-9	HC-25																
BR02-9	HC-25	120	2.4	<0.5	<0.5	1.9	<0.05	<0.01	<0.5					3.1	0.0125	0.00005	0.00469
BR02-9	HC-25																
BR02-9	HC-25	115	4.2	<0.5	<0.5	2.3	0.06	<0.01	<0.5					3.8	0.0118	0.00005	0.00545
BR02-9	HC-25																
BR02-9	HC-25	120	3.9	<0.5	<0.5	1.2	<0.05	<0.01	<0.5					3.2	0.0088	0.00004	0.00440
BR02-9	HC-25																
BR02-9	HC-25	125	3.8	<0.5	<0.5	1.8	<0.05	<0.01	<0.5					3.1	0.0152	0.00004	0.00492
BR02-9	HC-25																
BR02-9	HC-25	145	3.0	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					3.4	0.0093	0.00005	0.00591
BR02-9	HC-25																
BR02-9	HC-25	130	3.1	<0.5	<0.5	1.5	<0.05	<0.01	<0.5					2.9	0.0063	0.00004	0.00484
BR02-9	HC-25																
BR02-9	HC-25	145	3.5	<0.5	0.6	1.4	0.06	<0.01	<0.5					3.0	0.0075	0.00006	0.00573
BR02-9	HC-25																
BR02-9	HC-25	130	2.8	<0.5	<0.5	1.6	0.06	<0.01	<0.5					2.9	0.0108	0.00005	0.00589
BR02-9	HC-25																
BR02-9	HC-25	135	2.8	<0.5	<0.5	1.0	<0.05	<0.01	<0.5					3.0	0.0065	0.00005	0.00548

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25	0.00090	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.90	<0.0001	0.000005	<0.00005	<0.00005	0.006	0.000035	0.0020	0.32
BR02-9	HC-25	0.00081	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.49	0.0001	<0.000005	<0.00005	<0.00005	0.006	0.000037	0.0016	0.28
BR02-9	HC-25	0.00083	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.61	<0.0001	0.000005	0.00007	<0.00005	0.006	0.000025	0.0015	0.29
BR02-9	HC-25															
BR02-9	HC-25	0.00081	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.43	0.0003	0.000007	0.00009	<0.00005	0.006	0.000035	0.0012	0.27
BR02-9	HC-25															
BR02-9	HC-25	0.00091	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.55	0.0002	0.000006	0.00007	<0.00005	0.005	0.000027	0.0012	0.31
BR02-9	HC-25															
BR02-9	HC-25	0.00079	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.42	0.0001	0.000009	0.00009	<0.00005	0.006	0.000025	0.0011	0.28
BR02-9	HC-25															
BR02-9	HC-25	0.00077	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.24	0.0001	0.000007	0.00007	<0.00005	0.006	0.000023	0.0010	0.27
BR02-9	HC-25															
BR02-9	HC-25	0.00070	<0.00001	<0.000005	<0.05	0.00005	0.000005	1.10	<0.0001	<0.000005	0.00014	<0.00005	0.002	0.000022	0.0009	0.24
BR02-9	HC-25															
BR02-9	HC-25	0.00127	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.24	<0.0001	0.000005	<0.00005	<0.00005	0.002	0.000019	0.0009	0.28
BR02-9	HC-25															
BR02-9	HC-25	0.00074	<0.00001	<0.000005	<0.05	0.00005	0.000006	0.96	<0.0001	0.000007	0.00014	0.00009	0.004	0.000052	0.0006	0.21
BR02-9	HC-25															
BR02-9	HC-25	0.00069	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.99	<0.0001	<0.000005	0.00009	<0.00005	0.003	0.000038	0.0007	0.23
BR02-9	HC-25															
BR02-9	HC-25	0.00087	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.14	<0.0001	0.000008	<0.00005	<0.00005	0.003	0.000039	0.0007	0.25
BR02-9	HC-25															
BR02-9	HC-25	0.00077	<0.00001	<0.000005	<0.05	0.00007	0.000005	1.01	<0.0001	0.000012	0.00008	<0.00005	0.002	0.000023	0.0011	0.26
BR02-9	HC-25															
BR02-9	HC-25	0.00086	<0.00001	<0.000005	<0.05	0.00006	0.000005	1.11	<0.0001	0.000023	0.00012	<0.00005	0.001	0.000018	0.0010	0.28
BR02-9	HC-25															
BR02-9	HC-25	0.00091	<0.00001	<0.000005	<0.05	0.00006	0.000006	1.15	<0.0001	0.000032	0.00013	<0.00005	0.002	0.000019	0.0010	0.25
BR02-9	HC-25															
BR02-9	HC-25	0.00105	<0.00001	<0.000005	<0.05	0.00008	0.000007	1.32	<0.0001	0.000032	0.00009	<0.00005	0.002	0.000023	0.0009	0.31
BR02-9	HC-25															
BR02-9	HC-25	0.00090	<0.00001	<0.000005	<0.05	0.00007	0.000010	1.12	<0.0001	0.000030	0.00007	<0.00005	0.002	0.000033	0.0008	0.27
BR02-9	HC-25															
BR02-9	HC-25	0.00077	<0.00001	<0.000005	<0.05	0.00005	0.000009	1.00	<0.0001	0.000045	0.00006	<0.00005	0.002	0.000018	0.0007	0.26
BR02-9	HC-25															
BR02-9	HC-25	0.00067	<0.00001	<0.000005	<0.05	0.00005	0.000008	0.87	<0.0001	<0.000005	0.00006	<0.00005	0.001	0.000017	0.0009	0.23
BR02-9	HC-25															
BR02-9	HC-25	0.00092	<0.00001	<0.000005	<0.05	0.00006	0.000009	1.06	<0.0001	0.000032	0.00008	0.00005	0.002	0.000016	0.0007	0.28
BR02-9	HC-25															
BR02-9	HC-25	0.00090	<0.00001	<0.000005	<0.05	0.00006	0.000009	0.89	<0.0001	0.000035	0.00018	<0.00005	0.005	0.000031	<0.0005	0.24
BR02-9	HC-25															
BR02-9	HC-25	0.00081	<0.00001	<0.000005	<0.05	0.00006	0.000008	0.84	0.0071	0.000106	0.00033	<0.00005	0.066	0.000023	0.0008	0.24
BR02-9	HC-25															
BR02-9	HC-25	0.00146	<0.00001	<0.000005	<0.05	0.00007	0.000009	0.93	<0.0001	0.000011	0.00008	<0.00005	<0.001	0.000012	0.0008	0.26
BR02-9	HC-25															
BR02-9	HC-25	0.00083	<0.00001	<0.000005	<0.05	0.00007	0.000010	0.78	<0.0001	0.000013	0.00008	<0.00005	<0.001	0.000015	0.0006	0.22
BR02-9	HC-25															
BR02-9	HC-25	0.00081	<0.00001	<0.000005	<0.05	0.00007	0.000009	0.81	<0.0001	0.000008	0.00007	<0.00005	0.005	0.000018	0.0006	0.23
BR02-9	HC-25															
BR02-9	HC-25	0.00075	<0.00001	<0.000005	<0.05	0.00007	0.000013	0.80	<0.0001	0.000033	0.00008	<0.00005	0.003	0.000013	0.0007	0.23
BR02-9	HC-25															
BR02-9	HC-25	0.00078	<0.00001	<0.000005	<0.05	0.00006	0.000013	0.77	<0.0001	0.000016	0.00007	<0.00005	<0.001	0.000015	0.0006	0.25

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25	0.00153	<0.00001	<0.002	0.00011	0.00011	2.29	0.00277	0.00005	2.8	<0.000005	0.66	0.00781	<10	<0.00002	<0.000002
BR02-9	HC-25	0.00140	0.00003	<0.002	0.00006	0.00010	2.08	0.00234	0.00005	2.8	<0.000005	0.58	0.00656	<10	<0.00002	0.000003
BR02-9	HC-25	0.00157	<0.00001	0.002	<0.00005	0.00014	2.02	0.00254	<0.00004	2.6	<0.000005	0.58	0.00685	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00161	<0.00001	0.019	0.00007	0.00013	1.84	0.00234	<0.00004	2.8	<0.000005	0.57	0.00635	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00169	<0.00001	0.003	0.00009	0.00014	1.91	0.00241	0.00004	2.8	<0.000005	0.60	0.00714	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00162	<0.00001	0.007	0.00005	0.00027	1.74	0.00212	<0.00004	2.8	<0.000005	0.53	0.00597	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00169	<0.00001	0.003	<0.00005	0.00007	1.75	0.00223	<0.00004	2.6	<0.000005	0.49	0.00592	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00182	<0.00001	<0.002	<0.00005	0.00005	1.42	0.00200	<0.00004	2.6	<0.000005	0.41	0.00492	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00205	0.00001	<0.002	<0.00005	0.00003	1.38	0.00218	<0.00004	2.9	<0.000005	0.44	0.00619	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00208	<0.00001	0.009	<0.00005	0.00013	1.19	0.00180	<0.00004	2.3	<0.000005	0.38	0.00466	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00228	<0.00001	0.006	<0.00005	0.00011	1.23	0.00191	<0.00004	2.3	<0.000005	0.37	0.00508	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25	0.00248	<0.00001	0.003	<0.00005	0.00012	1.29	0.00212	<0.00004	2.7	<0.000005	0.41	0.00533	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00289	<0.00001	0.003	<0.00005	0.00009	1.27	0.00209	<0.00004	2.6	<0.000005	0.39	0.00475	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00285	<0.00001	0.003	<0.00005	0.00007	1.22	0.00191	0.00004	2.6	<0.000005	0.42	0.00550	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25	0.00337	<0.00001	0.011	<0.00005	0.00030	1.32	0.00220	<0.00004	3.2	<0.000005	0.40	0.00564	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00355	<0.00001	0.007	<0.00005	0.00009	1.25	0.00234	<0.00004	2.9	<0.000005	0.41	0.00638	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00386	<0.00001	0.007	<0.00005	0.00009	0.99	0.00200	<0.00004	1.9	<0.000005	0.34	0.00612	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25	0.00360	<0.00001	0.005	<0.00005	0.00013	1.08	0.00173	<0.00004	2.2	<0.000005	0.34	0.00527	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00351	<0.00001	0.019	<0.00005	0.00017	0.94	0.00161	<0.00004	2.1	<0.000005	0.32	0.00507	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00410	<0.00001	0.002	0.00006	0.00017	1.14	0.00189	<0.00004	2.5	<0.000005	0.36	0.00579	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00417	<0.00001	0.006	<0.00005	0.00008	0.84	0.00159	<0.00004	1.7	<0.000005	0.30	0.00538	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00543	<0.00001	0.004	0.00030	0.00698	0.89	0.00166	<0.00004	2.0	<0.000005	0.30	0.00498	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00435	<0.00001	0.004	<0.00005	0.00009	0.98	0.00178	<0.00004	2.5	<0.000005	0.32	0.00540	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00432	<0.00001	0.005	<0.00005	0.00007	0.83	0.00160	<0.00004	2.0	<0.000005	0.28	0.00500	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00431	<0.00001	<0.002	<0.00005	0.00007	0.93	0.00172	<0.00004	2.3	<0.000005	0.31	0.00515	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00433	<0.00001	0.005	<0.00005	0.00009	0.95	0.00172	0.00004	2.3	<0.000005	0.32	0.00499	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00491	<0.00001	0.003	<0.00005	0.00014	0.84	0.00162	<0.00004	2.0	<0.000005	0.29	0.00528	<10	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00117	0.000425	0.0007	0.0001	<0.0001	<0.002				0.22	0.23	-1.56
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00091	0.000329	0.0002	0.0001	<0.0001	<0.002				0.19	0.20	-2.36
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00107	0.000300	0.0011	0.0001	<0.0001	<0.002				0.20	0.20	1.01
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	0.0014	<0.0005	0.00100	0.000246	0.0011	0.0003	<0.0001	<0.002				0.18	0.18	-1.68
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	0.0011	<0.0005	0.00090	0.000223	<0.0002	0.0002	<0.0001	<0.002				0.20	0.19	2.03
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	0.0003	<0.0005	0.00097	0.000188	<0.0002	0.0005	<0.0001	<0.002				0.17	0.18	-0.57
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00084	0.000167	<0.0002	0.0001	<0.0001	<0.002				0.14	0.16	-6.19
BR02-9	HC-25															
BR02-9	HC-25	0.000005	<0.0002	<0.0005	0.00071	0.000132	<0.0002	0.0003	<0.0001	<0.002				0.12	0.14	-7.03
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00071	0.000138	<0.0002	0.0003	<0.0001	<0.002				0.16	0.15	4.26
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00053	0.000112	<0.0002	0.0008	<0.0001	<0.002				0.10	0.12	-5.45
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00047	0.000098	<0.0002	0.0002	<0.0001	<0.002				0.11	0.12	-4.39
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00048	0.000090	<0.0002	0.0001	<0.0001	<0.002				0.11	0.13	-8.20
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00040	0.000074	<0.0002	0.0003	<0.0001	<0.002				0.13	0.13	3.10
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00032	0.000063	<0.0002	0.0002	<0.0001	<0.002				0.12	0.13	-2.75
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00036	0.000055	<0.0002	0.0005	<0.0001	<0.002				0.13	0.13	0.00
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00033	0.000066	<0.0002	0.0004	<0.0001	<0.002				0.16	0.15	4.29
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00025	0.000053	<0.0002	0.0002	<0.0001	<0.002				0.10	0.12	-10.10
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00024	0.000046	<0.0002	0.0002	<0.0001	<0.002				0.12	0.12	0.00
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00021	0.000045	<0.0002	0.0001	<0.0001	<0.002				0.09	0.10	-6.25
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00022	0.000051	<0.0002	0.0007	<0.0001	<0.002				0.14	0.12	5.79
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00015	0.000037	<0.0002	0.0005	<0.0001	<0.002				0.11	0.10	3.38
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00019	0.000038	<0.0002	0.0004	<0.0001	<0.002				0.12	0.10	6.42
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00020	0.000036	<0.0002	0.0004	<0.0001	<0.002				0.11	0.11	0.92
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00015	0.000033	<0.0002	0.0003	<0.0001	<0.002				0.10	0.09	1.60
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00018	0.000029	<0.0002	0.0001	<0.0001	<0.002				0.11	0.10	3.45
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00017	0.000032	0.0004	0.0006	<0.0001	<0.002				0.09	0.10	-3.13
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00014	0.000032	<0.0002	0.0001	<0.0001	<0.002				0.08	0.09	-8.67

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	68	12-May-14	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	69	19-May-14	500	460	6.46	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	70	26-May-14	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	71	02-Jun-14	500	500	6.64	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	72	09-Jun-14	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	73	16-Jun-14	500	450	6.43	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	74	23-Jun-14	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	75	30-Jun-14	500	455	6.46	11.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	76	07-Jul-14	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	77	14-Jul-14	500	475	6.50	10.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	78	21-Jul-14	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	79	28-Jul-14	500	465	6.60	11.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	80	04-Aug-14	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	81	11-Aug-14	500	460	6.56	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	82	18-Aug-14	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	83	25-Aug-14	500	435	6.52	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	84	01-Sep-14	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	85	08-Sep-14	500	495	6.63	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	86	15-Sep-14	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	87	22-Sep-14	500	475	6.49	11.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	88	29-Sep-14	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	89	06-Oct-14	500	465	6.52	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	90	13-Oct-14	500	445		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	91	20-Oct-14	500	495	6.42	10.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	92	27-Oct-14	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	93	03-Nov-14	500	450	6.43	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	94	10-Nov-14	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	95	17-Nov-14	500	470	6.46	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	96	24-Nov-14	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	97	01-Dec-14	500	485	6.57	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	98	08-Dec-14	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	99	15-Dec-14	500	460	6.36	11.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	100	22-Dec-14	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	101	29-Dec-14	500	475	6.54	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	102	05-Jan-15	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	103	12-Jan-15	500	465	6.36	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	104	19-Jan-15	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	105	26-Jan-15	500	485	6.32	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	106	02-Feb-15	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	107	09-Feb-15	500	460	6.36	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	108	16-Feb-15	500	490		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	109	23-Feb-15	500	475	6.31	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	110	02-Mar-15	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	111	09-Mar-15	500	495	6.46	11.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	112	16-Mar-15	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	113	23-Mar-15	500	465	6.30	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	114	30-Mar-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	115	06-Apr-15	500	485	6.26	12.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	116	13-Apr-15	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	117	20-Apr-15	500	465	6.25	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	118	27-Apr-15	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25																
BR02-9	HC-25	130	4.2	<0.5	<0.5	1.7	<0.05	<0.01	<0.5					3.2	0.0075	0.00005	0.00535
BR02-9	HC-25																
BR02-9	HC-25	140	2.0	<0.5	<0.5	1.5	<0.05	<0.01	1.0					2.7	0.0137	0.00005	0.00624
BR02-9	HC-25																
BR02-9	HC-25	140	2.6	<0.5	<0.5	1.6	0.05	<0.01	<0.5					2.8	0.0118	0.00005	0.00619
BR02-9	HC-25																
BR02-9	HC-25	145	1.8	<0.5	<0.5	1.6	0.05	<0.01	<0.5					2.8	0.0090	0.00005	0.00699
BR02-9	HC-25																
BR02-9	HC-25	135	2.5	<0.5	<0.5	1.4	<0.05	<0.01	<0.5					2.7	0.0080	0.00005	0.00673
BR02-9	HC-25																
BR02-9	HC-25	140	3.1	<0.5	<0.5	1.7	<0.05	<0.01	0.7					2.7	0.0062	0.00005	0.00653
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	120	2.5	<0.5	<0.5	1.6			<0.5					2.9	0.0103	0.00005	0.00741
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	155	2.1	<0.5	<0.5	2.0			<0.5					3.0	0.0058	0.00005	0.00783
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	1.9	<0.5	1.4	1.8			<0.5					2.3	0.0054	0.00005	0.00895
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	150	3.2	<0.5	0.7	1.1			<0.5					2.7	0.0051	0.00006	0.00960
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	2.5	<0.5	<0.5	1.9			<0.5					2.9	0.0076	0.00006	0.0121
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	3.2	<0.5	<0.5	1.1			<0.5					3.0	0.0028	0.00006	0.0126
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	145	3.8	<0.5	<0.5	1.2			<0.5					3.6	0.0045	0.00007	0.0138
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	145	2.3	<0.5	0.6	0.6			<0.5					2.7	0.0016	0.00005	0.0136
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	160	3.4	<0.5	0.5	1.2			<0.5					2.9	0.0068	0.00005	0.0123
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25															
BR02-9	HC-25	0.00084	<0.00001	<0.000005	<0.05	0.00007	0.000014	0.84	0.0002	0.000013	0.00033	<0.00005	0.003	0.000019	0.0007	0.25
BR02-9	HC-25															
BR02-9	HC-25	0.00077	<0.00001	<0.000005	<0.05	0.00008	0.000012	0.72	<0.0001	0.000008	0.00007	<0.00005	0.001	0.000020	0.0006	0.23
BR02-9	HC-25															
BR02-9	HC-25	0.00080	<0.00001	<0.000005	<0.05	0.00006	0.000013	0.78	<0.0001	0.000019	0.00008	<0.00005	0.002	0.000020	0.0005	0.20
BR02-9	HC-25															
BR02-9	HC-25	0.00076	<0.00001	<0.000005	<0.05	0.00006	0.000010	0.73	<0.0001	0.000011	0.00008	<0.00005	0.002	0.000016	<0.0005	0.23
BR02-9	HC-25															
BR02-9	HC-25	0.00073	<0.00001	<0.000005	<0.05	0.00007	0.000012	0.73	<0.0001	0.000031	<0.00005	<0.00005	<0.001	0.000014	<0.0005	0.22
BR02-9	HC-25															
BR02-9	HC-25	0.00069	<0.00001	<0.000005	<0.05	0.00007	0.000011	0.71	<0.0001	0.000012	0.00012	<0.00005	<0.001	0.000024	0.0006	0.22
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00081	<0.00001	<0.000005	<0.05	0.00006	0.000014	0.75	<0.0001	0.000016	0.00057	<0.00005	0.003	0.000027	0.0006	0.24
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00074	<0.00001	<0.000005	<0.05	0.00006	0.000015	0.77	<0.0001	0.000014	0.00024	<0.00005	0.003	0.000021	0.0005	0.26
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00070	<0.00001	<0.000005	<0.05	<0.00005	0.000016	0.59	<0.0001	0.000017	<0.00005	<0.00005	0.002	0.000014	<0.0005	0.19
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00083	<0.00001	<0.000005	<0.05	0.00006	0.000027	0.69	<0.0001	0.000015	0.00007	<0.00005	<0.001	0.000017	0.0005	0.24
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00094	<0.00001	<0.000005	<0.05	<0.00005	0.000023	0.73	<0.0001	0.000026	0.00021	0.00011	0.006	0.000024	0.0011	0.25
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00098	<0.00001	<0.000005	<0.05	0.00006	0.000031	0.77	<0.0001	0.000017	0.00010	<0.00005	0.002	0.000018	0.0010	0.26
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00142	<0.00001	<0.000005	<0.05	<0.00005	0.000039	0.92	<0.0001	0.000011	0.00007	<0.00005	0.002	0.000017	<0.0005	0.30
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00109	<0.00001	<0.000005	<0.05	<0.00005	0.000051	0.68	<0.0001	0.000019	0.00005	<0.00005	0.002	0.000026	0.0006	0.24
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00118	<0.00001	<0.000005	<0.05	0.00006	0.000045	0.73	<0.0001	0.000021	0.00012	0.00006	0.010	0.000028	0.0009	0.25
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00528	<0.00001	0.005	0.00006	0.00009	0.82	0.00169	<0.00004	2.2	<0.000005	0.32	0.00542	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00473	<0.00001	0.004	<0.00005	0.00023	0.86	0.00178	<0.00004	2.2	<0.000005	0.27	0.00520	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00505	<0.00001	<0.002	<0.00005	0.00017	0.77	0.00169	<0.00004	2.2	<0.000005	0.28	0.00515	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00472	<0.00001	0.005	0.00006	0.00013	0.84	0.00170	<0.00004	2.2	0.000011	0.29	0.00507	<10	<0.00002	0.000005
BR02-9	HC-25															
BR02-9	HC-25	0.00461	<0.00001	<0.002	<0.00005	0.00009	0.83	0.00169	<0.00004	2.3	<0.000005	0.28	0.00475	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00475	<0.00001	0.003	<0.00005	0.00005	0.85	0.00174	<0.00004	2.3	<0.000005	0.27	0.00490	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00552	<0.00001	0.003	<0.00005	0.00007	0.83	0.00166	<0.00004	2.2	<0.000005	0.28	0.00547	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00571	<0.00001	0.002	<0.00005	0.00015	0.84	0.00154	<0.00004	2.2	<0.000005	0.28	0.00523	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00516	<0.00001	<0.002	<0.00005	0.00010	0.68	0.00139	<0.00004	1.9	<0.000005	0.24	0.00472	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00616	<0.00001	0.003	<0.00005	0.00022	0.82	0.00164	<0.00004	1.9	<0.000005	0.26	0.00591	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00696	<0.00001	0.009	<0.00005	0.00011	0.70	0.00140	<0.00004	1.7	<0.000005	0.26	0.00634	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00804	<0.00001	0.004	<0.00005	0.00011	0.74	0.00158	<0.00004	1.7	<0.000005	0.25	0.00690	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0101	<0.00001	0.004	<0.00005	0.00011	0.75	0.00145	<0.00004	1.8	<0.000005	0.27	0.00805	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0101	<0.00001	0.006	<0.00005	0.00013	0.61	0.00144	<0.00004	2.0	<0.000005	0.22	0.00721	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0109	<0.00001	<0.002	<0.00005	0.00009	0.68	0.00154	<0.00004	1.7	<0.000005	0.24	0.00775	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00014	0.000037	<0.0002	0.0003	<0.0001	<0.002				0.12	0.10	10.00
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00012	0.000028	<0.0002	0.0005	<0.0001	<0.002				0.10	0.09	5.26
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00013	0.000025	<0.0002	0.0002	<0.0001	<0.002				0.0880	0.0890	-0.560
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00015	0.000025	<0.0002	0.0006	<0.0001	<0.002				0.0730	0.0900	-10.4
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00013	0.000025	<0.0002	0.0002	<0.0001	<0.002				0.0790	0.0890	-5.95
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00014	0.000027	<0.0002	0.0002	<0.0001	<0.002				0.118	0.0880	14.6
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00012	0.000027	<0.0002	0.0004	<0.0001	0.003				0.0830	0.0920	-5.14
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00009	0.000026	<0.0002	0.0003	<0.0001	<0.002				0.0840	0.0940	-5.62
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00008	0.000023	<0.0002	0.0002	<0.0001	<0.002				0.0390	0.0740	-31.0
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00007	0.000034	<0.0002	<0.0001	<0.0001	<0.002				0.0880	0.0870	0.57
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00005	0.000037	<0.0002	0.0011	<0.0001	<0.002				0.0900	0.0880	1.12
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00004	0.000033	<0.0002	0.0002	<0.0001	<0.002				0.0880	0.0900	-1.12
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00005	0.000032	<0.0002	0.0003	<0.0001	<0.002				0.103	0.103	0.00
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00003	0.000029	0.0010	0.0004	<0.0001	<0.002				0.0600	0.0800	-14.3
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00004	0.000023	0.0006	0.0007	<0.0001	<0.002				0.0950	0.0870	4.40
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	119	04-May-15	500	475	6.26	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	120	11-May-15	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	121	18-May-15	500	475	6.24	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	122	25-May-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	123	01-Jun-15	500	450	6.14	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	124	08-Jun-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	125	15-Jun-15	500	485	6.03	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	126	22-Jun-15	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	127	29-Jun-15	500	450	5.44	18.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	128	06-Jul-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	129	13-Jul-15	500	470	5.76	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	130	20-Jul-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	131	27-Jul-15	500	470	5.58	25.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	132	03-Aug-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	133	10-Aug-15	500	480	5.48	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	134	17-Aug-15	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	135	24-Aug-15	500	495	5.36	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	136	31-Aug-15	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	137	07-Sep-15	500	480	5.30	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	138	14-Sep-15	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	139	21-Sep-15	500	445	5.29	25.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	140	28-Sep-15	500	500		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	141	05-Oct-15	500	470	5.39	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	142	12-Oct-15	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	143	19-Oct-15	500	450	5.21	22.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	144	26-Oct-15	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	145	02-Nov-15	500	495	5.24	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	146	09-Nov-15	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	147	16-Nov-15	500	475	5.17	22.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	148	23-Nov-15	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	149	30-Nov-15	500	465	5.08	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	150	07-Dec-15	500	490		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	151	14-Dec-15	500	470	5.06	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	152	21-Dec-15	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	153	28-Dec-15	500	470	5.01	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	154	04-Jan-16	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	155	11-Jan-16	500	470	5.06	22.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	156	18-Jan-16	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	157	25-Jan-16	500	485	5.10	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	158	01-Feb-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	159	08-Feb-16	500	450	5.16	25.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	160	15-Feb-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	161	22-Feb-16	500	485	5.06	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	162	29-Feb-16	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	163	07-Mar-16	500	460	5.13	19.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	164	14-Mar-16	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	165	21-Mar-16	500	485	5.14	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	166	28-Mar-16	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	167	04-Apr-16	500	485	5.11	17.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	168	11-Apr-16	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	169	18-Apr-16	500	460	5.06	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25	150	3.0	<0.5	<0.5	2.1			<0.5					2.9	0.0016	0.00006	0.0135
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	130	4.0	<0.5	<0.5	<0.5			<0.5					3.2	0.0063	0.00005	0.0118
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	125	6.6	<0.5	0.8	<0.5			<0.5					4.6	0.0097	0.00005	0.00714
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	7.2	<0.5	1.9	<0.5			<0.5					4.9	0.0439	0.00005	0.00399
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	110	8.6	<0.5	3.3	<0.5			<0.5					5.4	0.0789	0.00005	0.00490
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	145	8.0	<0.5	2.4	<0.5			<0.5					4.7	0.0890	0.00004	0.00474
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	150	6.8	<0.5	3.4	0.9			<0.5					4.1	0.0974	0.00004	0.00431
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	150	6.5	<0.5	3.1	<0.5			<0.5					3.8	0.0790	0.00003	0.00408
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	130	7.1	<0.5	2.3	<0.5			<0.5					3.7	0.0896	0.00003	0.00370
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	120	6.3	<0.5	2.7	<0.5			<0.5					3.7	0.0814	0.00003	0.00440
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	130	7.6	<0.5	2.8	0.8			<0.5					4.4	0.0915	0.00004	0.00542
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	100	6.0	<0.5	2.1	<0.5			<0.5					3.0	0.0651	0.00003	0.00469
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	4.7	<0.5	2.1	<0.5			<0.5					2.5	0.0566	0.00003	0.00391
BR02-9	HC-25																
BR02-9	HC-25																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25	0.00127	<0.00001	<0.000005	<0.05	0.00008	0.000070	0.74	<0.0001	0.000030	0.00008	<0.00005	0.005	0.000018	0.0005	0.26
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00179	<0.00001	<0.000005	<0.05	0.00008	0.000104	0.80	<0.0001	0.000077	0.00011	0.00008	0.025	0.000027	0.0006	0.29
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00563	0.00001	<0.000005	<0.05	0.00009	0.000378	1.20	<0.0001	0.000495	0.00029	0.00751	0.611	0.000114	0.0013	0.40
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0150	0.00003	<0.000005	<0.05	0.00011	0.000520	1.25	<0.0001	0.000583	0.00060	0.0494	0.753	0.000391	0.0014	0.44
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0188	0.00004	<0.000005	<0.05	0.00012	0.000601	1.34	<0.0001	0.000636	0.00090	0.0600	0.777	0.000757	0.0020	0.51
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0175	0.00005	<0.000005	<0.05	0.00010	0.000542	1.16	<0.0001	0.000523	0.00089	0.0571	0.663	0.000720	0.0012	0.44
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0162	0.00006	<0.000005	<0.05	0.00009	0.000466	1.00	<0.0001	0.000513	0.00100	0.0499	0.673	0.000702	0.0025	0.39
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0126	0.00004	<0.000005	<0.05	0.00009	0.000462	0.94	<0.0001	0.000469	0.00085	0.0385	0.595	0.000686	0.0016	0.36
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0146	0.00004	<0.000005	<0.05	0.00007	0.000497	0.93	<0.0001	0.000509	0.00079	0.0464	0.669	0.000729	0.0015	0.33
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0141	0.00005	<0.000005	<0.05	0.00008	0.000549	0.90	<0.0001	0.000466	0.00083	0.0454	0.546	0.000743	0.0018	0.35
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0165	0.00004	0.000005	<0.05	0.00009	0.000576	1.07	<0.0001	0.000441	0.00088	0.0521	0.571	0.000843	0.0017	0.41
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0117	0.00004	0.000005	<0.05	0.00009	0.000517	0.73	<0.0001	0.000389	0.00071	0.0369	0.414	0.000515	0.0021	0.28
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0109	0.00004	<0.000005	<0.05	0.00007	0.000485	0.59	<0.0001	0.000384	0.00077	0.0294	0.384	0.000525	0.0016	0.24
BR02-9	HC-25															
BR02-9	HC-25															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25	0.0120	<0.00001	0.003	<0.00005	0.00020	0.72	0.00187	<0.00004	1.9	<0.000005	0.26	0.00917	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0152	<0.00001	0.003	<0.00005	0.00032	0.61	0.00174	<0.00004	1.6	<0.000005	0.24	0.0108	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0270	<0.00001	0.006	<0.00005	0.00045	0.78	0.00212	<0.00004	1.7	<0.000005	0.29	0.0180	<10	<0.00002	0.000006
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0331	<0.00001	0.008	<0.00005	0.00062	0.94	0.00257	<0.00004	2.0	<0.000005	0.33	0.0205	<10	<0.00002	0.000006
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0395	<0.00001	0.006	<0.00005	0.00061	0.98	0.00269	0.00004	2.1	<0.000005	0.38	0.0222	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0339	<0.00001	0.005	<0.00005	0.00051	0.87	0.00238	<0.00004	2.3	<0.000005	0.35	0.0192	<10	<0.00002	0.000005
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0332	<0.00001	0.006	<0.00005	0.00059	0.86	0.00224	<0.00004	2.0	<0.000005	0.34	0.0175	<10	<0.00002	0.000006
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0359	<0.00001	0.004	<0.00005	0.00083	0.69	0.00186	<0.00004	1.8	<0.000005	0.29	0.0178	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0389	<0.00001	0.004	<0.00005	0.00055	0.69	0.00179	<0.00004	1.9	<0.000005	0.31	0.0185	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0440	<0.00001	0.005	<0.00005	0.00052	0.67	0.00175	0.00004	2.1	<0.000005	0.33	0.0203	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0534	<0.00001	0.003	<0.00005	0.00061	0.77	0.00195	0.00004	2.1	<0.000005	0.38	0.0241	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0396	<0.00001	<0.002	<0.00005	0.00054	0.65	0.00184	<0.00004	1.9	<0.000005	0.32	0.0185	<10	<0.00002	0.000005
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0364	<0.00001	0.005	<0.00005	0.00052	0.52	0.00156	<0.00004	1.6	<0.000005	0.29	0.0167	<10	<0.00002	0.000005
BR02-9	HC-25															
BR02-9	HC-25															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00005	0.000030	0.0008	0.0006	<0.0001	<0.002				0.104	0.0890	7.77
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00002	0.000039	<0.0002	0.0022	<0.0001	<0.002				0.0840	0.0920	-4.55
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00001	0.000107	<0.0002	0.0233	<0.0001	<0.002				0.138	0.150	-4.17
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000364	<0.0002	0.0349	<0.0001	<0.002				0.150	0.171	-6.54
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00001	0.000601	<0.0002	0.0400	<0.0001	<0.002				0.180	0.189	-2.44
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00001	0.000632	0.0009	0.0358	<0.0001	<0.002				0.167	0.168	-0.300
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	0.00001	0.000648	0.0003	0.0347	<0.0001	<0.002				0.160	0.156	1.27
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000494	<0.0002	0.0311	<0.0001	<0.002				0.14	0.14	-1.09
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000541	0.0009	0.0327	<0.0001	<0.002				0.15	0.15	-1.01
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000524	<0.0002	0.0291	<0.0001	<0.002				0.13	0.15	-5.45
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000534	<0.0002	0.0280	<0.0001	<0.002				0.17	0.16	2.67
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000359	0.0022	0.0226	<0.0001	<0.002				0.13	0.12	1.61
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000346	<0.0002	0.0207	<0.0001	<0.002				0.10	0.11	-3.96
BR02-9	HC-25															
BR02-9	HC-25															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	170	25-Apr-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	171	02-May-16	500	480	5.01	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	172	09-May-16	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	173	16-May-16	500	450	4.91	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	174	23-May-16	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	175	30-May-16	500	495	4.88	20.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	176	06-Jun-16	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	177	13-Jun-16	500	470	4.96	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	178	20-Jun-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	179	27-Jun-16	500	450	4.89	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	180	04-Jul-16	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	181	11-Jul-16	500	475	4.72	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	182	18-Jul-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	183	25-Jul-16	500	470	4.74	18.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	184	01-Aug-16	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	185	08-Aug-16	500	495	4.93	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	186	15-Aug-16	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	187	22-Aug-16	500	465	4.94	19.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	188	29-Aug-16	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	189	05-Sep-16	500	460	4.78	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	190	12-Sep-16	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	191	19-Sep-16	500	465	4.87	18.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	192	26-Sep-16	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	193	03-Oct-16	500	450	4.92	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	194	10-Oct-16	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	195	17-Oct-16	500	460	4.96	18.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	196	24-Oct-16	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	197	31-Oct-16	500	480	5.03	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	198	07-Nov-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	199	14-Nov-16	500	450	4.94	21.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	200	21-Nov-16	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	201	28-Nov-16	500	460	4.95	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	202	05-Dec-16	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	203	12-Dec-16	500	460	4.93	20.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	204	19-Dec-16	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	205	26-Dec-16	500	490	5.05	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	206	02-Jan-17	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	207	09-Jan-17	500	490	4.97	14.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	208	17-Jan-17	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	209	23-Jan-17	500	490	4.87	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	210	30-Jan-17	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	211	06-Feb-17	500	445	4.83	20.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	212	13-Feb-17	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	213	20-Feb-17	500	465	4.82	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	214	27-Feb-17	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	215	06-Mar-17	500	450	4.91	17.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	216	13-Mar-17	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	217	20-Mar-17	500	460	4.86	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	218	27-Mar-17	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	219	03-Apr-17	500	480	4.85	15.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	220	10-Apr-17	500	450		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25																
BR02-9	HC-25	100	6.2	<0.5	2.9	<0.5			<0.5					4.0	0.0768	0.00003	0.00476
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	160	6.2	<0.5	3.5	<0.5			<0.5					2.3	0.0970	0.00002	0.00328
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	100	5.8	<0.5	3.7	<0.5			0.7					2.1	0.1190	0.00003	0.00338
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	5.8	<0.5	3.8	<0.5			<0.5					1.5	0.1130	0.00002	0.00254
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	90	5.5	<0.5	4.0	<0.5			<0.5					1.3	0.1310	0.00003	0.00286
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	120	5.4	<0.5	3.6	<0.5			0.5					1.3	0.1300	0.00002	0.00227
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	130	5.2	<0.5	3.4	<0.5			<0.5					1.2	0.1350	0.00002	0.00249
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	5.3	<0.5	3.8	<0.5			<0.5					1.4	0.1260	<0.00002	0.00308
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	140	5.5	<0.5	3.6	<0.5			<0.5					1.3	0.1420	<0.00002	0.00327
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	150	4.0	<0.5	2.5	<0.5			<0.5					1.0	0.1140	0.00003	0.00263
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	180	5.0	<0.5	4.5	<0.5			<0.5					1.1	0.163	0.00002	0.00380
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	175	4.6	<0.5	2.8	<0.5			<0.5					1.0	0.138	0.00002	0.00309
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	170	3.7	<0.5	1.7	0.7			<0.5					0.9	0.0888	0.00002	0.00349
BR02-9	HC-25																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25															
BR02-9	HC-25	0.0144	0.00004	<0.000005	<0.05	0.00010	0.000799	1.13	<0.0001	0.000589	0.00085	0.0504	0.697	0.000599	0.0019	0.28
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0145	0.00006	<0.000005	<0.05	0.00010	0.000756	0.56	<0.0001	0.000610	0.00093	0.0531	0.720	0.000600	0.0029	0.21
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0182	0.00006	<0.000005	<0.05	0.00011	0.000838	0.52	<0.0001	0.000730	0.00116	0.0745	0.916	0.000804	0.0030	0.20
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0151	0.00006	<0.000005	<0.05	0.00007	0.000704	0.36	<0.0001	0.000624	0.00104	0.0761	0.863	0.000729	0.0027	0.14
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0185	0.00008	<0.000005	<0.05	0.00009	0.000688	0.33	<0.0001	0.000679	0.00113	0.1030	0.915	0.000729	0.0025	0.12
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0180	0.00007	<0.000005	<0.05	0.00011	0.000614	0.34	<0.0001	0.000652	0.00146	0.1010	0.970	0.000692	0.0027	0.11
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0163	0.00007	<0.000005	<0.05	0.00008	0.000539	0.30	<0.0001	0.000688	0.00102	0.110	0.931	0.000629	0.0017	0.11
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0180	0.00007	<0.000005	<0.05	0.00016	0.000548	0.35	<0.0001	0.000661	0.00108	0.1110	0.867	0.000685	0.0015	0.12
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0198	0.00009	<0.000005	<0.05	0.00016	0.000487	0.32	<0.0001	0.000589	0.00098	0.114	0.740	0.000756	0.0022	0.12
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0160	0.00007	<0.000005	<0.05	0.00009	0.000314	0.25	<0.0001	0.000400	0.00080	0.0844	0.404	0.000676	0.0013	0.08
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0173	0.00009	<0.000005	<0.05	0.00011	0.000402	0.30	<0.0001	0.000570	0.00106	0.116	0.621	0.000817	0.0018	0.09
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0137	0.00008	<0.000005	<0.05	0.00010	0.000281	0.26	<0.0001	0.000451	0.00089	0.0749	0.506	0.000692	0.0021	0.08
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00952	0.00006	<0.000005	<0.05	0.00008	0.000229	0.23	<0.0001	0.000315	0.00077	0.0402	0.286	0.000468	0.0015	0.08
BR02-9	HC-25															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.0478	<0.00001	0.004	<0.00005	0.00068	0.66	0.00198	0.00006	1.9	<0.000005	0.35	0.0246	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0319	<0.00001	<0.002	<0.00005	0.00065	0.52	0.00194	<0.00004	2.0	<0.000005	0.30	0.0185	<10	0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0283	<0.00001	<0.002	<0.00005	0.00078	0.57	0.00199	<0.00004	1.9	<0.000005	0.34	0.0170	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0187	<0.00001	<0.002	<0.00005	0.00066	0.42	0.00149	0.00006	1.5	<0.000005	0.29	0.0130	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0142	<0.00001	0.006	<0.00005	0.00076	0.47	0.00199	<0.00004	1.6	<0.000005	0.29	0.0107	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0121	<0.00001	<0.002	<0.00005	0.00062	0.47	0.00245	0.00005	1.7	<0.000005	0.28	0.0077	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0116	<0.00001	<0.002	<0.00005	0.00067	0.33	0.00174	<0.00004	1.7	<0.000005	0.28	0.00673	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0125	<0.00001	0.004	<0.00005	0.00064	0.41	0.00226	0.00005	1.7	<0.000005	0.33	0.0073	<10	<0.00002	0.000007
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0113	<0.00001	0.003	<0.00005	0.00061	0.37	0.00222	0.00005	1.7	<0.000005	0.34	0.00666	<10	<0.00002	0.000005
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.0076	<0.00001	0.005	<0.00005	0.00048	0.25	0.00140	0.00005	1.4	<0.000005	0.24	0.0052	<10	<0.00002	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00919	<0.00001	0.006	<0.00005	0.00052	0.34	0.00188	0.00004	1.6	<0.000005	0.31	0.00555	<10	<0.00002	0.000005
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00796	<0.00001	0.005	<0.00005	0.00042	0.32	0.00155	<0.00004	1.7	<0.000005	0.28	0.00445	<10	0.00004	0.000004
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00689	<0.00001	<0.002	<0.00005	0.00033	0.25	0.00117	<0.00004	1.5	<0.000005	0.26	0.00348	<10	<0.00002	0.000003
BR02-9	HC-25															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000406	<0.0002	0.0319	<0.0001	<0.002				0.13	0.17	-13.7
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000434	0.0002	0.0338	<0.0001	<0.002				0.13	0.12	2.77
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000535	<0.0002	0.0413	<0.0001	<0.002				0.14	0.13	2.56
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000501	<0.0002	0.0337	<0.0001	<0.002				0.12	0.12	2.11
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000560	<0.0002	0.0384	<0.0001	<0.002				0.11	0.11	1.33
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000585	<0.0002	0.0506	<0.0001	<0.002				0.13	0.12	4.56
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000542	<0.0002	0.0362	<0.0001	<0.002				0.11	0.11	1.87
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000519	<0.0002	0.0397	<0.0001	<0.002				0.11	0.11	0.45
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000627	<0.0002	0.0334	<0.0001	<0.002				0.12	0.11	4.55
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000509	<0.0002	0.0232	<0.0001	<0.002				0.08	0.08	5.06
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000660	<0.0002	0.0365	<0.0001	<0.002				0.10	0.10	1.46
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000626	<0.0002	0.0272	<0.0001	<0.002				0.10	0.09	4.92
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000406	<0.0002	0.0174	<0.0001	<0.002				0.09	0.07	11.8
BR02-9	HC-25															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	221	17-Apr-17	500	500	4.91	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	222	24-Apr-17	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	223	01-May-17	500	495	5.25	13.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	224	08-May-17	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	225	15-May-17	500	475	4.97	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	226	22-May-17	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	227	29-May-17	500	500	5.10	11.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	228	05-Jun-17	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	229	12-Jun-17	500	450	5.03	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	230	19-Jun-17	500	490		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	231	26-Jun-17	500	485	5.19	10.0
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	232	03-Jul-17	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	233	10-Jul-17	500	475	5.02	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	234	17-Jul-17	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	235	24-Jul-17	500	470	5.09	10
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	236	31-Jul-17	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	237	7-Aug-17	500	475	5.01	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	238	14-Aug-17	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	239	21-Aug-17	500	455	5.09	9
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	240	28-Aug-17	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	241	4-Sep-17	500	465	5.16	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	242	11-Sep-17	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	243	18-Sep-17	500	490	5.17	4
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	244	25-Sep-17	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	245	02-Oct-17	500	465	5.10	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	246	09-Oct-17	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	247	16-Oct-17	500	460	5.16	8
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	248	23-Oct-17	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	249	30-Oct-17	500	475	5.12	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	250	06-Nov-17	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	251	13-Nov-17	500	450	5.12	8
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	252	20-Nov-17	500	445		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	253	27-Nov-17	500	450	5.21	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	254	04-Dec-17	500	495		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	255	11-Dec-17	500	465	5.21	7
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	256	18-Dec-17	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	257	25-Dec-17	500	460	5.39	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	258	01-Jan-18	500	490		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	259	08-Jan-18	500	495	5.35	4
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	260	15-Jan-18	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	261	22-Jan-18	500	480	5.35	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	262	29-Jan-18	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	263	05-Feb-18	500	480	5.24	8
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	264	12-Feb-18	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	265	19-Feb-18	500	460	5.31	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	266	26-Feb-18	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	267	05-Mar-18	500	470	5.48	4
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	268	12-Mar-18	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	269	19-Mar-18	500	475	5.38	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	270	26-Mar-18	500	450		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	271	02-Apr-18	500	485	5.25	7

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	190	3.2	<0.5	1.7	<0.5			<0.5					0.9	0.0700	0.00004	0.00371
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	180	2.3	<0.5	1.1	<0.5			<0.5					0.7	0.0480	0.00003	0.00419
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	190	2.3	<0.5	1.1	<0.5			<0.5					0.8	0.0472	0.00003	0.00399
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	200	3.3	<0.5	1.2	<0.5			<0.5					0.7	0.0441	0.00003	0.00428
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	220	1.5	<0.5	1.2	<0.5			<0.5					<0.5	0.0324	0.00002	0.00486
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	230	1.5	<0.5	1.0	1.1			0.5					<0.5	0.0288	0.00004	0.00517
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	250	1.9	<0.5	1.5	<0.5			<0.5					0.8	0.0237	0.00002	0.00587
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	260	1.9	<0.5	0.7	<0.5			<0.5					0.8	0.0317	0.00002	0.00605
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	260	2.8	<0.5	1.1	<0.5			<0.5					0.8	0.0221	0.00002	0.00557
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	250	0.6	<0.5	<0.5	<0.5			<0.5					<0.5	0.0096	<0.00002	0.00500
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	245	2.1	<0.5	0.9	<0.5			<0.5					0.8	0.0244	0.00002	0.00666
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	260	1.1	<0.5	<0.5	<0.5			0.5					<0.5	0.0102	<0.00002	0.00513
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	255	2.0	<0.5	0.5	0.8			0.8					<0.5	0.0256	<0.00002	0.00614

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00785	0.00005	<0.000005	<0.05	<0.00005	0.000172	0.25	<0.0001	0.000268	0.00059	0.0297	0.221	0.000873	0.0016	0.07
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00621	0.00003	<0.000005	<0.05	0.00006	0.000139	0.20	<0.0001	0.000195	0.00035	0.0196	0.137	0.000362	0.0011	0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00564	0.00003	<0.000005	<0.05	<0.00005	0.000158	0.21	<0.0001	0.000217	0.00041	0.0212	0.132	0.000351	0.0011	0.06
BR02-9	HC-25															
BR02-9	HC-25	0.00541	0.00003	<0.000005	<0.05	<0.00005	0.00014	0.21	<0.0001	0.000188	0.00039	0.0176	0.113	0.000309	0.0011	0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00451	0.00002	<0.000005	<0.05	<0.00005	0.000114	0.18	<0.0001	0.000154	0.00028	0.0131	0.093	0.000232	0.0009	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00375	0.00002	<0.000005	<0.05	<0.00005	0.000109	0.17	<0.0001	0.000123	0.00024	0.0106	0.053	0.000200	0.0007	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00358	0.00002	<0.000005	<0.05	<0.00005	0.000142	0.23	<0.0001	0.000135	0.00022	0.00965	0.047	0.000191	0.0008	0.06
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00464	0.00003	<0.000005	<0.05	0.00006	0.000144	0.20	<0.0001	0.000156	0.00034	0.0138	0.054	0.000216	0.0009	0.06
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00338	0.00002	<0.000005	<0.05	<0.00005	0.000101	0.32	<0.0001	0.000104	0.00022	0.00854	0.033	0.000153	0.0006	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00166	0.00001	<0.000005	<0.05	<0.00005	0.000055	0.10	<0.0001	0.000067	0.00012	0.00392	0.013	0.000085	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00383	0.00002	<0.000005	<0.05	0.00005	0.000124	0.23	<0.0001	0.000128	0.00027	0.0122	0.028	0.000200	0.0006	0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00218	<0.00001	<0.000005	<0.05	<0.00005	0.000070	0.18	<0.0001	0.000072	<0.00005	0.00563	0.012	0.000096	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00315	0.00002	<0.000005	<0.05	<0.00005	0.000121	0.18	<0.0001	0.000105	0.00083	0.01400	0.025	0.000164	0.0006	<0.05

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00629	<0.00001	0.003	<0.00005	0.00033	0.22	0.00099	<0.00004	1.4	<0.000005	0.25	0.00350	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00480	<0.00001	<0.002	<0.00005	0.00024	0.16	0.00085	<0.00004	1.3	<0.000005	0.20	0.00297	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00488	<0.00001	<0.002	<0.00005	0.00025	0.18	0.00080	<0.00004	1.3	<0.000005	0.23	0.00312	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25	0.00516	<0.00001	0.003	<0.00005	0.00025	0.18	0.0007	<0.00004	1.4	<0.000005	0.23	0.00332	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00456	<0.00001	0.004	<0.00005	0.0002	0.16	0.00068	<0.00004	1.3	<0.000005	0.22	0.00278	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00411	<0.00001	0.003	<0.00005	0.00018	0.14	0.00052	<0.00004	1.3	<0.000005	0.22	0.00259	<10	0.00003	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00451	<0.00001	0.002	<0.00005	0.00023	0.17	0.00066	<0.00004	1.4	<0.000005	0.24	0.00297	<10	<0.00002	0.000003
BR02-9	HC-25															
BR02-9	HC-25	0.00539	<0.00001	0.007	<0.00005	0.00021	0.18	0.00078	<0.00004	1.5	<0.000005	0.29	0.00398	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00329	<0.00001	<0.002	<0.00005	0.00017	0.12	0.00061	<0.00004	1.3	<0.000005	0.21	0.00265	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00215	<0.00001	0.004	<0.00005	0.00011	0.08	0.00034	<0.00004	0.8	<0.000005	0.12	0.00158	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00522	<0.00001	0.005	<0.00005	0.00016	0.16	0.00079	<0.00004	1.3	<0.000005	0.27	0.00380	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00280	0.00001	0.003	<0.00005	0.00015	0.08	0.00036	<0.00004	0.8	<0.000005	0.15	0.00223	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25	0.00374	<0.00001	0.005	<0.00005	0.00016	0.14	0.00066	<0.00004	1.2	<0.000005	0.24	0.00341	<10	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000349	0.0008	0.0147	<0.0001	<0.002				0.07	0.06	8.06
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000233	<0.0002	0.0103	<0.0001	<0.002				0.05	0.05	2.13
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000215	<0.0002	0.0108	<0.0001	<0.002				0.05	0.05	1.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000204	<0.0002	0.0097	<0.0001	<0.002				0.07	0.05	19.0
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000145	<0.0002	0.0073	<0.0001	<0.002				0.03	0.04	-8.57
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000127	<0.0002	0.0056	<0.0001	<0.002				0.07	0.03	33.3
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000102	<0.0002	0.0067	<0.0001	<0.002				0.04	0.04	-4.88
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000122	<0.0002	0.0073	<0.0001	<0.002				0.04	0.05	-6.98
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000088	<0.0002	0.0101	<0.0001	<0.002				0.06	0.04	21.7
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000054	<0.0002	0.0025	<0.0001	<0.002				0.01	0.02	-22.6
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000093	<0.0002	0.0057	<0.0001	<0.002				0.04	0.04	2.33
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000053	<0.0002	0.0065	<0.0001	<0.002				0.04	0.02	24.6
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000090	<0.0002	0.0053	<0.0001	<0.002				0.08	0.03	41.6

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	272	09-Apr-18	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	273	16-Apr-18	500	485	5.34	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	274	23-Apr-18	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	275	30-Apr-18	500	470	5.34	3
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	276	07-May-18	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	277	14-May-18	500	460	5.15	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	278	21-May-18	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	279	28-May-18	500	460	5.19	7
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	280	04-Jun-18	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	281	11-Jun-18	500	495	5.23	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	282	18-Jun-18	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	283	25-Jun-18	500	465	5.32	4
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	284	02-Jul-18	500	485		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	285	09-Jul-18	500	475	5.19	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	286	16-Jul-18	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	287	23-Jul-18	500	480	5.14	5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	288	30-Jul-18	500	495		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	289	06-Aug-18	500	465	5.24	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	290	13-Aug-18	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	291	20-Aug-18	500	465	5.33	5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	292	27-Aug-18	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	293	03-Sep-18	500	475	5.32	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	294	10-Sep-18	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	295	17-Sep-18	500	480	5.31	3
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	296	24-Sep-18	500	475		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	297	01-Oct-18	500	475	5.31	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	298	08-Oct-18	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	299	15-Oct-18	500	470	5.24	5
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	300	22-Oct-18	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	301	29-Oct-18	500	475	5.24	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	302	05-Nov-18	500	445		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	303	12-Nov-18	500	495	5.35	6
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	304	19-Nov-18	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	305	26-Nov-18	500	460	5.35	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	306	03-Dec-18	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	307	10-Dec-18	500	460	5.50	6
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	308	17-Dec-18	500	480		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	309	24-Dec-18	500	465	5.44	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	310	31-Dec-18	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	311	07-Jan-19	500	480	5.42	6
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	312	14-Jan-19	500	470		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	313	21-Jan-19	500	460	5.39	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	314	28-Jan-19	500	460		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	315	04-Feb-19	500	465	5.42	6
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	316	11-Feb-19	500	455		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	317	18-Feb-19	500	470	5.42	
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	318	25-Feb-19	500	465		
BR02-9	HC-25	Llama	Felsic Dike	12GSE168	269.50	273.30	0.06	0.05	0.01	7.00	7.60	319	04-Mar-19	500	480	5.55	4.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	260	1.1	<0.5	1.1	0.9			<0.5					0.6	0.0246	<0.00002	0.00578
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	290	2.0	<0.5	<0.5	<0.5			<0.5					<0.5	0.0345	0.00004	0.00557
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	250	1.1	<0.5	1.6	1.2			<0.5					<0.5	0.0260	0.00002	0.00476
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	250	1.7	<0.5	<0.5	<0.5			<0.5					<0.5	0.0218	<0.00002	0.00490
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	240	1.1	<0.5	1.8	<0.5			<0.5					<0.5	0.0203	<0.00002	0.00491
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	260	0.9	<0.5	<0.5	<0.5			<0.5					<0.5	0.0138	<0.00002	0.00448
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	260	0.8	<0.5	<0.5	1.1			<0.5					<0.5	0.0152	<0.00002	0.00508
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	250	1.2	<0.5	<0.5	<0.5			<0.5					<0.5	0.0213	<0.00002	0.00476
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	290	1.4	<0.5	<0.5	<0.5			<0.5					<0.5	0.0182	<0.00002	0.00584
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	285	1.2	<0.5	<0.5	<0.5			<0.5					<0.5	0.0121	<0.00002	0.00545
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	285	<0.5	<0.5	0.7	<0.5			<0.5					<0.5	0.0133	<0.00002	0.00670
BR02-9	HC-25																
BR02-9	HC-25																
BR02-9	HC-25	280	0.7	<0.5	<0.5	<0.5			<0.5					<0.5	0.0078	<0.00002	0.00524

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00362	0.00002	<0.000005	<0.05	<0.00005	0.000127	0.24	<0.0001	0.000099	0.00025	0.01610	0.029	0.000218	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00444	0.00003	<0.000005	<0.05	<0.00005	0.000156	0.19	<0.0001	0.000162	0.00038	0.02100	0.038	0.000268	0.0007	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00282	0.00002	<0.000005	<0.05	<0.00005	0.000114	0.14	<0.0001	0.000114	0.00020	0.01500	0.019	0.000155	0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00278	0.00002	<0.000005	<0.05	<0.00005	0.000093	0.12	<0.0001	0.000095	0.00023	0.0127	0.022	0.000159	0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00233	0.00001	<0.000005	<0.05	<0.00005	0.000084	0.11	<0.0001	0.000074	0.00017	0.0094	0.014	0.000148	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00182	0.00001	<0.000005	<0.05	<0.00005	0.000074	0.10	<0.0001	0.000057	0.00013	0.00915	0.010	0.000110	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00212	<0.00001	<0.000005	<0.05	<0.00005	0.000077	0.12	<0.0001	0.000068	0.00044	0.0105	0.011	0.000123	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00278	0.00001	<0.000005	<0.05	<0.00005	0.000102	0.14	<0.0001	0.000079	0.00018	0.0151	0.009	0.000143	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00265	0.00003	<0.000005	<0.05	<0.00005	0.000108	0.13	<0.0001	0.000097	0.00035	0.01270	0.014	0.000172	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00212	0.00001	<0.000005	<0.05	<0.00005	0.000075	0.10	<0.0001	0.000066	0.00012	0.01080	0.007	0.000112	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00294	0.00001	<0.000005	<0.05	0.00008	0.000111	0.14	<0.0001	0.000118	0.00091	0.01200	0.010	0.000159	<0.0005	<0.05
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00165	<0.00001	<0.000005	<0.05	<0.00005	0.000055	0.08	<0.0001	0.000047	<0.00005	0.00660	0.003	0.000086	<0.0005	<0.05

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00408	<0.00001	0.006	<0.00005	0.00020	0.13	0.00052	<0.00004	1.0	<0.000005	0.22	0.00386	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00431	<0.00001	<0.002	<0.00005	0.00019	0.16	0.00062	<0.00004	1.2	<0.000005	0.24	0.00449	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00302	<0.00001	0.004	<0.00005	0.00012	0.10	0.00045	<0.00004	1.0	<0.000005	0.18	0.00302	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00248	<0.00001	<0.002	<0.00005	0.00013	0.11	0.00043	<0.00004	0.8	<0.000005	0.18	0.00252	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00242	0.00001	<0.002	<0.00005	0.00010	0.08	0.00037	<0.00004	0.7	<0.000005	0.14	0.00201	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00201	<0.00001	<0.002	<0.00005	0.00008	0.07	0.00030	<0.00004	0.7	<0.000005	0.13	0.00190	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00215	<0.00001	<0.002	<0.00005	0.00010	0.07	0.00034	<0.00004	0.7	<0.000005	0.14	0.00225	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00251	<0.00001	<0.002	<0.00005	0.00011	0.11	0.00047	<0.00004	0.9	<0.000005	0.20	0.00277	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00240	<0.00001	<0.002	<0.00005	0.00014	0.10	0.00049	<0.00004	0.9	<0.000005	0.18	0.00274	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00213	<0.00001	<0.002	<0.00005	0.00008	0.07	0.00043	<0.00004	0.7	<0.000005	0.15	0.00215	<10	<0.00002	<0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00345	<0.00001	0.006	<0.00005	0.00009	0.11	0.00053	<0.00004	0.7	<0.000005	0.21	0.00284	<10	<0.00002	0.000002
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.00143	<0.00001	<0.002	<0.00005	0.00010	0.06	0.00040	<0.00004	0.5	<0.000005	0.16	0.00149	<10	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	0.000005	<0.0002	<0.0005	<0.00001	0.000083	<0.0002	0.0079	<0.0001	<0.002				0.04	0.03	10.5
BR02-9	HC-25															
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000104	<0.0002	0.0076	<0.0001	<0.002				0.04	0.04	7.7
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	0.0006	<0.00001	0.000085	<0.0002	0.0047	<0.0001	<0.002				0.05	0.03	28.8
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000080	<0.0002	0.0042	<0.0001	<0.002				0.03	0.03	11.5
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000063	<0.0002	0.0037	<0.0001	<0.002				0.02	0.02	4.4
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000055	<0.0002	0.0027	<0.0001	<0.002				0.02	0.02	-5.3
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000057	<0.0002	0.0031	<0.0001	<0.002				0.04	0.02	27.9
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000067	<0.0002	0.0043	<0.0001	<0.002				0.02	0.03	-2.0
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000065	<0.0002	0.0049	<0.0001	<0.002				0.03	0.02	11.5
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000055	<0.0002	0.0028	<0.0001	<0.002				0.02	0.02	11.6
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000061	<0.0002	0.0081	<0.0001	<0.002				0.00	0.03	-100.0
BR02-9	HC-25															
BR02-9	HC-25	<0.000005	<0.0002	<0.0005	<0.00001	0.000039	<0.0002	0.0020	<0.0001	<0.002				0.02	0.02	-3.2

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	0	25-Dec-12	750	585	9.43	112
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	1	01-Jan-13	500	495	8.89	169
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	2	08-Jan-13	500	485	8.95	135
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	3	15-Jan-13	500	490	8.93	111
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	4	22-Jan-13	500	480	8.76	99.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	5	29-Jan-13	500	485	8.83	95.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	6	05-Feb-13	500	495	8.83	76.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	7	12-Feb-13	500	475	8.80	80.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	8	19-Feb-13	500	485	8.68	82.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	9	26-Feb-13	500	490	8.77	80.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	10	05-Mar-13	500	500	8.73	83.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	11	12-Mar-13	500	475	8.66	79.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	12	19-Mar-13	500	490	8.61	78.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	13	26-Mar-13	500	470	8.69	71.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	14	02-Apr-13	500	495	8.69	81.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	15	09-Apr-13	500	495	8.66	73.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	16	16-Apr-13	500	490	8.68	79.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	17	23-Apr-13	500	490	8.69	73.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	18	30-Apr-13	500	495	8.66	73.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	19	07-May-13	500	485	8.61	72.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	20	14-May-13	500	490	8.55	72.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	21	21-May-13	500	485		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	22	28-May-13	500	490	8.41	73.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	23	04-Jun-13	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	24	11-Jun-13	500	480	8.42	67.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	25	18-Jun-13	500	490		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	26	25-Jun-13	500	495	8.50	65.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	27	02-Jul-13	500	485		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	28	09-Jul-13	500	490	8.45	63.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	29	16-Jul-13	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	30	23-Jul-13	500	485	8.42	60.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	31	30-Jul-13	500	475		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	32	06-Aug-13	500	490	8.11	65.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	33	13-Aug-13	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	34	20-Aug-13	500	480	8.35	62.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	35	27-Aug-13	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	36	03-Sep-13	500	470	8.23	69.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	37	10-Sep-13	500	475		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	38	17-Sep-13	500	475	8.26	65.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	39	24-Sep-13	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	40	01-Oct-13	500	485	7.91	63.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	41	08-Oct-13	500	465		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	42	15-Oct-13	500	470	8.17	60.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	43	22-Oct-13	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	44	29-Oct-13	500	485	7.71	59.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	45	05-Nov-13	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	46	12-Nov-13	500	475	7.58	62.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	47	19-Nov-13	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	48	26-Nov-13	500	480	7.90	63.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	49	03-Dec-13	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	50	10-Dec-13	500	465	8.13	66.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-6	HC-06	105	5.7	<0.5	<0.5	34.4	0.11	0.028	6.5	<2	<0.5			14.9	0.218	0.00013	0.00025
BR01-6	HC-06	100	12.4	<0.5	<0.5	47.1	0.15	0.036	8.9	<2	<0.5			27.6	0.238	0.00034	0.00099
BR01-6	HC-06	100	11.1	<0.5	<0.5	44.2	0.10	0.013	3.2	<2	<0.5			25.6	0.262	0.00024	0.00133
BR01-6	HC-06	110	9.8	<0.5	<0.5	40.4	0.08	<0.01	1.5	<2	<0.5			27.8	0.267	0.00020	0.00127
BR01-6	HC-06	140	7.3	<0.5	<0.5	35.8	0.06	<0.01	0.9	<0.02	<0.005			28.7	0.246	0.00017	0.00163
BR01-6	HC-06	120	6.7	<0.5	<0.5	36.8	0.06	<0.01	1.0					26.9	0.249	0.00017	0.00170
BR01-6	HC-06	130	5.7	<0.5	<0.5	33.8	<0.05	<0.01	0.9					26.4	0.251	0.00015	0.00192
BR01-6	HC-06	120	5.7	<0.5	<0.5	32.2	<0.05	<0.01	<0.5					26.4	0.248	0.00013	0.00221
BR01-6	HC-06	120	5.1	<0.5	<0.5	34.8	<0.05	<0.01	0.7					29.8	0.253	0.00013	0.00224
BR01-6	HC-06	125	4.8	<0.5	<0.5	33.9	<0.05	<0.01	0.6					28.0	0.241	0.00013	0.00238
BR01-6	HC-06	130	5.1	<0.5	<0.5	37.1	<0.05	<0.01	0.8					29.5	0.259	0.00013	0.00264
BR01-6	HC-06	125	4.9	<0.5	<0.5	36.1	<0.05	<0.01	0.7					29.6	0.244	0.00012	0.00290
BR01-6	HC-06	125	4.5	<0.5	<0.5	34.1	<0.05	<0.01	<0.5					29.1	0.228	0.00012	0.00288
BR01-6	HC-06	130	4.2	<0.5	<0.5	32.8	<0.05	<0.01	<0.5					28.8	0.263	0.00011	0.00306
BR01-6	HC-06	110	3.5	<0.5	<0.5	33.5	<0.05	<0.01	0.5					29.1	0.236	0.00011	0.00300
BR01-6	HC-06	130	3.4	<0.5	<0.5	37.3	<0.05	<0.01	<0.5					27.6	0.220	0.00010	0.00306
BR01-6	HC-06	120	3.4	<0.5	<0.5	36.2	<0.05	<0.01	<0.5					29.6	0.227	0.00010	0.00321
BR01-6	HC-06	140	3.9	<0.5	<0.5	34.7	<0.05	<0.01	0.6					29.7	0.226	0.00009	0.00318
BR01-6	HC-06	125	4.5	<0.5	<0.5	31.7	<0.05	<0.01	<0.5					29.7	0.141	0.00009	0.00342
BR01-6	HC-06	115	4.6	<0.5	<0.5	33.1	<0.05	<0.01	<0.5					29.3	0.225	0.00008	0.00382
BR01-6	HC-06	115	5.4	<0.5	<0.5	32.9	<0.05	<0.01	0.6					27.3	0.244	0.00009	0.00402
BR01-6	HC-06																
BR01-6	HC-06	120	4.1	<0.5	<0.5	32.6	<0.05	<0.01	0.7					28.6	0.237	0.00008	0.00420
BR01-6	HC-06																
BR01-6	HC-06	120	2.8	<0.5	<0.5	31.2	<0.05	<0.01	<0.5					27.4	0.234	0.00007	0.00394
BR01-6	HC-06																
BR01-6	HC-06	130	2.8	<0.5	<0.5	30.4	<0.05	<0.01	<0.5					27.4	0.193	0.00007	0.00362
BR01-6	HC-06	160	3.5	<0.5	<0.5	27.2	<0.05	<0.01	0.5					24.4	0.189	0.00006	0.00363
BR01-6	HC-06																
BR01-6	HC-06	130	3.5	<0.5	<0.5	28.9	<0.05	<0.01	<0.5					25.2	0.215	0.00005	0.00430
BR01-6	HC-06																
BR01-6	HC-06	140	4.0	<0.5	<0.5	31.2	<0.05	<0.01	<0.5					28.0	0.231	0.00005	0.00492
BR01-6	HC-06																
BR01-6	HC-06	140	4.0	<0.5	<0.5	30.1	<0.05	<0.01	<0.5					24.4	0.206	0.00006	0.00454
BR01-6	HC-06																
BR01-6	HC-06	140	3.8	<0.5	<0.5	31.1	<0.05	<0.01	<0.5					26.7	0.213	0.00005	0.00480
BR01-6	HC-06																
BR01-6	HC-06	140	6.2	<0.5	<0.5	28.1	<0.05	<0.01	0.5					26.8	0.169	0.00004	0.00383
BR01-6	HC-06																
BR01-6	HC-06	140	5.8	<0.5	0.6	25.5	<0.05	<0.01	<0.5					26.1	0.187	0.00004	0.00406
BR01-6	HC-06																
BR01-6	HC-06	130	6.6	<0.5	<0.5	25.9	<0.05	<0.01	<0.5					28.5	0.196	0.00004	0.00434
BR01-6	HC-06																
BR01-6	HC-06	125	6.8	<0.5	<0.5	24.4	<0.05	<0.01	<0.5					25.6	0.179	0.00004	0.00407
BR01-6	HC-06																
BR01-6	HC-06	135	8.5	<0.5	<0.5	25.8	<0.05	<0.01	<0.5					27.8	0.166	0.00003	0.00439
BR01-6	HC-06																
BR01-6	HC-06	140	6.6	<0.5	<0.5	25.6	<0.05	<0.01	<0.5					26.0	0.169	0.00003	0.00458
BR01-6	HC-06																
BR01-6	HC-06	140	6.4	<0.5	<0.5	24.8	<0.05	<0.01	<0.5					25.3	0.191	0.00003	0.00564

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-6	HC-06	0.00169	<0.00001	<0.000005	0.08	0.00019	<0.000005	4.66	0.0001	0.000016	0.00076	<0.00005	0.018	0.000025	0.0038	0.79
BR01-6	HC-06	0.00344	<0.00001	<0.000005	0.21	0.00027	<0.000005	7.52	<0.0001	0.000018	0.00035	<0.00005	0.013	0.000013	0.0073	2.13
BR01-6	HC-06	0.00291	<0.00001	<0.000005	0.15	0.00018	<0.000005	6.78	<0.0001	0.000014	0.00024	<0.00005	0.012	0.000016	0.0069	2.10
BR01-6	HC-06	0.00295	<0.00001	<0.000005	0.12	0.00018	<0.000005	7.37	<0.0001	0.000019	0.00029	<0.00005	0.018	0.000029	0.0077	2.29
BR01-6	HC-06	0.00303	<0.00001	<0.000005	0.07	0.00018	<0.000005	7.86	<0.0001	0.000027	0.00026	<0.00005	0.021	0.000017	0.0063	2.20
BR01-6	HC-06	0.00283	<0.00001	<0.000005	0.05	0.00015	<0.000005	7.33	0.0001	0.000026	0.00088	<0.00005	0.020	0.000040	0.0061	2.09
BR01-6	HC-06	0.00288	<0.00001	<0.000005	<0.05	0.00014	<0.000005	7.37	<0.0001	0.000019	0.00025	<0.00005	0.030	0.000019	0.0062	1.94
BR01-6	HC-06	0.00276	<0.00001	<0.000005	<0.05	0.00015	<0.000005	7.45	<0.0001	0.000027	0.00019	<0.00005	0.026	0.000017	0.0057	1.89
BR01-6	HC-06	0.00305	<0.00001	<0.000005	<0.05	0.00015	<0.000005	8.72	<0.0001	0.000034	0.00022	<0.00005	0.026	0.000068	0.0062	1.94
BR01-6	HC-06	0.00273	<0.00001	<0.000005	<0.05	0.00016	<0.000005	7.86	<0.0001	0.000032	0.00034	<0.00005	0.025	0.000011	0.0060	2.02
BR01-6	HC-06	0.00309	<0.00001	<0.000005	<0.05	0.00017	<0.000005	8.49	<0.0001	0.000042	0.00140	<0.00005	0.042	0.000025	0.0064	2.01
BR01-6	HC-06	0.00284	<0.00001	<0.000005	<0.05	0.00014	<0.000005	8.57	0.0001	0.000038	0.00026	<0.00005	0.031	0.000018	0.0062	2.00
BR01-6	HC-06	0.00319	<0.00001	<0.000005	<0.05	0.00015	<0.000005	8.44	0.0001	0.000043	0.00024	<0.00005	0.028	0.000081	0.0055	1.94
BR01-6	HC-06	0.00290	<0.00001	<0.000005	<0.05	0.00015	<0.000005	8.35	<0.0001	0.000038	0.00037	<0.00005	0.042	0.000025	0.0058	1.94
BR01-6	HC-06	0.00282	<0.00001	<0.000005	<0.05	0.00015	<0.000005	8.63	<0.0001	0.000040	0.00031	<0.00005	0.032	0.000033	0.0054	1.83
BR01-6	HC-06	0.00296	<0.00001	<0.000005	<0.05	0.00015	<0.000005	8.29	<0.0001	0.000035	0.00042	<0.00005	0.021	0.000400	0.0054	1.67
BR01-6	HC-06	0.00303	<0.00001	<0.000005	<0.05	0.00015	<0.000005	9.11	<0.0001	0.000033	0.00047	<0.00005	0.021	0.000016	0.0054	1.67
BR01-6	HC-06	0.00295	<0.00001	<0.000005	<0.05	0.00014	<0.000005	9.15	<0.0001	0.000043	0.00023	<0.00005	0.021	0.000019	0.0054	1.67
BR01-6	HC-06	0.00303	<0.00001	<0.000005	<0.05	0.00016	<0.000005	9.15	<0.0001	0.000065	0.00041	<0.00005	0.074	<0.000005	0.0052	1.66
BR01-6	HC-06	0.00297	<0.00001	<0.000005	<0.05	0.00019	<0.000005	9.29	<0.0001	0.000048	0.00021	<0.00005	0.019	0.000546	0.0052	1.48
BR01-6	HC-06	0.00308	<0.00001	<0.000005	<0.05	0.00016	<0.000005	8.33	<0.0001	0.000067	0.00058	<0.00005	0.051	0.000040	0.0051	1.58
BR01-6	HC-06															
BR01-6	HC-06	0.00300	<0.00001	<0.000005	<0.05	0.00017	<0.000005	9.15	<0.0001	0.000038	0.00018	<0.00005	0.016	0.000017	0.0052	1.40
BR01-6	HC-06															
BR01-6	HC-06	0.00335	<0.00001	<0.000005	<0.05	0.00017	<0.000005	8.80	<0.0001	0.000035	0.00030	<0.00005	0.012	0.000015	0.0048	1.32
BR01-6	HC-06															
BR01-6	HC-06	0.00312	<0.00001	0.000011	<0.05	0.00017	<0.000005	8.98	0.0003	0.000037	0.00026	<0.00005	0.011	0.000007	0.0043	1.20
BR01-6	HC-06															
BR01-6	HC-06	0.00293	<0.00001	<0.000005	<0.05	0.00017	<0.000005	8.06	0.0002	0.000054	0.00039	<0.00005	0.012	0.000041	0.0038	1.03
BR01-6	HC-06															
BR01-6	HC-06	0.00331	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.37	0.0001	0.000047	0.00015	<0.00005	0.012	0.000016	0.0043	1.05
BR01-6	HC-06															
BR01-6	HC-06	0.00333	<0.00001	<0.000005	<0.05	0.00019	<0.000005	9.39	<0.0001	0.000052	0.00020	<0.00005	0.011	0.000022	0.0045	1.11
BR01-6	HC-06															
BR01-6	HC-06	0.00310	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.10	<0.0001	0.000055	0.00016	<0.00005	0.009	0.000051	0.0044	1.01
BR01-6	HC-06															
BR01-6	HC-06	0.00322	<0.00001	<0.000005	<0.05	0.00018	<0.000005	9.00	<0.0001	0.000056	0.00028	<0.00005	0.011	0.000009	0.0043	1.04
BR01-6	HC-06															
BR01-6	HC-06	0.00328	<0.00001	<0.000005	<0.05	0.00018	<0.000005	9.09	<0.0001	0.000058	0.00030	<0.00005	0.007	<0.000005	0.0040	1.00
BR01-6	HC-06															
BR01-6	HC-06	0.00306	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.85	<0.0001	0.000054	0.00027	<0.00005	0.007	0.000070	0.0038	0.96
BR01-6	HC-06															
BR01-6	HC-06	0.00303	<0.00001	<0.000005	<0.05	0.00019	<0.000005	9.78	<0.0001	0.000059	0.00033	<0.00005	0.011	0.000103	0.0040	1.00
BR01-6	HC-06															
BR01-6	HC-06	0.00333	<0.00001	<0.000005	<0.05	0.00020	<0.000005	8.79	<0.0001	0.000063	0.00024	<0.00005	0.006	<0.000005	0.0043	0.89
BR01-6	HC-06															
BR01-6	HC-06	0.00335	<0.00001	<0.000005	<0.05	0.00020	<0.000005	9.54	<0.0001	0.000085	0.00023	<0.00005	0.005	0.000047	0.0029	0.96
BR01-6	HC-06															
BR01-6	HC-06	0.00299	<0.00001	<0.000005	<0.05	0.00020	<0.000005	9.04	<0.0001	0.000086	0.00025	<0.00005	0.006	0.000006	0.0035	0.84
BR01-6	HC-06															
BR01-6	HC-06	0.00315	<0.00001	<0.000005	<0.05	0.00022	<0.000005	8.66	<0.0001	0.000069	0.00030	<0.00005	0.003	0.000005	0.0039	0.90

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-6	HC-06	0.00072	<0.00001	0.037	0.00116	0.00076	11.40	0.01330	0.00032	1.0	<0.000005	8.54	0.02030	<10	<0.00002	0.000010
BR01-6	HC-06	0.00228	<0.00001	0.015	0.00319	0.00025	14.50	0.01550	0.00057	1.6	<0.000005	12.90	0.04400	<10	<0.00002	0.000013
BR01-6	HC-06	0.00241	<0.00001	0.013	0.00161	0.00010	11.70	0.01290	0.00067	1.4	<0.000005	7.86	0.03810	<10	<0.00002	0.000014
BR01-6	HC-06	0.00309	<0.00001	0.004	0.00085	0.00009	10.10	0.01100	0.00060	1.4	<0.000005	5.45	0.03820	<10	<0.00002	0.000011
BR01-6	HC-06	0.00379	<0.00001	0.005	0.00047	0.00016	8.67	0.01010	0.00054	1.4	<0.000005	3.64	0.03810	<10	<0.00002	0.000010
BR01-6	HC-06	0.00382	<0.00001	0.010	0.00033	0.00018	7.46	0.00968	0.00048	1.3	<0.000005	2.42	0.03710	<10	0.00003	0.000010
BR01-6	HC-06	0.00425	<0.00001	0.008	0.00021	0.00007	6.56	0.00897	0.00049	1.2	<0.000005	1.73	0.03370	<10	<0.00002	0.000010
BR01-6	HC-06	0.00486	<0.00001	0.003	0.00023	0.00014	6.67	0.00838	0.00053	1.2	<0.000005	1.42	0.03460	<10	<0.00002	0.000012
BR01-6	HC-06	0.00508	<0.00001	0.005	0.00021	0.00015	6.07	0.00862	0.00052	1.6	<0.000005	1.22	0.03600	<10	<0.00002	0.000011
BR01-6	HC-06	0.00489	0.00001	0.007	0.00022	0.00008	6.02	0.00835	0.00042	1.2	<0.000005	1.09	0.03680	<10	<0.00002	0.000008
BR01-6	HC-06	0.00624	<0.00001	<0.002	0.00019	0.00005	5.86	0.00802	0.00055	1.3	<0.000005	0.91	0.03730	<10	<0.00002	0.000011
BR01-6	HC-06	0.00633	<0.00001	0.004	0.00017	0.00008	5.49	0.00792	0.00029	1.3	<0.000005	0.78	0.03690	<10	<0.00002	0.000011
BR01-6	HC-06	0.00597	<0.00001	0.005	0.00018	0.00016	5.59	0.00761	0.00036	1.3	<0.000005	0.74	0.03700	<10	<0.00002	0.000011
BR01-6	HC-06	0.00685	<0.00001	<0.002	0.00022	0.00008	5.41	0.00795	0.00034	1.2	<0.000005	0.61	0.03610	<10	<0.00002	0.000006
BR01-6	HC-06	0.00589	<0.00001	<0.002	0.00020	0.00012	5.03	0.00726	0.00031	1.2	<0.000005	0.56	0.03480	<10	<0.00002	0.000009
BR01-6	HC-06	0.00618	<0.00001	<0.002	0.00022	0.00009	5.16	0.00798	0.00023	1.1	<0.000005	0.50	0.03670	<10	<0.00002	0.000009
BR01-6	HC-06	0.00711	<0.00001	<0.002	0.00016	0.00003	5.06	0.00794	0.00027	1.3	<0.000005	0.47	0.03470	<10	<0.00002	0.000007
BR01-6	HC-06	0.00597	<0.00001	<0.002	0.00017	0.00176	4.89	0.00733	0.00019	1.2	<0.000005	0.46	0.03400	<10	<0.00002	0.000008
BR01-6	HC-06	0.00711	0.00003	0.004	0.00021	0.00023	4.80	0.00725	0.00027	1.3	<0.000005	0.41	0.03260	<10	<0.00002	0.000009
BR01-6	HC-06	0.00594	<0.00001	<0.002	0.00022	0.00011	4.69	0.00782	0.00027	1.2	<0.000005	0.35	0.03230	<10	<0.00002	0.000008
BR01-6	HC-06	0.00782	0.00001	<0.002	0.00028	0.00011	4.65	0.00782	0.00024	1.2	<0.000005	0.35	0.03170	<10	<0.00002	0.000007
BR01-6	HC-06															
BR01-6	HC-06	0.00565	<0.00001	0.002	0.00024	0.00018	4.59	0.00845	0.00023	1.2	<0.000005	0.31	0.03090	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00588	<0.00001	0.002	0.00020	0.00027	4.28	0.00784	0.00020	1.2	<0.000005	0.28	0.02860	<10	<0.00002	0.000011
BR01-6	HC-06															
BR01-6	HC-06	0.00528	<0.00001	0.016	0.00016	0.00015	3.91	0.00709	0.00021	1.1	<0.000005	0.26	0.02640	<10	<0.00002	0.000010
BR01-6	HC-06															
BR01-6	HC-06	0.00541	<0.00001	0.002	0.00024	0.00010	3.34	0.00689	0.00026	1.0	<0.000005	0.20	0.02290	<10	<0.00002	0.000012
BR01-6	HC-06															
BR01-6	HC-06	0.00520	<0.00001	<0.002	0.00024	0.00014	3.42	0.00704	0.00015	1.0	<0.000005	0.20	0.02350	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00511	<0.00001	<0.002	0.00024	0.00008	3.60	0.00787	0.00015	1.1	<0.000005	0.20	0.02460	<10	<0.00002	0.000013
BR01-6	HC-06															
BR01-6	HC-06	0.00556	<0.00001	<0.002	0.00021	0.00007	3.55	0.00726	0.00018	0.8	<0.000005	0.18	0.02250	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00649	<0.00001	0.011	0.00019	0.00012	3.32	0.00748	0.00011	0.9	<0.000005	0.19	0.02210	<10	<0.00002	0.000010
BR01-6	HC-06															
BR01-6	HC-06	0.00606	<0.00001	0.005	0.00021	0.00013	3.02	0.00734	0.00011	1.0	<0.000005	0.17	0.02250	<10	<0.00002	0.000011
BR01-6	HC-06															
BR01-6	HC-06	0.00647	<0.00001	<0.002	0.00034	0.00036	2.83	0.00674	0.00010	0.9	<0.000005	0.16	0.02040	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00635	<0.00001	<0.002	0.00037	0.00015	2.89	0.00652	0.00008	1.0	<0.000005	0.17	0.02050	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00566	<0.00001	<0.002	0.00038	0.00011	2.44	0.00670	0.00011	0.8	<0.000005	0.13	0.02090	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00751	<0.00001	0.013	0.00046	0.00041	2.41	0.00652	0.00013	0.9	<0.000005	0.17	0.02070	<10	<0.00002	0.000012
BR01-6	HC-06															
BR01-6	HC-06	0.00645	<0.00001	0.013	0.00040	0.00019	2.47	0.00661	0.00016	0.9	<0.000005	0.14	0.0183	<10	<0.00002	0.000010
BR01-6	HC-06															
BR01-6	HC-06	0.00592	<0.00001	0.010	0.00046	0.00010	2.51	0.00680	0.00019	0.9	<0.000005	0.15	0.0187	<10	<0.00002	0.000009

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-6	HC-06	<0.000005	0.0005	0.0012	0.00086	0.000002	0.0045	0.0003	<0.0001	<0.002				1.00	0.98	0.56
BR01-6	HC-06	<0.000005	0.0006	0.0010	0.00211	0.000011	0.0051	0.0003	<0.0001	<0.002				1.46	1.51	-1.69
BR01-6	HC-06	<0.000005	0.0004	0.0005	0.00119	0.000034	0.0056	0.0001	<0.0001	<0.002				1.21	1.18	1.25
BR01-6	HC-06	<0.000005	0.0004	0.0012	0.00044	0.000028	0.0046	0.0004	<0.0001	<0.002				1.06	1.08	-0.89
BR01-6	HC-06	<0.000005	0.0004	0.0008	0.00031	0.000022	0.0045	0.0002	<0.0001	<0.002				0.90	0.98	-4.58
BR01-6	HC-06	<0.000005	0.0003	0.0010	0.00023	0.000021	0.0044	0.0009	<0.0001	<0.002				0.91	0.86	2.49
BR01-6	HC-06	<0.000005	0.0004	0.0010	0.00015	0.000011	0.0036	0.0003	<0.0001	<0.002				0.82	0.80	1.17
BR01-6	HC-06	<0.000005	0.0003	0.0015	0.00014	0.000046	0.0043	0.0001	<0.0001	<0.002				0.76	0.79	-1.55
BR01-6	HC-06	<0.000005	0.0006	0.0012	0.00012	0.000040	0.0044	0.0005	<0.0001	<0.002				0.82	0.83	-0.67
BR01-6	HC-06	<0.000005	0.0005	0.0013	0.00011	0.000011	0.0042	0.0001	0.0001	<0.002				0.80	0.79	0.44
BR01-6	HC-06	<0.000005	0.0007	0.0026	0.00012	0.000023	0.0043	0.0002	0.0005	<0.002				0.87	0.81	3.69
BR01-6	HC-06	<0.000005	0.0006	0.0016	0.00008	0.000020	0.0042	0.0002	<0.0001	<0.002				0.84	0.80	2.87
BR01-6	HC-06	<0.000005	0.0007	0.0013	0.00011	0.000025	0.0040	0.0007	<0.0001	<0.002				0.78	0.78	-0.39
BR01-6	HC-06	<0.000005	0.0006	0.0021	0.00009	0.000018	0.0042	0.0001	<0.0001	<0.002				0.74	0.77	-1.91
BR01-6	HC-06	<0.000005	0.0007	0.0016	0.00010	0.000028	0.0041	0.0002	<0.0001	<0.002				0.76	0.76	-0.33
BR01-6	HC-06	<0.000005	0.0013	0.0009	0.00007	0.000018	0.0038	0.0004	<0.0001	<0.002				0.82	0.73	5.56
BR01-6	HC-06	<0.000005	0.0007	0.0012	0.00007	0.000026	0.0038	0.0003	<0.0001	<0.002				0.80	0.77	1.79
BR01-6	HC-06	<0.000005	0.0005	0.0008	0.00006	0.000017	0.0039	0.0001	<0.0001	<0.002				0.79	0.77	1.73
BR01-6	HC-06	<0.000005	0.0007	0.0043	0.00005	0.000049	0.0037	<0.0001	<0.0001	<0.002				0.73	0.75	-1.69
BR01-6	HC-06	<0.000005	0.0006	0.0013	0.00005	0.000025	0.0040	0.0002	<0.0001	<0.002				0.76	0.75	0.60
BR01-6	HC-06	<0.000005	0.0006	0.0038	0.00005	0.000041	0.0038	0.0006	0.0001	<0.002				0.79	0.71	5.02
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0005	0.0008	0.00004	0.000033	0.0035	0.0002	<0.0001	<0.002				0.76	0.73	1.75
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0005	0.0006	0.00004	0.000023	0.0033	<0.0001	<0.0001	<0.002				0.68	0.70	-0.87
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0008	0.0006	0.00004	0.000018	0.0031	0.0003	<0.0001	<0.002				0.67	0.68	-1.04
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0008	<0.0005	0.00003	0.000018	0.0027	<0.0001	<0.0001	<0.002				0.63	0.60	2.27
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0007	0.0006	0.00003	0.000017	0.0028	0.0001	<0.0001	<0.002				0.65	0.62	2.04
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0005	0.0006	0.00002	0.000015	0.0030	0.0001	<0.0001	<0.002				0.71	0.69	1.58
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0005	0.0010	0.00003	0.000015	0.0030	0.0002	<0.0001	<0.002				0.69	0.61	5.87
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0005	0.0009	0.00003	0.000019	0.0028	0.0002	<0.0001	<0.002				0.70	0.65	3.55
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00003	0.000024	0.0021	0.0002	<0.0001	<0.002				0.71	0.64	4.90
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000013	0.0022	0.0002	<0.0001	<0.002				0.63	0.62	0.72
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	0.0006	0.00002	0.000018	0.0022	0.0002	<0.0001	<0.002				0.66	0.67	-1.43
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0005	<0.0005	0.00003	0.000019	0.0020	<0.0001	<0.0001	<0.002				0.63	0.60	2.36
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000019	0.0023	0.0006	<0.0001	<0.002				0.69	0.64	3.67
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000015	0.0022	0.0002	<0.0001	<0.002				0.65	0.61	3.34
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000021	0.0022	0.0001	<0.0001	<0.002				0.63	0.60	2.45

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	51	17-Dec-13	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	52	24-Dec-13	500	475	7.87	61.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	53	31-Dec-13	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	54	07-Jan-14	500	475	7.85	58.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	55	14-Jan-14	500	480		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	56	21-Jan-14	500	475	7.93	57.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	57	28-Jan-14	500	465		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	58	04-Feb-14	500	465	7.78	59.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	59	11-Feb-14	500	460		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	60	18-Feb-14	500	460	7.91	58.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	61	25-Feb-14	500	475		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	62	04-Mar-14	500	495	7.84	60.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	63	11-Mar-14	500	460		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	64	18-Mar-14	500	480	8.12	59.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	65	25-Mar-14	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	66	01-Apr-14	500	490	7.83	58.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	67	08-Apr-14	500	475		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	68	15-Apr-14	500	460	7.87	57.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	69	22-Apr-14	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	70	29-Apr-14	500	470	7.85	56.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	71	06-May-14	500	490		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	72	13-May-14	500	470	7.89	58.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	73	20-May-14	500	485		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	74	27-May-14	500	485	7.97	57.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	75	03-Jun-14	500	490		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	76	10-Jun-14	500	475	7.88	57.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	77	17-Jun-14	500	475		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	78	24-Jun-14	500	485	7.87	59.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	79	01-Jul-14	500	470		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	80	08-Jul-14	500	455	8.00	55.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	81	15-Jul-14	500	475		
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	82	22-Jul-14	500	465	7.96	53.0
BR01-6	HC-06	Goose Main	Gabbro	08GSE006	265.00	267.00	0.17	0.10	0.40	41.80	9.86	83	29-Jul-14	500	475		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	0	25-Dec-12	750	570	8.47	285
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	1	01-Jan-13	500	445	8.74	151
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	2	08-Jan-13	500	460	8.32	146
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	3	15-Jan-13	500	480	8.62	110
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	4	22-Jan-13	500	465	7.94	109
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	5	29-Jan-13	500	455	8.03	110
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	6	05-Feb-13	500	460	7.99	95.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	7	12-Feb-13	500	470	7.94	96.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	8	19-Feb-13	500	465	7.98	91.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	9	26-Feb-13	500	465	7.93	85.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-6	HC-06																
BR01-6	HC-06	135	6.4	<0.5	<0.5	25.1	<0.05	<0.01	<0.5					27.2	0.170	0.00003	0.00485
BR01-6	HC-06																
BR01-6	HC-06	130	6.7	<0.5	<0.5	22.9	<0.05	<0.01	<0.5					23.9	0.168	0.00003	0.00541
BR01-6	HC-06																
BR01-6	HC-06	135	4.9	<0.5	<0.5	25.7	<0.05	<0.01	<0.5					24.8	0.161	0.00003	0.00536
BR01-6	HC-06																
BR01-6	HC-06	135	6.1	<0.5	1.2	24.0	<0.05	<0.01	<0.5					24.4	0.171	0.00003	0.00601
BR01-6	HC-06																
BR01-6	HC-06	145	6.1	<0.5	<0.5	24.8	<0.05	<0.01	<0.5					24.0	0.177	0.00002	0.00611
BR01-6	HC-06																
BR01-6	HC-06	140	5.3	<0.5	<0.5	26.6	<0.05	<0.01	<0.5					24.3	0.165	0.00002	0.00637
BR01-6	HC-06																
BR01-6	HC-06	135	5.2	<0.5	<0.5	24.8	<0.05	<0.01	<0.5					23.8	0.153	0.00002	0.00596
BR01-6	HC-06																
BR01-6	HC-06	135	4.8	<0.5	<0.5	23.4	<0.05	<0.01	0.5					24.5	0.166	<0.00002	0.00635
BR01-6	HC-06																
BR01-6	HC-06	140	4.4	<0.5	<0.5	23.2	<0.05	<0.01	<0.5					24.0	0.173	0.00002	0.00660
BR01-6	HC-06																
BR01-6	HC-06	145	4.8	<0.5	<0.5	23.6	<0.05	<0.01	<0.5					23.9	0.163	0.00002	0.00624
BR01-6	HC-06																
BR01-6	HC-06	125	4.1	<0.5	<0.5	24.8	<0.05	<0.01	<0.5					24.6	0.153	0.00002	0.00648
BR01-6	HC-06																
BR01-6	HC-06	130	2.9	<0.5	<0.5	22.5	<0.05	<0.01	0.8					24.1	0.159	0.00002	0.00633
BR01-6	HC-06																
BR01-6	HC-06	130	3.3	<0.5	<0.5	21.6	<0.05	<0.01	1.1					27.4	0.160	<0.00002	0.00619
BR01-6	HC-06																
BR01-6	HC-06	130	3.5	<0.5	<0.5	24.5	<0.05	<0.01	1.4					24.8	0.156	0.00002	0.00695
BR01-6	HC-06																
BR01-6	HC-06	130	5.1	<0.5	<0.5	23.2	<0.05	<0.01	2.1					26.7	0.176	0.00002	0.00593
BR01-6	HC-06																
BR01-6	HC-06	130	3.1	<0.5	<0.5	21.1	<0.05	<0.01	1.4					23.4	0.152	<0.00002	0.00561
BR01-6	HC-06																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-7	HC-07	115	22.8	<0.5	<0.5	65.0	0.24	0.110	25.6	<2	<0.5			44.8	0.0629	0.00042	0.00101
BR01-7	HC-07	105	14.4	<0.5	<0.5	49.8	0.14	0.025	4.9	<2	<0.5			34.0	0.172	0.00053	0.00803
BR01-7	HC-07	110	12.1	<0.5	<0.5	53.3	0.09	<0.01	1.4	<2	<0.5			39.9	0.153	0.00047	0.01600
BR01-7	HC-07	120	9.4	<0.5	<0.5	42.4	0.06	<0.01	0.9	<2	<0.5			38.2	0.422	0.00034	0.02440
BR01-7	HC-07	140	8.5	<0.5	1.9	43.7	<0.05	<0.01	<0.5	<0.02	<0.005			38.8	0.221	0.00029	0.02910
BR01-7	HC-07	135	7.1	<0.5	<0.5	43.5	<0.05	<0.01	0.5					39.6	0.210	0.00025	0.03410
BR01-7	HC-07	130	7.4	<0.5	1.7	40.8	<0.05	<0.01	0.5					39.7	0.221	0.00023	0.04260
BR01-7	HC-07	130	7.2	<0.5	<0.5	41.0	<0.05	<0.01	0.6					39.3	0.223	0.00018	0.04910
BR01-7	HC-07	115	5.8	<0.5	<0.5	39.5	<0.05	<0.01	0.6					40.9	0.232	0.00018	0.05080
BR01-7	HC-07	120	5.6	<0.5	<0.5	39.6	<0.05	<0.01	<0.5					43.7	0.240	0.00015	0.05350

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-6	HC-06															
BR01-6	HC-06	0.00337	<0.00001	<0.000005	<0.05	0.00022	<0.000005	9.49	<0.0001	0.000075	0.00012	<0.00005	0.001	0.000026	0.0039	0.86
BR01-6	HC-06															
BR01-6	HC-06	0.00276	<0.00001	<0.000005	<0.05	0.00017	<0.000005	8.34	<0.0001	0.000068	0.00023	<0.00005	0.002	0.000006	0.0036	0.75
BR01-6	HC-06															
BR01-6	HC-06	0.00281	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.73	<0.0001	0.000072	0.00016	<0.00005	0.004	0.000011	0.0032	0.73
BR01-6	HC-06															
BR01-6	HC-06	0.00261	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.55	<0.0001	0.000072	0.00019	<0.00005	0.006	<0.000005	0.0034	0.74
BR01-6	HC-06															
BR01-6	HC-06	0.00257	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.43	<0.0001	0.000061	0.00020	<0.00005	0.003	0.000096	0.0037	0.71
BR01-6	HC-06															
BR01-6	HC-06	0.00292	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.56	<0.0001	0.000080	0.00036	<0.00005	0.003	0.000012	0.0032	0.70
BR01-6	HC-06															
BR01-6	HC-06	0.00262	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.40	<0.0001	0.000074	0.00027	<0.00005	0.004	0.000131	0.0028	0.68
BR01-6	HC-06															
BR01-6	HC-06	0.00262	<0.00001	<0.000005	<0.05	0.00020	<0.000005	8.73	<0.0001	0.000078	0.00016	<0.00005	0.001	<0.000005	0.0029	0.65
BR01-6	HC-06															
BR01-6	HC-06	0.00243	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.52	<0.0001	0.000081	0.00022	<0.00005	0.002	<0.000005	0.0030	0.67
BR01-6	HC-06															
BR01-6	HC-06	0.00242	<0.00001	<0.000005	<0.05	0.00020	<0.000005	8.58	<0.0001	0.000078	0.00027	<0.00005	0.002	<0.000005	0.0031	0.60
BR01-6	HC-06															
BR01-6	HC-06	0.00244	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.81	<0.0001	0.000078	0.00019	<0.00005	0.002	<0.000005	0.0027	0.63
BR01-6	HC-06															
BR01-6	HC-06	0.00230	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.62	<0.0001	0.000089	0.00021	<0.00005	0.002	0.000047	0.0027	0.62
BR01-6	HC-06															
BR01-6	HC-06	0.00305	<0.00001	<0.000005	<0.05	0.00020	<0.000005	9.94	<0.0001	0.000067	0.00010	<0.00005	0.002	<0.000005	0.0025	0.64
BR01-6	HC-06															
BR01-6	HC-06	0.00236	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.89	<0.0001	0.000094	0.00018	<0.00005	0.003	<0.000005	0.0026	0.64
BR01-6	HC-06															
BR01-6	HC-06	0.00251	<0.00001	<0.000005	<0.05	0.00020	<0.000005	9.63	<0.0001	0.000092	0.00039	<0.00005	0.004	0.000007	0.0027	0.64
BR01-6	HC-06															
BR01-6	HC-06	0.00254	<0.00001	<0.000005	<0.05	0.00020	<0.000005	8.39	<0.0001	0.000095	0.00020	<0.00005	0.013	0.000006	0.0021	0.60
BR01-6	HC-06															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-7	HC-07	0.00148	<0.00001	<0.000005	0.49	0.00053	<0.000005	11.0	<0.0001	0.000028	0.00239	<0.00005	0.002	0.000035	0.0142	4.20
BR01-7	HC-07	0.00077	<0.00001	<0.000005	0.44	0.00031	<0.000005	9.09	0.0002	0.000034	0.00068	<0.00005	0.001	0.000008	0.0092	2.74
BR01-7	HC-07	0.00075	<0.00001	<0.000005	0.28	0.00029	<0.000005	10.5	0.0002	0.000038	0.00055	<0.00005	0.002	0.000013	0.0087	3.34
BR01-7	HC-07	0.00149	<0.00001	<0.000005	0.17	0.00029	<0.000005	10.1	0.0004	0.000213	0.00140	0.00012	0.309	0.000145	0.0081	3.16
BR01-7	HC-07	0.00069	<0.00001	0.000005	0.10	0.00022	<0.000005	10.8	0.0001	0.000044	0.00023	<0.00005	0.002	0.000014	0.0059	2.87
BR01-7	HC-07	0.00238	<0.00001	<0.000005	0.09	0.00020	<0.000005	11.1	0.0002	0.000050	0.00028	<0.00005	0.004	0.000016	0.0060	2.86
BR01-7	HC-07	0.00287	<0.00001	<0.000005	0.07	0.00019	<0.000005	11.6	<0.0001	0.000050	0.00049	<0.00005	0.003	0.000013	0.0053	2.64
BR01-7	HC-07	0.00088	<0.00001	<0.000005	0.06	0.00016	<0.000005	11.7	0.0001	0.000062	0.00030	<0.00005	0.007	0.000053	0.0053	2.43
BR01-7	HC-07	0.00167	<0.00001	<0.000005	<0.05	0.00016	<0.000005	12.8	0.0002	0.000068	0.00037	<0.00005	0.008	0.000042	0.0051	2.15
BR01-7	HC-07	0.00183	<0.00001	<0.000005	<0.05	0.00015	<0.000005	14.2	0.0002	0.000051	0.00049	<0.00005	0.007	0.000010	0.0047	2.02

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-6	HC-06															
BR01-6	HC-06	0.01010	<0.00001	0.022	0.00047	0.00019	2.40	0.00623	0.00013	0.9	<0.000005	0.15	0.0177	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00595	<0.00001	0.008	0.00042	0.00020	2.29	0.00597	0.00013	0.8	<0.000005	0.13	0.0161	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00536	<0.00001	0.026	0.00039	0.00021	2.39	0.00609	0.00009	0.9	<0.000005	0.13	0.0160	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00508	<0.00001	0.004	0.00041	0.00009	2.28	0.00623	0.00014	0.8	<0.000005	0.11	0.0150	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00465	<0.00001	0.005	0.00039	0.00018	2.09	0.00647	0.00015	0.8	<0.000005	0.12	0.0149	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00501	<0.00001	0.005	0.00039	0.00011	2.15	0.00598	0.00011	0.8	<0.000005	0.10	0.0150	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00489	<0.00001	0.020	0.00040	0.00029	1.96	0.00583	0.00015	0.8	<0.000005	0.11	0.0141	<10	<0.00002	0.000010
BR01-6	HC-06															
BR01-6	HC-06	0.00509	<0.00001	0.004	0.00042	0.00009	1.92	0.00615	0.00017	0.8	<0.000005	0.10	0.0134	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00529	<0.00001	0.002	0.00045	0.00029	1.92	0.00599	0.00015	0.9	<0.000005	0.10	0.0134	<10	<0.00002	0.000010
BR01-6	HC-06															
BR01-6	HC-06	0.00510	<0.00001	0.003	0.00043	0.00019	1.80	0.00580	0.00013	0.8	<0.000005	0.10	0.0142	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00510	<0.00001	0.008	0.00040	0.00016	1.82	0.00564	0.00015	0.9	<0.000005	0.09	0.0133	<10	<0.00002	0.000009
BR01-6	HC-06															
BR01-6	HC-06	0.00514	<0.00001	0.004	0.00041	0.00023	1.61	0.00547	0.00013	0.8	<0.000005	0.10	0.0122	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00421	<0.00001	<0.002	0.00042	0.00013	1.70	0.00574	0.00013	1.0	<0.000005	0.09	0.0126	<10	<0.00002	0.000008
BR01-6	HC-06															
BR01-6	HC-06	0.00539	<0.00001	0.005	0.00043	0.00029	1.74	0.00534	0.00014	0.9	0.000008	0.10	0.0126	<10	<0.00002	0.000007
BR01-6	HC-06															
BR01-6	HC-06	0.00774	<0.00001	0.005	0.00041	0.00016	1.92	0.00591	0.00012	0.9	<0.000005	0.11	0.0122	<10	<0.00002	0.000011
BR01-6	HC-06															
BR01-6	HC-06	0.00556	<0.00001	<0.002	0.00037	0.00013	1.77	0.00543	0.00012	0.9	<0.000005	0.08	0.0110	<10	<0.00002	0.000007
BR01-6	HC-06															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-7	HC-07	0.00304	<0.00001	0.053	0.00247	0.00140	9.68	0.01600	0.00094	3.2	<0.000005	32.40	0.0528	<10	<0.00002	0.000034
BR01-7	HC-07	0.00263	<0.00001	0.011	0.00607	0.00052	7.72	0.01330	0.00137	4.2	<0.000005	13.40	0.0366	<10	<0.00002	0.000026
BR01-7	HC-07	0.00308	<0.00001	0.014	0.00190	0.00044	6.95	0.01190	0.00150	4.2	<0.000005	7.69	0.0428	<10	<0.00002	0.000028
BR01-7	HC-07	0.00693	<0.00001	0.039	0.00074	0.00059	5.40	0.00982	0.00120	4.5	<0.000005	4.49	0.0375	<10	<0.00002	0.000023
BR01-7	HC-07	0.00207	<0.00001	0.022	0.00061	0.00030	4.71	0.00916	0.00134	4.0	<0.000005	3.29	0.0392	<10	<0.00002	0.000017
BR01-7	HC-07	0.00284	<0.00001	0.022	0.00043	0.00036	4.38	0.00831	0.00096	4.0	<0.000005	2.56	0.0392	<10	0.00002	0.000019
BR01-7	HC-07	0.00281	0.00001	0.015	0.00043	0.00075	3.82	0.00764	0.00110	3.9	<0.000005	1.96	0.0393	<10	<0.00002	0.000015
BR01-7	HC-07	0.00331	<0.00001	0.010	0.00032	0.00045	3.58	0.00705	0.00088	3.8	<0.000005	1.81	0.0386	<10	<0.00002	0.000017
BR01-7	HC-07	0.00236	<0.00001	0.016	0.00043	0.00041	3.18	0.00669	0.00081	4.9	<0.000005	1.50	0.0353	<10	<0.00002	0.000033
BR01-7	HC-07	0.00229	0.00002	0.017	0.00036	0.00031	2.92	0.00678	0.00121	4.4	<0.000005	1.33	0.0355	<10	<0.00002	0.000013

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-6	HC-06															
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000012	0.0018	0.0002	<0.0001	<0.002				0.63	0.63	0.16
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000010	0.0021	0.0004	<0.0001	<0.002				0.60	0.56	3.19
BR01-6	HC-06	<0.000005	0.0004	0.0007	0.00003	0.000016	0.0022	0.0001	<0.0001	<0.002				0.62	0.58	2.92
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000014	0.0023	<0.0001	<0.0001	<0.002				0.61	0.57	3.14
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000013	0.0022	0.0003	<0.0001	<0.002				0.62	0.56	5.42
BR01-6	HC-06	<0.000005	0.0003	<0.0005	0.00001	0.000012	0.0023	0.0002	<0.0001	<0.002				0.64	0.56	6.56
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000016	0.0019	0.0005	<0.0001	<0.002				0.60	0.55	4.86
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000011	0.0021	<0.0001	<0.0001	<0.002				0.58	0.56	2.01
BR01-6	HC-06	<0.000005	0.0003	<0.0005	0.00002	0.000014	0.0023	0.0004	<0.0001	<0.002				0.56	0.55	0.27
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000019	0.0021	<0.0001	<0.0001	<0.002				0.57	0.55	2.24
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000010	0.0020	<0.0001	<0.0001	<0.002				0.58	0.56	1.84
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000011	0.0019	<0.0001	<0.0001	<0.002				0.53	0.55	-1.30
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00001	0.000006	0.0020	<0.0001	<0.0001	<0.002				0.529	0.614	-7.44
BR01-6	HC-06	<0.000005	0.0004	<0.0005	0.00002	0.000010	0.0020	0.0003	<0.0001	<0.002				0.602	0.563	3.35
BR01-6	HC-06	<0.000005	0.0003	<0.0005	0.00002	0.000008	0.0018	0.0002	<0.0001	<0.002				0.630	0.607	1.86
BR01-6	HC-06	<0.000005	0.0003	<0.0005	0.00002	0.000005	0.0016	<0.0001	<0.0001	<0.002				0.527	0.534	-0.660

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-7	HC-07	<0.000005	0.0006	<0.0005	0.00279	<0.000002	0.0046	0.0009	<0.0001	<0.002				2.51	2.56	-1.01
BR01-7	HC-07	<0.000005	0.0004	<0.0005	0.00358	0.000004	0.0155	0.0003	<0.0001	<0.002				1.44	1.48	-1.37
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00148	0.000011	0.0177	0.0002	<0.0001	<0.002				1.36	1.33	1.30
BR01-7	HC-07	<0.000005	0.0009	0.0082	0.00061	0.000015	0.0220	0.0010	<0.0001	<0.002				1.07	1.16	-3.87
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00054	0.000022	0.0198	0.0003	<0.0001	0.002				1.05	1.06	-0.62
BR01-7	HC-07	<0.000005	0.0001	<0.0005	0.00039	0.000026	0.0191	0.0004	<0.0001	<0.002				1.03	1.04	-0.39
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00031	0.000030	0.0173	0.0007	<0.0001	0.002				0.99	1.00	-0.86
BR01-7	HC-07	<0.000005	0.0001	0.0006	0.00027	0.000032	0.0203	0.0006	<0.0001	<0.002				0.99	0.98	0.25
BR01-7	HC-07	<0.000005	0.0004	<0.0005	0.00024	0.000030	0.0194	0.0007	<0.0001	<0.002				0.93	0.99	-3.29
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00021	0.000024	0.0175	0.0002	<0.0001	<0.002				0.91	1.03	-6.34

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	10	05-Mar-13	500	470	7.95	86.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	11	12-Mar-13	500	460	7.95	85.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	12	19-Mar-13	500	455	7.93	84.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	13	26-Mar-13	500	460	7.83	79.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	14	02-Apr-13	500	465	7.96	78.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	15	09-Apr-13	500	445	7.93	82.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	16	16-Apr-13	500	475	7.95	78.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	17	23-Apr-13	500	465	7.90	78.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	18	30-Apr-13	500	470	7.95	78.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	19	07-May-13	500	490	7.93	77.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	20	14-May-13	500	465	7.81	73.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	21	21-May-13	500	475		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	22	28-May-13	500	470	7.91	74.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	23	04-Jun-13	500	475		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	24	11-Jun-13	500	480	7.99	73.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	25	18-Jun-13	500	475		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	26	25-Jun-13	500	460	7.98	72.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	27	02-Jul-13	500	480		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	28	09-Jul-13	500	475	7.97	72.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	29	16-Jul-13	500	460		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	30	23-Jul-13	500	455	7.96	75.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	31	30-Jul-13	500	475		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	32	06-Aug-13	500	475	7.94	71.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	33	13-Aug-13	500	465		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	34	20-Aug-13	500	470	7.91	70.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	35	27-Aug-13	500	475		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	36	03-Sep-13	500	470	7.84	68.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	37	10-Sep-13	500	480		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	38	17-Sep-13	500	475	7.83	67.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	39	24-Sep-13	500	495		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	40	01-Oct-13	500	460	7.88	68.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	41	08-Oct-13	500	480		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	42	15-Oct-13	500	470	7.85	60.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	43	22-Oct-13	500	490		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	44	29-Oct-13	500	460	7.86	60.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	45	05-Nov-13	500	470		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	46	12-Nov-13	500	480	7.72	62.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	47	19-Nov-13	500	480		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	48	26-Nov-13	500	475	7.87	65.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	49	03-Dec-13	500	470		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	50	10-Dec-13	500	465	7.90	66.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	51	17-Dec-13	500	470		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	52	24-Dec-13	500	450	7.87	68.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	53	31-Dec-13	500	450		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	54	07-Jan-14	500	460	7.93	71.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	55	14-Jan-14	500	460		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	56	21-Jan-14	500	460	7.85	63.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	57	28-Jan-14	500	460		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	58	04-Feb-14	500	460	7.78	61.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	59	11-Feb-14	500	460		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	60	18-Feb-14	500	470	7.81	62.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-7	HC-07	130	5.5	<0.5	<0.5	37.3	<0.05	<0.01	0.5					36.4	0.272	0.00013	0.05570
BR01-7	HC-07	140	5.5	<0.5	<0.5	38.1	<0.05	<0.01	0.8					37.4	0.274	0.00012	0.05720
BR01-7	HC-07	125	5.3	<0.5	<0.5	38.1	<0.05	<0.01	<0.5					37.9	0.296	0.00012	0.06050
BR01-7	HC-07	125	4.7	<0.5	<0.5	37.1	<0.05	<0.01	0.7					36.8	0.315	0.00010	0.05740
BR01-7	HC-07	120	4.0	<0.5	<0.5	37.3	<0.05	<0.01	0.6					34.2	0.337	0.00010	0.05890
BR01-7	HC-07	130	4.1	<0.5	<0.5	37.4	<0.05	<0.01	0.6					35.3	0.329	0.00008	0.06280
BR01-7	HC-07	120	3.6	<0.5	<0.5	35.4	<0.05	<0.01	0.7					35.7	0.370	0.00008	0.06140
BR01-7	HC-07	150	4.0	<0.5	<0.5	35.9	<0.05	<0.01	0.6					33.2	0.384	0.00007	0.05830
BR01-7	HC-07	135	4.2	<0.5	<0.5	35.9	<0.05	<0.01	<0.5					34.3	0.385	0.00009	0.05840
BR01-7	HC-07	125	4.3	<0.5	<0.5	35.7	<0.05	<0.01	<0.5					34.6	0.380	0.00007	0.07350
BR01-7	HC-07	120	4.4	<0.5	<0.5	35.3	<0.05	<0.01	<0.5					32.4	0.437	0.00007	0.06620
BR01-7	HC-07																
BR01-7	HC-07	125	4.0	<0.5	<0.5	33.2	<0.05	<0.01	<0.5					32.9	0.484	0.00005	0.06720
BR01-7	HC-07																
BR01-7	HC-07	115	3.7	<0.5	<0.5	33.3	<0.05	<0.01	<0.5					33.1	0.518	0.00005	0.07680
BR01-7	HC-07																
BR01-7	HC-07	130	3.0	<0.5	<0.5	33.6	<0.05	<0.01	0.5					34.9	0.496	0.00005	0.07770
BR01-7	HC-07																
BR01-7	HC-07	150	3.3	<0.5	<0.5	31.4	<0.05	<0.01	0.6					31.1	0.482	0.00004	0.08030
BR01-7	HC-07																
BR01-7	HC-07	125	3.6	<0.5	<0.5	33.4	<0.05	<0.01	<0.5					33.0	0.483	0.00005	0.09060
BR01-7	HC-07																
BR01-7	HC-07	140	4.0	<0.5	0.6	31.8	<0.05	<0.01	<0.5					31.4	0.479	0.00003	0.08950
BR01-7	HC-07																
BR01-7	HC-07	130	3.7	<0.5	<0.5	33.1	<0.05	<0.01	<0.5					28.8	0.470	0.00004	0.08520
BR01-7	HC-07																
BR01-7	HC-07	140	2.9	<0.5	<0.5	31.4	<0.05	<0.01	<0.5					32.6	0.467	0.00004	0.08630
BR01-7	HC-07																
BR01-7	HC-07	135	3.5	<0.5	<0.5	32.3	<0.05	<0.01	<0.5					30.7	0.517	0.00003	0.09090
BR01-7	HC-07																
BR01-7	HC-07	130	3.6	<0.5	0.6	31.4	<0.05	<0.01	0.7					30.9	0.480	0.00003	0.09310
BR01-7	HC-07																
BR01-7	HC-07	140	3.0	<0.5	<0.5	29.3	<0.05	<0.01	<0.5					30.8	0.506	0.00002	0.10900
BR01-7	HC-07																
BR01-7	HC-07	130	3.8	<0.5	<0.5	30.7	<0.05	<0.01	<0.5					30.8	0.498	0.00003	0.09770
BR01-7	HC-07																
BR01-7	HC-07	135	3.9	<0.5	0.6	31.0	<0.05	<0.01	<0.5					29.4	0.475	0.00003	0.08600
BR01-7	HC-07																
BR01-7	HC-07	135	4.0	<0.5	<0.5	29.0	<0.05	<0.01	<0.5					30.6	0.459	0.00003	0.09010
BR01-7	HC-07																
BR01-7	HC-07	150	3.8	<0.5	<0.5	29.3	<0.05	<0.01	<0.5					30.6	0.485	0.00002	0.09730
BR01-7	HC-07																
BR01-7	HC-07	140	4.8	<0.5	<0.5	29.9	<0.05	<0.01	<0.5					30.3	0.373	0.00003	0.09610
BR01-7	HC-07																
BR01-7	HC-07	140	5.1	<0.5	<0.5	30.1	<0.05	<0.01	<0.5					32.5	0.435	0.00003	0.0991
BR01-7	HC-07																
BR01-7	HC-07	135	5.0	<0.5	0.7	29.2	<0.05	<0.01	<0.5					30.1	0.383	0.00002	0.0940
BR01-7	HC-07																
BR01-7	HC-07	140	4.0	<0.5	<0.5	27.3	<0.05	<0.01	<0.5					28.5	0.413	0.00002	0.0861
BR01-7	HC-07																
BR01-7	HC-07	140	4.7	<0.5	<0.5	28.3	<0.05	<0.01	<0.5					28.9	0.438	<0.00002	0.0908

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-7	HC-07	0.00068	<0.00001	<0.000005	<0.05	0.00016	<0.000005	11.5	0.0001	0.000042	0.00037	<0.00005	0.008	0.000023	0.0047	1.84
BR01-7	HC-07	0.00062	<0.00001	<0.000005	<0.05	0.00015	<0.000005	11.9	0.0002	0.000047	0.00035	<0.00005	0.006	0.000015	0.0046	1.89
BR01-7	HC-07	0.00140	<0.00001	<0.000005	<0.05	0.00015	<0.000005	12.3	0.0001	0.000032	0.00029	<0.00005	0.009	0.000016	0.0043	1.75
BR01-7	HC-07	0.00056	<0.00001	<0.000005	<0.05	0.00013	<0.000005	12.0	0.0001	0.000050	0.00030	<0.00005	0.008	0.000008	0.0044	1.63
BR01-7	HC-07	0.00053	<0.00001	<0.000005	<0.05	0.00012	<0.000005	11.3	<0.0001	0.000049	0.00251	<0.00005	0.005	0.001020	0.0037	1.46
BR01-7	HC-07	0.00060	<0.00001	<0.000005	<0.05	0.00012	<0.000005	11.8	<0.0001	0.000055	0.00065	<0.00005	0.006	0.000047	0.0038	1.40
BR01-7	HC-07	0.00052	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.2	<0.0001	0.000054	0.00033	<0.00005	0.004	0.000008	0.0036	1.29
BR01-7	HC-07	0.00062	<0.00001	<0.000005	<0.05	0.00011	<0.000005	11.2	<0.0001	0.000054	0.00022	<0.00005	0.003	0.000012	0.0036	1.29
BR01-7	HC-07	0.00125	<0.00001	<0.000005	<0.05	0.00010	0.000040	11.8	0.0001	0.000055	0.00059	<0.00005	0.015	<0.000005	0.0034	1.15
BR01-7	HC-07	0.00055	<0.00001	<0.000005	<0.05	0.00013	0.000007	12.0	<0.0001	0.000059	0.00032	<0.00005	0.009	0.000323	0.0036	1.12
BR01-7	HC-07	0.00070	<0.00001	<0.000005	<0.05	0.00014	<0.000005	11.1	0.0001	0.000083	0.00457	<0.00005	0.012	0.000243	0.0033	1.10
BR01-7	HC-07															
BR01-7	HC-07	0.00051	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.5	<0.0001	0.000052	0.00036	<0.00005	0.004	0.000006	0.0031	1.00
BR01-7	HC-07															
BR01-7	HC-07	0.00089	<0.00001	<0.000005	<0.05	0.00012	0.000005	11.7	<0.0001	0.000056	0.00035	<0.00005	0.004	0.000113	0.0029	0.93
BR01-7	HC-07															
BR01-7	HC-07	0.00051	<0.00001	<0.000005	<0.05	0.00009	<0.000005	12.5	0.0003	0.000064	0.00036	<0.00005	0.011	0.000010	0.0028	0.87
BR01-7	HC-07															
BR01-7	HC-07	0.00049	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.2	0.0002	0.000072	0.00026	<0.00005	0.009	0.000012	0.0027	0.75
BR01-7	HC-07															
BR01-7	HC-07	0.00052	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.8	0.0001	0.000097	0.00028	<0.00005	0.008	0.000006	0.0028	0.89
BR01-7	HC-07															
BR01-7	HC-07	0.00049	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.3	<0.0001	0.000067	0.00021	<0.00005	0.004	0.000007	0.0027	0.74
BR01-7	HC-07															
BR01-7	HC-07	0.00051	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.4	<0.0001	0.000078	0.00026	<0.00005	0.004	0.000007	0.0026	0.68
BR01-7	HC-07															
BR01-7	HC-07	0.00044	<0.00001	<0.000005	<0.05	0.00008	<0.000005	12.0	<0.0001	0.000086	0.00162	<0.00005	0.004	0.000006	0.0020	0.63
BR01-7	HC-07															
BR01-7	HC-07	0.00082	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.2	<0.0001	0.000082	0.00089	<0.00005	0.003	<0.000005	0.0021	0.64
BR01-7	HC-07															
BR01-7	HC-07	0.00044	<0.00001	<0.000005	<0.05	0.00006	<0.000005	11.3	<0.0001	0.000090	0.00047	<0.00005	0.003	0.000033	0.0022	0.65
BR01-7	HC-07															
BR01-7	HC-07	0.00043	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.3	<0.0001	0.000090	0.00027	<0.00005	0.003	0.000011	0.0023	0.66
BR01-7	HC-07															
BR01-7	HC-07	0.00065	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.4	<0.0001	0.000091	0.00028	<0.00005	0.003	0.000015	0.0025	0.57
BR01-7	HC-07															
BR01-7	HC-07	0.00058	<0.00001	<0.000005	<0.05	0.00007	<0.000005	10.9	<0.0001	0.000094	0.00024	<0.00005	0.006	0.000026	0.0017	0.54
BR01-7	HC-07															
BR01-7	HC-07	0.00050	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.3	<0.0001	0.000086	0.00019	<0.00005	0.001	0.000011	0.0018	0.55
BR01-7	HC-07															
BR01-7	HC-07	0.00045	<0.00001	<0.000005	<0.05	0.00008	0.000188	11.3	<0.0001	0.000083	0.00022	<0.00005	0.002	0.000370	0.0021	0.55
BR01-7	HC-07															
BR01-7	HC-07	0.00039	<0.00001	<0.000005	<0.05	0.00008	0.000009	11.2	<0.0001	0.000063	0.00020	<0.00005	0.001	0.000036	0.0020	0.56
BR01-7	HC-07															
BR01-7	HC-07	0.00045	<0.00001	<0.000005	<0.05	0.00007	<0.000005	12.1	<0.0001	0.000105	0.00019	<0.00005	0.002	0.000026	0.0024	0.56
BR01-7	HC-07															
BR01-7	HC-07	0.00041	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.2	<0.0001	0.000086	0.00027	<0.00005	0.002	0.000020	0.0015	0.50
BR01-7	HC-07															
BR01-7	HC-07	0.00039	<0.00001	<0.000005	<0.05	0.00006	<0.000005	10.6	<0.0001	0.000080	0.00018	<0.00005	0.005	<0.000005	0.0015	0.48
BR01-7	HC-07															
BR01-7	HC-07	0.00036	<0.00001	<0.000005	<0.05	0.00006	0.000005	10.8	<0.0001	0.000096	0.01080	<0.00005	0.003	0.000007	0.0019	0.46

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-7	HC-07	0.00177	<0.00001	0.007	0.00019	0.00022	2.64	0.00605	0.00096	3.3	<0.000005	1.18	0.0335	<10	0.00002	0.000014
BR01-7	HC-07	0.00210	<0.00001	0.010	0.00019	0.00029	2.66	0.00598	0.00083	3.3	<0.000005	1.16	0.0340	<10	<0.00002	0.000014
BR01-7	HC-07	0.00168	<0.00001	0.007	0.00018	0.00025	2.55	0.00596	0.00075	3.6	<0.000005	1.04	0.0348	<10	<0.00002	0.000011
BR01-7	HC-07	0.00315	<0.00001	0.007	0.00021	0.00020	2.35	0.00582	0.00064	3.3	<0.000005	0.94	0.0333	<10	<0.00002	0.000013
BR01-7	HC-07	0.00170	<0.00001	0.008	0.00020	0.00020	2.07	0.00484	0.00066	3.0	<0.000005	0.85	0.0299	<10	<0.00002	0.000011
BR01-7	HC-07	0.00252	<0.00001	0.008	0.00017	0.00024	2.22	0.00536	0.00064	3.0	<0.000005	0.83	0.0320	<10	<0.00002	0.000009
BR01-7	HC-07	0.00171	<0.00001	0.007	0.00015	0.00018	2.13	0.00507	0.00053	3.2	<0.000005	0.75	0.0300	<10	<0.00002	0.000008
BR01-7	HC-07	0.00262	<0.00001	0.007	0.00016	0.00027	2.00	0.00525	0.00054	2.6	<0.000005	0.76	0.0304	<10	<0.00002	0.000009
BR01-7	HC-07	0.00346	<0.00001	0.008	0.00018	0.00048	1.76	0.00463	0.00044	2.9	<0.000005	0.72	0.0288	<10	<0.00002	0.000015
BR01-7	HC-07	0.00316	<0.00001	0.006	0.00016	0.00037	1.85	0.00481	0.00070	2.9	<0.000005	0.68	0.0296	<10	<0.00002	0.000011
BR01-7	HC-07	0.00274	0.00001	0.014	0.00016	0.00054	1.76	0.00453	0.00047	2.7	<0.000005	0.65	0.0284	<10	<0.00002	0.000007
BR01-7	HC-07															
BR01-7	HC-07	0.00247	<0.00001	0.008	0.00015	0.00020	1.59	0.00442	0.00037	2.7	<0.000005	0.59	0.0267	<10	<0.00002	0.000007
BR01-7	HC-07															
BR01-7	HC-07	0.00237	<0.00001	0.026	0.00012	0.00025	1.50	0.00419	0.00047	2.8	<0.000005	0.61	0.0265	<10	<0.00002	0.000016
BR01-7	HC-07															
BR01-7	HC-07	0.00285	<0.00001	0.031	0.00015	0.00028	1.36	0.00409	0.00044	2.9	<0.000005	0.57	0.0241	<10	<0.00002	0.000008
BR01-7	HC-07															
BR01-7	HC-07	0.00260	<0.00001	0.006	0.00012	0.00022	1.20	0.00359	0.00053	2.9	<0.000005	0.49	0.0223	<10	<0.00002	0.000009
BR01-7	HC-07															
BR01-7	HC-07	0.00314	<0.00001	0.005	0.00016	0.00023	1.37	0.00391	0.00042	2.6	<0.000005	0.58	0.0259	<10	<0.00002	0.000008
BR01-7	HC-07															
BR01-7	HC-07	0.00211	<0.00001	0.005	0.00012	0.00014	1.14	0.00362	0.00037	2.5	<0.000005	0.48	0.0219	<10	<0.00002	0.000009
BR01-7	HC-07															
BR01-7	HC-07	0.00267	<0.00001	0.004	0.00013	0.00012	1.11	0.00357	0.00033	2.1	<0.000005	0.45	0.0218	<10	<0.00002	0.000007
BR01-7	HC-07															
BR01-7	HC-07	0.00252	<0.00001	0.009	0.00010	0.00017	1.12	0.00361	0.00033	2.5	0.000005	0.46	0.0203	<10	<0.00002	0.000008
BR01-7	HC-07															
BR01-7	HC-07	0.00217	<0.00001	0.032	0.00009	0.00026	0.99	0.00344	0.00032	2.5	<0.000005	0.45	0.0203	<10	<0.00002	0.000008
BR01-7	HC-07															
BR01-7	HC-07	0.00215	<0.00001	0.003	0.00014	0.00015	1.00	0.00321	0.00032	2.4	<0.000005	0.42	0.0203	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00224	<0.00001	0.004	0.00015	0.00016	1.14	0.00312	0.00033	2.6	<0.000005	0.48	0.0187	<10	<0.00002	0.000006
BR01-7	HC-07															
BR01-7	HC-07	0.00213	<0.00001	0.004	0.00014	0.00023	0.83	0.00317	0.00029	2.5	<0.000005	0.39	0.0204	<10	<0.00002	0.000007
BR01-7	HC-07															
BR01-7	HC-07	0.00221	<0.00001	0.014	0.00010	0.00041	0.81	0.00297	0.00034	2.3	<0.000005	0.40	0.0178	<10	<0.00002	0.000007
BR01-7	HC-07															
BR01-7	HC-07	0.00210	<0.00001	0.010	0.00011	0.00023	0.85	0.00300	0.00031	2.5	<0.000005	0.39	0.0167	<10	<0.00002	0.000006
BR01-7	HC-07															
BR01-7	HC-07	0.00277	<0.00001	0.012	0.00013	0.00012	0.88	0.00319	0.00032	2.6	<0.000005	0.40	0.0174	<10	<0.00002	0.000011
BR01-7	HC-07															
BR01-7	HC-07	0.00129	<0.00001	0.019	0.00012	0.00017	0.85	0.00301	0.00032	2.5	<0.000005	0.44	0.0187	<10	<0.00002	0.000006
BR01-7	HC-07															
BR01-7	HC-07	0.00217	<0.00001	0.008	0.00012	0.00023	0.84	0.00302	0.00032	2.4	<0.000005	0.42	0.0185	<10	<0.00002	0.000007
BR01-7	HC-07															
BR01-7	HC-07	0.00180	<0.00001	0.029	0.00013	0.00019	0.74	0.00258	0.00027	2.4	<0.000005	0.36	0.0159	<10	<0.00002	0.000006
BR01-7	HC-07															
BR01-7	HC-07	0.00159	<0.00001	0.004	0.00011	0.00010	0.68	0.00243	0.00027	2.4	<0.000005	0.33	0.0140	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00166	<0.00001	0.008	0.00011	0.00009	0.64	0.00247	0.00033	2.5	<0.000005	0.35	0.0140	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00019	0.000030	0.0157	0.0003	<0.0001	<0.002				0.87	0.88	-0.17
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00016	0.000036	0.0146	0.0006	<0.0001	<0.002				0.90	0.90	0.06
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00018	0.000024	0.0127	0.0007	<0.0001	<0.002				0.87	0.90	-1.58
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00013	0.000036	0.0120	<0.0001	<0.0001	<0.002				0.86	0.87	-0.69
BR01-7	HC-07	<0.000005	0.0004	<0.0005	0.00014	0.000024	0.0118	0.0005	<0.0001	<0.002				0.85	0.81	2.29
BR01-7	HC-07	<0.000005	0.0010	<0.0005	0.00011	0.000020	0.0106	0.0005	<0.0001	<0.002				0.85	0.84	0.83
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00017	0.000025	0.0097	<0.0001	<0.0001	<0.002				0.80	0.84	-2.43
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00010	0.000033	0.0090	0.0002	<0.0001	<0.002				0.82	0.79	1.49
BR01-7	HC-07	<0.000005	0.0004	<0.0005	0.00009	0.000022	0.0079	0.0001	<0.0001	<0.002				0.81	0.81	0.06
BR01-7	HC-07	<0.000005	0.0003	0.0008	0.00009	0.000046	0.0096	0.0041	0.0003	<0.002				0.80	0.81	-0.50
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00008	0.000025	0.0076	0.0015	<0.0001	<0.002				0.80	0.77	1.72
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00005	0.000019	0.0064	0.0001	<0.0001	<0.002				0.75	0.78	-1.97
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00004	0.000012	0.0060	0.0009	<0.0001	<0.002				0.74	0.78	-2.76
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0004	<0.0005	0.00004	0.000013	0.0062	0.0005	<0.0001	<0.002				0.75	0.81	-4.10
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0006	<0.0005	0.00003	0.000014	0.0054	<0.0001	<0.0001	<0.002				0.72	0.73	-0.69
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0004	<0.0005	0.00004	0.000012	0.0055	0.0003	<0.0001	<0.002				0.74	0.77	-2.18
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000010	0.0052	0.0002	<0.0001	<0.002				0.72	0.73	-0.90
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000008	0.0046	0.0001	<0.0001	<0.002				0.74	0.68	4.24
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000018	0.0046	0.0005	<0.0001	<0.002				0.69	0.75	-4.37
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000011	0.0043	0.0009	<0.0001	<0.002				0.72	0.72	0.07
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000009	0.0041	0.0004	<0.0001	<0.002				0.73	0.71	0.76
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00002	0.000007	0.0048	0.0002	<0.0001	<0.002				0.65	0.72	-5.32
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000006	0.0035	0.0003	<0.0001	<0.002				0.69	0.71	-1.07
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000007	0.0038	0.0005	<0.0001	<0.002				0.70	0.68	1.52
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000004	0.0037	0.0003	<0.0001	<0.002				0.66	0.70	-2.86
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000006	0.0037	0.0119	<0.0001	<0.002				0.66	0.71	-3.07
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000007	0.0038	0.0006	<0.0001	<0.002				0.70	0.69	0.65
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0003	<0.0005	0.00003	0.000005	0.0037	0.0003	<0.0001	<0.002				0.71	0.74	-2.01
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00002	0.000012	0.0036	0.0004	<0.0001	<0.002				0.69	0.68	0.59
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000003	0.0035	0.0005	<0.0001	<0.002				0.63	0.65	-1.33
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00002	0.000009	0.0033	0.0003	<0.0001	<0.002				0.66	0.66	0.38

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	61	25-Feb-14	500	465		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	62	04-Mar-14	500	450	7.85	63.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	63	11-Mar-14	500	490		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	64	18-Mar-14	500	445	7.89	60.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	65	25-Mar-14	500	460		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	66	01-Apr-14	500	460	7.85	59.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	67	08-Apr-14	500	450		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	68	15-Apr-14	500	455	7.88	61.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	69	22-Apr-14	500	460		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	70	29-Apr-14	500	465	7.84	58.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	71	06-May-14	500	465		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	72	13-May-14	500	445	8.04	56.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	73	20-May-14	500	490		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	74	27-May-14	500	470	7.84	58.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	75	03-Jun-14	500	475		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	76	10-Jun-14	500	470	7.86	57.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	77	17-Jun-14	500	465		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	78	24-Jun-14	500	455	7.83	58.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	79	01-Jul-14	500	470		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	80	08-Jul-14	500	460	7.86	59.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	81	15-Jul-14	500	465		
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	82	22-Jul-14	500	465	7.84	54.0
BR01-7	HC-07	Goose Main	Gabbro	08GSE006	350.00	352.00	0.08	0.07	0.10	16.30	9.06	83	29-Jul-14	500	460		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	0	25-Dec-12	750	575	9.10	247
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	1	01-Jan-13	500	485	8.69	174
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	2	08-Jan-13	500	470	8.83	141
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	3	15-Jan-13	500	475	8.90	106
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	4	22-Jan-13	500	460	8.70	99.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	5	29-Jan-13	500	445	8.78	98.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	6	05-Feb-13	500	480	8.80	79.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	7	12-Feb-13	500	475	8.54	89.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	8	19-Feb-13	500	465	8.61	85.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	9	26-Feb-13	500	470	8.71	76.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	10	05-Mar-13	500	475	8.62	80.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	11	12-Mar-13	500	490	8.11	84.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	12	19-Mar-13	500	460	8.65	68.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	13	26-Mar-13	500	440	8.45	58.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	14	02-Apr-13	500	500	8.60	84.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	15	09-Apr-13	500	460	8.50	70.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	16	16-Apr-13	500	450	8.44	78.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	17	23-Apr-13	500	485	8.33	79.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	18	30-Apr-13	500	470	8.43	79.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	19	07-May-13	500	460	8.11	75.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-7	HC-07																
BR01-7	HC-07	130	4.5	<0.5	<0.5	26.7	<0.05	<0.01	0.6					27.9	0.405	0.00002	0.0867
BR01-7	HC-07																
BR01-7	HC-07	140	4.0	<0.5	<0.5	26.7	<0.05	<0.01	<0.5					26.3	0.385	0.00002	0.0931
BR01-7	HC-07																
BR01-7	HC-07	140	3.4	<0.5	<0.5	25.0	<0.05	<0.01	<0.5					26.2	0.404	<0.00002	0.0842
BR01-7	HC-07																
BR01-7	HC-07	140	4.4	<0.5	<0.5	26.4	<0.05	<0.01	<0.5					27.0	0.390	0.00002	0.0880
BR01-7	HC-07																
BR01-7	HC-07	130	4.6	<0.5	<0.5	26.5	<0.05	<0.01	<0.5					25.8	0.447	<0.00002	0.0893
BR01-7	HC-07																
BR01-7	HC-07	125	3.7	<0.5	<0.5	26.1	<0.05	<0.01	<0.5					24.3	0.625	<0.00002	0.0836
BR01-7	HC-07																
BR01-7	HC-07	125	3.2	<0.5	<0.5	24.5	<0.05	<0.01	<0.5					25.3	0.406	<0.00002	0.0834
BR01-7	HC-07																
BR01-7	HC-07	130	3.5	<0.5	<0.5	24.6	<0.05	<0.01	<0.5					26.8	0.395	<0.00002	0.0818
BR01-7	HC-07																
BR01-7	HC-07	125	3.7	<0.5	<0.5	24.3	<0.05	<0.01	<0.5					27.5	0.337	<0.00002	0.0797
BR01-7	HC-07																
BR01-7	HC-07	130	4.2	<0.5	<0.5	24.9	<0.05	<0.01	<0.5					29.7	0.395	0.00002	0.0790
BR01-7	HC-07																
BR01-7	HC-07	120	3.3	<0.5	0.9	25.1	<0.05	<0.01	<0.5					25.5	0.337	<0.00002	0.0695
BR01-7	HC-07																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-8	HC-08	120	1.6	<0.5	<0.5	22.6	0.12	0.682	52.2	<2	<0.5			49.8	0.0788	0.00014	0.00126
BR01-8	HC-08	105	16.9	<0.5	<0.5	34.5	0.08	0.039	16.5	<2	<0.5			44.2	0.189	0.00014	0.00153
BR01-8	HC-08	110	18.2	<0.5	<0.5	30.1	0.06	0.014	6.5	<2	<0.5			36.0	0.195	0.00010	0.00216
BR01-8	HC-08	110	15.4	<0.5	<0.5	27.3	0.05	<0.01	2.6	<2	<0.5			33.1	0.213	0.00008	0.00288
BR01-8	HC-08	140	17.4	<0.5	<0.5	25.9	<0.05	<0.01	1.3	<0.02	<0.005			31.1	0.202	0.00007	0.00371
BR01-8	HC-08	105	13.5	<0.5	<0.5	27.2	<0.05	<0.01	1.1					32.0	0.171	0.00008	0.00395
BR01-8	HC-08	135	11.3	<0.5	<0.5	26.6	<0.05	<0.01	0.8					28.5	0.230	0.00006	0.00506
BR01-8	HC-08	140	13.2	<0.5	<0.5	26.8	<0.05	<0.01	0.7					32.6	0.195	0.00007	0.00602
BR01-8	HC-08	110	11.0	<0.5	<0.5	25.8	<0.05	<0.01	0.6					34.0	0.192	0.00006	0.00631
BR01-8	HC-08	120	11.0	<0.5	<0.5	25.3	<0.05	<0.01	0.7					29.2	0.200	0.00005	0.00632
BR01-8	HC-08	140	11.4	<0.5	<0.5	26.4	<0.05	<0.01	0.6					31.7	0.208	0.00005	0.00745
BR01-8	HC-08	140	11.2	<0.5	2.3	24.1	<0.05	<0.01	0.7					30.9	0.176	0.00005	0.00583
BR01-8	HC-08	135	11.0	<0.5	<0.5	20.9	<0.05	<0.01	<0.5					27.2	0.168	0.00004	0.00666
BR01-8	HC-08	120	10.4	<0.5	<0.5	22.9	<0.05	<0.01	0.6					29.3	0.206	0.00004	0.00669
BR01-8	HC-08	120	13.9	<0.5	<0.5	24.3	<0.05	<0.01	0.5					32.8	0.165	0.00005	0.00610
BR01-8	HC-08	150	11.6	<0.5	<0.5	20.2	<0.05	<0.01	0.6					29.1	0.176	0.00003	0.00739
BR01-8	HC-08	135	13.4	<0.5	<0.5	20.7	<0.05	<0.01	0.6					32.9	0.191	0.00004	0.00774
BR01-8	HC-08	150	14.3	<0.5	<0.5	23.7	<0.05	<0.01	0.5					33.4	0.166	0.00004	0.00660
BR01-8	HC-08	130	13.0	<0.5	<0.5	21.7	<0.05	<0.01	0.6					31.1	0.109	0.00004	0.00770
BR01-8	HC-08	135	12.1	<0.5	<0.5	22.9	<0.05	<0.01	0.5					28.9	0.184	0.00004	0.00947

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-7	HC-07															
BR01-7	HC-07	0.00032	<0.00001	<0.000005	<0.05	0.00006	<0.000005	10.5	<0.0001	0.000081	0.00049	<0.00005	0.005	0.000011	0.0016	0.41
BR01-7	HC-07															
BR01-7	HC-07	0.00041	<0.00001	<0.000005	<0.05	0.00007	<0.000005	9.85	<0.0001	0.000087	0.00018	<0.00005	0.005	0.000012	0.0014	0.41
BR01-7	HC-07															
BR01-7	HC-07	0.00036	<0.00001	<0.000005	<0.05	0.00006	<0.000005	9.85	<0.0001	0.000083	0.00013	<0.00005	0.004	0.000007	0.0014	0.40
BR01-7	HC-07															
BR01-7	HC-07	0.00049	<0.00001	<0.000005	<0.05	0.00007	0.000092	10.1	<0.0001	0.000107	0.00022	<0.00005	0.007	0.000504	0.0013	0.40
BR01-7	HC-07															
BR01-7	HC-07	0.00035	<0.00001	<0.000005	<0.05	0.00006	<0.000005	9.65	<0.0001	0.000076	0.00015	<0.00005	0.003	<0.000005	0.0015	0.41
BR01-7	HC-07															
BR01-7	HC-07	0.00032	<0.00001	<0.000005	<0.05	0.00006	<0.000005	9.08	<0.0001	0.000088	0.00021	<0.00005	0.007	0.000005	0.0013	0.39
BR01-7	HC-07															
BR01-7	HC-07	0.00038	<0.00001	<0.000005	<0.05	0.00007	<0.000005	9.50	<0.0001	0.000079	0.00020	<0.00005	0.002	0.000005	0.0014	0.37
BR01-7	HC-07															
BR01-7	HC-07	0.00032	<0.00001	<0.000005	<0.05	0.00006	<0.000005	10.1	<0.0001	0.000065	0.00011	<0.00005	<0.001	<0.000005	0.0013	0.39
BR01-7	HC-07															
BR01-7	HC-07	0.00085	<0.00001	<0.000005	<0.05	0.00005	0.000034	10.4	<0.0001	0.000062	0.00022	<0.00005	<0.001	<0.000005	0.0013	0.39
BR01-7	HC-07															
BR01-7	HC-07	0.00060	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.2	<0.0001	0.000077	0.00041	<0.00005	0.007	0.000007	0.0014	0.43
BR01-7	HC-07															
BR01-7	HC-07	0.00042	<0.00001	<0.000005	<0.05	0.00005	<0.000005	9.59	<0.0001	0.000066	0.00022	<0.00005	0.007	0.000005	0.0012	0.37
BR01-7	HC-07															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-8	HC-08	0.00440	<0.00001	<0.000005	<0.05	0.00027	0.000005	17.1	<0.0001	0.000035	0.00134	<0.00005	0.002	0.000231	0.0121	1.74
BR01-8	HC-08	0.00447	<0.00001	<0.000005	0.35	0.00027	<0.000005	13.7	0.0001	0.000051	0.00045	<0.00005	0.007	0.000060	0.0049	2.43
BR01-8	HC-08	0.00301	<0.00001	<0.000005	0.28	0.00020	<0.000005	10.8	0.0001	0.000042	0.00031	<0.00005	0.013	0.000011	0.0043	2.17
BR01-8	HC-08	0.00410	<0.00001	<0.000005	0.20	0.00019	<0.000005	10.0	0.0002	0.000047	0.00031	<0.00005	0.020	0.000017	0.0045	1.93
BR01-8	HC-08	0.00245	<0.00001	<0.000005	0.14	0.00021	<0.000005	9.71	<0.0001	0.000047	0.00025	<0.00005	0.016	0.000013	0.0035	1.66
BR01-8	HC-08	0.00235	<0.00001	<0.000005	0.12	0.00018	<0.000005	10.1	0.0001	0.000055	0.00055	<0.00005	0.017	0.000018	0.0035	1.66
BR01-8	HC-08	0.00217	<0.00001	<0.000005	0.08	0.00021	<0.000005	9.17	0.0001	0.000089	0.00053	<0.00005	0.109	0.000042	0.0031	1.37
BR01-8	HC-08	0.00240	<0.00001	<0.000005	0.08	0.00022	<0.000005	10.5	<0.0001	0.000058	0.00027	<0.00005	0.016	0.000011	0.0035	1.55
BR01-8	HC-08	0.00229	<0.00001	<0.000005	0.07	0.00021	<0.000005	11.2	0.0001	0.000080	0.00032	<0.00005	0.025	0.000055	0.0035	1.46
BR01-8	HC-08	0.00196	<0.00001	<0.000005	0.05	0.00018	<0.000005	9.66	0.0002	0.000085	0.00043	<0.00005	0.043	0.000016	0.0030	1.24
BR01-8	HC-08	0.00240	<0.00001	<0.000005	<0.05	0.00020	<0.000005	10.7	0.0001	0.000103	0.00057	<0.00005	0.034	0.000023	0.0029	1.19
BR01-8	HC-08	0.00218	<0.00001	<0.000005	<0.05	0.00019	<0.000005	10.5	0.0001	0.000106	0.00037	<0.00005	0.029	0.000028	0.0029	1.16
BR01-8	HC-08	0.00165	<0.00001	0.000009	<0.05	0.00016	<0.000005	9.31	0.0001	0.000072	0.00049	<0.00005	0.025	0.000017	0.0023	0.95
BR01-8	HC-08	0.00318	<0.00001	<0.000005	<0.05	0.00018	<0.000005	10.3	<0.0001	0.000092	0.00046	<0.00005	0.024	0.000013	0.0024	0.90
BR01-8	HC-08	0.00250	<0.00001	<0.000005	<0.05	0.00021	<0.000005	11.1	<0.0001	0.000120	0.00040	<0.00005	0.017	0.000143	0.0033	1.21
BR01-8	HC-08	0.00201	<0.00001	<0.000005	<0.05	0.00019	<0.000005	10.1	<0.0001	0.000088	0.00130	<0.00005	0.024	0.000044	0.0024	0.92
BR01-8	HC-08	0.00237	<0.00001	<0.000005	<0.05	0.00022	<0.000005	11.5	<0.0001	0.000119	0.00058	<0.00005	0.023	0.000030	0.0026	1.03
BR01-8	HC-08	0.00255	<0.00001	<0.000005	<0.05	0.00022	<0.000005	11.4	<0.0001	0.000131	0.00028	<0.00005	0.015	0.000013	0.0030	1.18
BR01-8	HC-08	0.00195	<0.00001	<0.000005	<0.05	0.00019	<0.000005	10.9	<0.0001	0.000128	0.00039	<0.00005	0.022	<0.000005	0.0028	0.96
BR01-8	HC-08	0.00199	<0.00001	<0.000005	<0.05	0.00021	<0.000005	10.1	<0.0001	0.000110	0.00041	<0.00005	0.020	0.000020	0.0028	0.88

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-7	HC-07															
BR01-7	HC-07	0.00171	<0.00001	0.004	0.00016	0.00019	0.60	0.00238	0.00023	2.3	<0.000005	0.32	0.0142	<10	<0.00002	0.000006
BR01-7	HC-07															
BR01-7	HC-07	0.00178	<0.00001	0.011	0.00011	0.00027	0.57	0.00245	0.00026	2.3	<0.000005	0.31	0.0130	<10	<0.00002	0.000008
BR01-7	HC-07															
BR01-7	HC-07	0.00173	<0.00001	0.003	0.00013	0.00009	0.57	0.00222	0.00024	2.3	<0.000005	0.31	0.0123	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00202	<0.00001	0.004	0.00013	0.00036	0.58	0.00217	0.00025	2.4	<0.000005	0.32	0.0128	<10	<0.00002	0.000008
BR01-7	HC-07															
BR01-7	HC-07	0.00162	<0.00001	0.005	0.00012	0.00020	0.54	0.00217	0.00022	2.2	<0.000005	0.30	0.0127	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00189	<0.00001	0.008	0.00012	0.00014	0.54	0.00211	0.00022	2.1	<0.000005	0.30	0.0116	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00144	<0.00001	0.003	0.00011	0.00019	0.49	0.00213	0.00021	2.2	<0.000005	0.30	0.0112	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00089	<0.00001	<0.002	0.00011	0.00008	0.54	0.00227	0.00008	2.4	<0.000005	0.30	0.0117	<10	<0.00002	0.000005
BR01-7	HC-07															
BR01-7	HC-07	0.00094	0.00001	<0.002	0.00011	0.00007	0.52	0.00207	0.00008	2.4	<0.000005	0.30	0.0122	<10	<0.00002	0.000004
BR01-7	HC-07															
BR01-7	HC-07	0.00155	<0.00001	0.006	0.00012	0.00010	0.53	0.00197	0.00022	2.5	<0.000005	0.32	0.0119	<10	<0.00002	0.000006
BR01-7	HC-07															
BR01-7	HC-07	0.00138	<0.00001	<0.002	0.00009	0.00014	0.45	0.00187	0.00011	2.4	<0.000005	0.25	0.0104	<10	<0.00002	0.000004
BR01-7	HC-07															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-8	HC-08	0.00176	<0.00001	0.009	0.00060	0.00148	15.20	0.02500	0.00020	0.9	<0.000005	13.60	0.143	<10	<0.00002	0.000018
BR01-8	HC-08	0.00547	<0.00001	0.005	0.00327	0.00039	9.25	0.01960	0.00025	1.5	<0.000005	10.10	0.0486	<10	<0.00002	0.000014
BR01-8	HC-08	0.00405	<0.00001	0.005	0.00215	0.00028	6.87	0.01560	0.00039	1.4	<0.000005	5.99	0.0373	<10	<0.00002	0.000011
BR01-8	HC-08	0.00388	<0.00001	0.008	0.00137	0.00053	5.26	0.01250	0.00039	1.3	<0.000005	3.73	0.0316	<10	<0.00002	0.000009
BR01-8	HC-08	0.00410	<0.00001	0.005	0.00088	0.00026	4.45	0.01190	0.00026	1.2	<0.000005	2.50	0.0302	<10	<0.00002	0.000009
BR01-8	HC-08	0.00482	<0.00001	0.010	0.00063	0.00025	4.05	0.01070	0.00019	1.2	<0.000005	1.94	0.0300	<10	<0.00002	0.000009
BR01-8	HC-08	0.00529	<0.00001	0.011	0.00043	0.00030	3.33	0.01020	0.00014	1.2	<0.000005	1.31	0.0253	<10	<0.00002	0.000009
BR01-8	HC-08	0.00573	<0.00001	0.003	0.00044	0.00032	3.67	0.01060	0.00034	1.2	<0.000005	1.36	0.0288	<10	<0.00002	0.000011
BR01-8	HC-08	0.00507	<0.00001	0.007	0.00036	0.00031	3.32	0.01040	0.00024	1.6	<0.000005	1.14	0.0264	<10	<0.00002	0.000009
BR01-8	HC-08	0.00549	0.00001	0.008	0.00033	0.00024	2.88	0.00937	0.00017	1.1	<0.000005	0.87	0.0250	<10	<0.00002	0.000007
BR01-8	HC-08	0.00777	<0.00001	0.015	0.00029	0.00028	2.65	0.00925	0.00027	1.1	<0.000005	0.79	0.0248	<10	<0.00002	0.000009
BR01-8	HC-08	0.00699	<0.00001	0.004	0.00025	0.00029	2.41	0.00810	0.00022	1.1	<0.000005	0.69	0.0225	<10	<0.00002	0.000010
BR01-8	HC-08	0.00532	<0.00001	0.004	0.00021	0.00018	2.17	0.00745	0.00016	1.0	<0.000005	0.57	0.0189	<10	<0.00002	0.000006
BR01-8	HC-08	0.00808	<0.00001	<0.002	0.00024	0.00018	2.16	0.00748	0.00023	1.1	<0.000005	0.50	0.0194	<10	<0.00002	0.000010
BR01-8	HC-08	0.00713	<0.00001	<0.002	0.00026	0.00024	2.41	0.00878	0.00019	1.0	<0.000005	0.60	0.0260	<10	<0.00002	0.000010
BR01-8	HC-08	0.00496	<0.00001	0.002	0.00022	0.00022	2.17	0.00811	0.00014	1.0	<0.000005	0.45	0.0212	<10	<0.00002	0.000008
BR01-8	HC-08	0.00622	<0.00001	<0.002	0.00022	0.00026	2.53	0.00865	0.00016	1.1	<0.000005	0.50	0.0224	<10	<0.00002	0.000008
BR01-8	HC-08	0.00683	<0.00001	0.002	0.00025	0.00032	2.52	0.00904	0.00019	1.0	<0.000005	0.54	0.0259	<10	<0.00002	0.000009
BR01-8	HC-08	0.00526	<0.00001	0.002	0.00024	0.00035	2.19	0.00814	0.00020	1.1	<0.000005	0.46	0.0215	<10	<0.00002	0.000007
BR01-8	HC-08	0.00429	<0.00001	<0.002	0.00025	0.00028	2.13	0.00806	0.00019	1.1	<0.000005	0.41	0.0201	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	<0.0002	<0.0005	0.00002	0.000007	0.0032	0.0006	<0.0001	<0.002				0.64	0.63	0.78
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	0.0005	0.00003	0.000007	0.0034	0.0005	<0.0001	<0.002				0.62	0.60	1.73
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0029	0.0002	<0.0001	<0.002				0.57	0.60	-2.31
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00002	0.000005	0.0033	0.0027	<0.0001	<0.002				0.62	0.61	0.49
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	<0.0002	<0.0005	0.00003	0.000003	0.0029	<0.0001	<0.0001	<0.002				0.63	0.59	2.87
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000008	0.0026	0.0003	<0.0001	<0.002				0.60	0.58	1.44
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000002	0.0030	0.0001	<0.0001	<0.002				0.56	0.58	-1.68
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00002	0.000002	0.0030	<0.0001	<0.0001	<0.002				0.564	0.606	-3.59
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000002	0.0029	<0.0001	<0.0001	<0.002				0.564	0.613	-4.16
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00002	0.000004	0.0025	0.0003	<0.0001	<0.002				0.585	0.666	-6.47
BR01-7	HC-07															
BR01-7	HC-07	<0.000005	0.0002	<0.0005	0.00003	0.000003	0.0025	<0.0001	<0.0001	<0.002				0.570	0.569	0.0900
BR01-7	HC-07															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-8	HC-08	<0.000005	0.0005	<0.0005	0.00062	0.000002	0.0004	0.0003	<0.0001	<0.002				1.96	1.98	-0.48
BR01-8	HC-08	<0.000005	0.0004	<0.0005	0.00081	0.000010	0.0029	0.0003	<0.0001	<0.002				1.51	1.58	-2.20
BR01-8	HC-08	<0.000005	0.0003	0.0009	0.00062	0.000015	0.0033	0.0002	<0.0001	<0.002				1.17	1.18	-0.38
BR01-8	HC-08	<0.000005	0.0003	0.0009	0.00045	0.000020	0.0031	0.0004	<0.0001	<0.002				0.94	0.98	-1.97
BR01-8	HC-08	<0.000005	0.0002	0.0007	0.00038	0.000012	0.0031	0.0002	<0.0001	<0.002				0.92	0.87	2.91
BR01-8	HC-08	<0.000005	0.0002	0.0007	0.00034	0.000014	0.0030	0.0007	<0.0001	<0.002				0.86	0.85	0.41
BR01-8	HC-08	<0.000005	0.0003	0.0045	0.00023	0.000024	0.0030	0.0005	<0.0001	0.002				0.79	0.74	3.13
BR01-8	HC-08	<0.000005	0.0002	0.0009	0.00026	0.000022	0.0032	0.0001	<0.0001	<0.002				0.83	0.83	0.30
BR01-8	HC-08	<0.000005	0.0002	0.0011	0.00021	0.000021	0.0033	0.0002	<0.0001	<0.002				0.76	0.84	-4.70
BR01-8	HC-08	<0.000005	0.0002	0.0024	0.00018	0.000013	0.0028	0.0002	<0.0001	<0.002				0.76	0.72	2.44
BR01-8	HC-08	<0.000005	0.0002	0.0018	0.00018	0.000018	0.0030	0.0002	<0.0001	<0.002				0.78	0.76	1.42
BR01-8	HC-08	<0.000005	0.0004	0.0015	0.00015	0.000020	0.0026	0.0003	<0.0001	<0.002				0.74	0.73	0.27
BR01-8	HC-08	<0.000005	0.0003	0.0010	0.00014	0.000014	0.0025	0.0003	<0.0001	<0.002				0.65	0.64	0.31
BR01-8	HC-08	<0.000005	0.0002	0.0011	0.00011	0.000017	0.0029	<0.0001	<0.0001	<0.002				0.69	0.69	0.44
BR01-8	HC-08	<0.000005	0.0003	0.0010	0.00013	0.000044	0.0023	0.0002	<0.0001	<0.002				0.79	0.76	1.80
BR01-8	HC-08	<0.000005	0.0008	0.0009	0.00009	0.000032	0.0023	0.0007	<0.0001	<0.002				0.66	0.68	-0.90
BR01-8	HC-08	<0.000005	0.0003	0.0016	0.00009	0.000035	0.0025	0.0003	<0.0001	<0.002				0.71	0.77	-3.93
BR01-8	HC-08	<0.000005	0.0003	0.0008	0.00009	0.000027	0.0023	0.0001	<0.0001	<0.002				0.79	0.78	0.70
BR01-8	HC-08	<0.000005	0.0005	0.0009	0.00010	0.000026	0.0023	<0.0001	<0.0001	<0.002				0.72	0.71	0.84
BR01-8	HC-08	<0.000005	0.0003	0.0013	0.00013	0.000023	0.0029	0.0003	<0.0001	<0.002				0.73	0.67	3.87

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	20	14-May-13	500	470	8.22	72.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	21	21-May-13	500	485		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	22	28-May-13	500	470	8.25	78.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	23	04-Jun-13	500	480		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	24	11-Jun-13	500	470	8.30	68.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	25	18-Jun-13	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	26	25-Jun-13	500	470	8.34	68.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	27	02-Jul-13	500	475		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	28	09-Jul-13	500	475	8.21	66.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	29	16-Jul-13	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	30	23-Jul-13	500	475	8.11	62.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	31	30-Jul-13	500	470		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	32	06-Aug-13	500	460	7.91	58.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	33	13-Aug-13	500	490		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	34	20-Aug-13	500	460	7.97	57.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	35	27-Aug-13	500	475		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	36	03-Sep-13	500	475	7.93	66.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	37	10-Sep-13	500	455		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	38	17-Sep-13	500	475	7.98	67.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	39	24-Sep-13	500	465		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	40	01-Oct-13	500	480	7.63	70.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	41	08-Oct-13	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	42	15-Oct-13	500	465	7.93	66.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	43	22-Oct-13	500	465		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	44	29-Oct-13	500	475	7.53	82.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	45	05-Nov-13	500	475		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	46	12-Nov-13	500	475	7.60	78.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	47	19-Nov-13	500	475		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	48	26-Nov-13	500	460	7.74	70.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	49	03-Dec-13	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	50	10-Dec-13	500	465	7.91	87.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	51	17-Dec-13	500	470		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	52	24-Dec-13	500	465	7.80	81.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	53	31-Dec-13	500	465		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	54	07-Jan-14	500	480	7.81	76.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	55	14-Jan-14	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	56	21-Jan-14	500	470	7.65	74.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	57	28-Jan-14	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	58	04-Feb-14	500	450	7.57	75.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	59	11-Feb-14	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	60	18-Feb-14	500	470	7.79	86.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	61	25-Feb-14	500	480		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	62	04-Mar-14	500	485	7.74	89.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	63	11-Mar-14	500	455		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	64	18-Mar-14	500	470	7.91	87.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	65	25-Mar-14	500	470		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	66	01-Apr-14	500	470	7.73	82.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	67	08-Apr-14	500	465		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	68	15-Apr-14	500	470	7.72	87.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	69	22-Apr-14	500	485		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	70	29-Apr-14	500	465	7.69	93.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-8	HC-08	130	12.4	<0.5	<0.5	22.4	<0.05	<0.01	<0.5					28.8	0.174	0.00004	0.00891
BR01-8	HC-08																
BR01-8	HC-08	120	11.7	<0.5	<0.5	27.2	<0.05	<0.01	<0.5					31.2	0.202	0.00003	0.00986
BR01-8	HC-08																
BR01-8	HC-08	120	10.0	<0.5	<0.5	21.5	<0.05	<0.01	<0.5					28.1	0.193	0.00003	0.01010
BR01-8	HC-08																
BR01-8	HC-08	130	10.1	<0.5	<0.5	22.3	<0.05	<0.01	0.5					30.3	0.166	0.00002	0.00867
BR01-8	HC-08																
BR01-8	HC-08	155	9.9	<0.5	<0.5	17.4	<0.05	<0.01	0.7					27.1	0.151	0.00002	0.00793
BR01-8	HC-08																
BR01-8	HC-08	130	9.7	<0.5	<0.5	17.8	<0.05	<0.01	<0.5					24.9	0.144	0.00002	0.00802
BR01-8	HC-08																
BR01-8	HC-08	140	10.0	<0.5	0.7	16.7	<0.05	<0.01	<0.5					25.0	0.124	0.00002	0.00709
BR01-8	HC-08																
BR01-8	HC-08	135	10.4	<0.5	0.7	16.3	<0.05	<0.01	0.5					24.0	0.112	<0.00002	0.00644
BR01-8	HC-08																
BR01-8	HC-08	145	12.2	<0.5	<0.5	17.1	<0.05	<0.01	<0.5					28.4	0.131	<0.00002	0.00856
BR01-8	HC-08																
BR01-8	HC-08	150	14.7	<0.5	<0.5	16.9	<0.05	<0.01	0.5					28.5	0.116	<0.00002	0.00715
BR01-8	HC-08																
BR01-8	HC-08	135	15.4	<0.5	1.7	13.3	<0.05	<0.01	0.8					29.2	0.116	<0.00002	0.00736
BR01-8	HC-08																
BR01-8	HC-08	145	15.9	<0.5	0.8	15.2	<0.05	<0.01	0.6					32.0	0.134	<0.00002	0.00798
BR01-8	HC-08																
BR01-8	HC-08	135	18.4	<0.5	<0.5	20.4	<0.05	<0.01	<0.5					34.5	0.157	<0.00002	0.00817
BR01-8	HC-08																
BR01-8	HC-08	140	18.0	<0.5	<0.5	17.7	<0.05	<0.01	<0.5					33.5	0.143	<0.00002	0.00698
BR01-8	HC-08																
BR01-8	HC-08	155	14.3	<0.5	<0.5	14.8	<0.05	<0.01	<0.5					23.9	0.204	0.00028	0.00127
BR01-8	HC-08																
BR01-8	HC-08	150	19.2	<0.5	<0.5	16.9	<0.05	<0.01	<0.5					35.6	0.166	<0.00002	0.00858
BR01-8	HC-08																
BR01-8	HC-08	140	18.7	<0.5	1.7	15.6	<0.05	<0.01	<0.5					33.8	0.139	<0.00002	0.00724
BR01-8	HC-08																
BR01-8	HC-08	135	18.9	<0.5	<0.5	14.8	<0.05	<0.01	<0.5					31.9	0.145	0.00002	0.00711
BR01-8	HC-08																
BR01-8	HC-08	145	17.1	<0.5	<0.5	15.8	<0.05	<0.01	<0.5					31.9	0.118	<0.00002	0.00582
BR01-8	HC-08																
BR01-8	HC-08	145	17.9	<0.5	<0.5	14.0	<0.05	<0.01	<0.5					31.3	0.163	<0.00002	0.00759
BR01-8	HC-08																
BR01-8	HC-08	150	21.2	<0.5	<0.5	15.5	<0.05	<0.01	<0.5					35.0	0.126	<0.00002	0.00611
BR01-8	HC-08																
BR01-8	HC-08	140	17.7	<0.5	<0.5	20.8	<0.05	<0.01	<0.5					35.6	0.158	<0.00002	0.00744
BR01-8	HC-08																
BR01-8	HC-08	140	18.4	<0.5	<0.5	22.0	<0.05	<0.01	<0.5					35.0	0.161	<0.00002	0.00791
BR01-8	HC-08																
BR01-8	HC-08	145	17.1	<0.5	<0.5	16.3	<0.05	<0.01	<0.5					34.1	0.156	<0.00002	0.00669
BR01-8	HC-08																
BR01-8	HC-08	140	19.7	<0.5	<0.5	15.9	<0.05	<0.01	<0.5					35.5	0.154	<0.00002	0.00660
BR01-8	HC-08																
BR01-8	HC-08	145	20.8	<0.5	<0.5	17.5	<0.05	<0.01	<0.5					36.0	0.162	<0.00002	0.00709

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-8	HC-08	0.00213	<0.00001	<0.000005	<0.05	0.00022	<0.000005	10.1	0.0001	0.000129	0.00058	<0.00005	0.026	0.000047	0.0027	0.89
BR01-8	HC-08															
BR01-8	HC-08	0.00210	<0.00001	<0.000005	<0.05	0.00022	<0.000005	11.00	0.0001	0.000131	0.00034	<0.00005	0.019	0.000017	0.0028	0.89
BR01-8	HC-08															
BR01-8	HC-08	0.00192	<0.00001	<0.000005	<0.05	0.00020	<0.000005	10.00	<0.0001	0.000109	0.00032	<0.00005	0.011	0.000061	0.0024	0.73
BR01-8	HC-08															
BR01-8	HC-08	0.00184	<0.00001	<0.000005	<0.05	0.00021	<0.000005	11.00	0.0002	0.000114	0.00040	<0.00005	0.014	<0.000005	0.0022	0.66
BR01-8	HC-08															
BR01-8	HC-08	0.00175	<0.00001	<0.000005	<0.05	0.00015	<0.000005	9.90	0.0002	0.000117	0.00039	<0.00005	0.016	0.000009	0.0021	0.58
BR01-8	HC-08															
BR01-8	HC-08	0.00190	<0.00001	<0.000005	<0.05	0.00017	<0.000005	9.01	0.0002	0.000130	0.00036	<0.00005	0.012	0.000010	0.0021	0.59
BR01-8	HC-08															
BR01-8	HC-08	0.00177	<0.00001	<0.000005	<0.05	0.00017	<0.000005	9.19	<0.0001	0.000123	0.00019	<0.00005	0.007	0.000010	0.0020	0.49
BR01-8	HC-08															
BR01-8	HC-08	0.00171	<0.00001	<0.000005	<0.05	0.00016	<0.000005	8.80	<0.0001	0.000122	0.00030	<0.00005	0.006	0.000027	0.0018	0.49
BR01-8	HC-08															
BR01-8	HC-08	0.00168	<0.00001	<0.000005	<0.05	0.00018	<0.000005	10.4	<0.0001	0.000189	0.00031	<0.00005	0.006	<0.000005	0.0018	0.59
BR01-8	HC-08															
BR01-8	HC-08	0.00194	<0.00001	<0.000005	<0.05	0.00017	<0.000005	10.5	<0.0001	0.000185	0.00033	<0.00005	0.005	0.000029	0.0019	0.53
BR01-8	HC-08															
BR01-8	HC-08	0.00198	<0.00001	<0.000005	<0.05	0.00016	<0.000005	10.8	<0.0001	0.000186	0.00037	<0.00005	0.004	0.000051	0.0019	0.54
BR01-8	HC-08															
BR01-8	HC-08	0.00207	<0.00001	<0.000005	<0.05	0.00016	<0.000005	11.9	<0.0001	0.000213	0.00051	<0.00005	0.007	0.000017	0.0017	0.53
BR01-8	HC-08															
BR01-8	HC-08	0.00235	<0.00001	<0.000005	<0.05	0.00022	<0.000005	12.9	<0.0001	0.000334	0.00038	<0.00005	0.007	0.000033	0.0025	0.58
BR01-8	HC-08															
BR01-8	HC-08	0.00231	<0.00001	<0.000005	<0.05	0.00019	<0.000005	12.6	<0.0001	0.000316	0.00032	<0.00005	0.007	0.000034	0.0012	0.48
BR01-8	HC-08															
BR01-8	HC-08	0.00292	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.44	<0.0001	0.000005	0.00017	0.00006	0.002	0.001250	<0.0005	0.69
BR01-8	HC-08															
BR01-8	HC-08	0.00221	<0.00001	<0.000005	<0.05	0.00022	<0.000005	13.4	<0.0001	0.000318	0.00037	<0.00005	0.005	0.000045	0.0019	0.52
BR01-8	HC-08															
BR01-8	HC-08	0.00255	<0.00001	<0.000005	<0.05	0.00023	<0.000005	12.8	<0.0001	0.000318	0.00032	<0.00005	0.002	0.000025	0.0020	0.46
BR01-8	HC-08															
BR01-8	HC-08	0.00231	<0.00001	<0.000005	<0.05	0.00020	<0.000005	12.1	<0.0001	0.000276	0.00114	<0.00005	0.007	0.000011	0.0020	0.41
BR01-8	HC-08															
BR01-8	HC-08	0.00215	<0.00001	<0.000005	<0.05	0.00019	<0.000005	12.1	<0.0001	0.000362	0.00082	<0.00005	0.005	0.000022	0.0014	0.42
BR01-8	HC-08															
BR01-8	HC-08	0.00203	<0.00001	<0.000005	<0.05	0.00018	<0.000005	11.9	<0.0001	0.000263	0.00066	<0.00005	0.009	<0.000005	0.0014	0.40
BR01-8	HC-08															
BR01-8	HC-08	0.00244	<0.00001	<0.000005	<0.05	0.00021	<0.000005	13.2	<0.0001	0.000382	0.00046	<0.00005	0.003	<0.000005	0.0017	0.49
BR01-8	HC-08															
BR01-8	HC-08	0.00243	<0.00001	<0.000005	<0.05	0.00021	<0.000005	13.6	<0.0001	0.000478	0.00069	<0.00005	0.009	0.000006	0.0019	0.41
BR01-8	HC-08															
BR01-8	HC-08	0.00230	<0.00001	<0.000005	<0.05	0.00020	<0.000005	13.3	<0.0001	0.000423	0.00042	<0.00005	0.005	0.000098	0.0017	0.40
BR01-8	HC-08															
BR01-8	HC-08	0.00231	<0.00001	<0.000005	<0.05	0.00022	<0.000005	13.0	<0.0001	0.000448	0.00041	<0.00005	0.009	<0.000005	0.0016	0.38
BR01-8	HC-08															
BR01-8	HC-08	0.00227	<0.00001	<0.000005	<0.05	0.00023	<0.000005	13.6	<0.0001	0.000491	0.00043	<0.00005	0.004	0.000011	0.0017	0.41
BR01-8	HC-08															
BR01-8	HC-08	0.00249	<0.00001	<0.000005	<0.05	0.00025	<0.000005	13.7	<0.0001	0.000553	0.00069	<0.00005	0.004	0.000005	0.0017	0.43

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-8	HC-08	0.00578	0.00001	0.006	0.00026	0.00059	2.27	0.00826	0.00025	1.1	<0.000005	0.43	0.0200	<10	<0.00002	0.000006
BR01-8	HC-08															
BR01-8	HC-08	0.00518	<0.00001	<0.002	0.00022	0.00029	2.34	0.00931	0.00016	1.2	<0.000005	0.40	0.0201	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.00483	<0.00001	<0.002	0.00019	0.00024	2.02	0.00836	0.00020	1.1	<0.000005	0.33	0.0177	<10	<0.00002	0.000008
BR01-8	HC-08															
BR01-8	HC-08	0.00507	<0.00001	0.019	0.00019	0.00029	1.79	0.00758	0.00017	1.2	<0.000005	0.31	0.0165	<10	<0.00002	0.000008
BR01-8	HC-08															
BR01-8	HC-08	0.00495	<0.00001	0.004	0.00020	0.00033	1.57	0.00670	0.00019	1.1	<0.000005	0.26	0.0145	<10	<0.00002	0.000007
BR01-8	HC-08															
BR01-8	HC-08	0.00693	0.00001	0.003	0.00018	0.00037	1.54	0.00672	0.00012	0.9	<0.000005	0.26	0.0142	<10	<0.00002	0.000007
BR01-8	HC-08															
BR01-8	HC-08	0.00663	<0.00001	<0.002	0.00019	0.00029	1.35	0.00643	0.00016	0.9	<0.000005	0.21	0.0127	<10	<0.00002	0.000008
BR01-8	HC-08															
BR01-8	HC-08	0.00677	<0.00001	<0.002	0.00015	0.00021	1.27	0.00632	0.00011	0.7	<0.000005	0.22	0.0124	<10	<0.00002	0.000006
BR01-8	HC-08															
BR01-8	HC-08	0.00768	<0.00001	0.008	0.00020	0.00032	1.58	0.00704	0.00017	0.9	<0.000005	0.26	0.0141	<10	<0.00002	0.000007
BR01-8	HC-08															
BR01-8	HC-08	0.00666	<0.00001	0.006	0.00019	0.00037	1.37	0.00675	0.00014	0.9	<0.000005	0.24	0.0139	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.00844	<0.00001	<0.002	0.00022	0.00059	1.36	0.00651	0.00009	0.8	<0.000005	0.21	0.0135	<10	<0.00002	0.000007
BR01-8	HC-08															
BR01-8	HC-08	0.00774	<0.00001	<0.002	0.00022	0.00052	1.43	0.00628	0.00012	0.9	<0.000005	0.22	0.0131	<10	<0.00002	0.000007
BR01-8	HC-08															
BR01-8	HC-08	0.00775	<0.00001	0.002	0.00023	0.00048	1.45	0.00753	0.00017	0.9	<0.000005	0.23	0.0159	<10	<0.00002	0.000011
BR01-8	HC-08															
BR01-8	HC-08	0.00875	<0.00001	0.014	0.00026	0.00073	1.32	0.00807	0.00013	0.9	<0.000005	0.21	0.0150	<10	<0.00002	0.000011
BR01-8	HC-08															
BR01-8	HC-08	0.00653	<0.00001	0.008	0.00113	0.00058	2.15	0.00528	<0.00004	1.2	<0.000005	<0.05	0.0079	<10	<0.00002	0.000013
BR01-8	HC-08															
BR01-8	HC-08	0.00815	<0.00001	0.010	0.00024	0.00047	1.48	0.00783	0.00016	1.1	<0.000005	0.22	0.0139	<10	<0.00002	0.000008
BR01-8	HC-08															
BR01-8	HC-08	0.00944	<0.00001	0.020	0.00022	0.00051	1.39	0.00748	0.00014	1.0	<0.000005	0.22	0.0130	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.00824	<0.00001	0.008	0.00025	0.00057	1.26	0.00695	0.00017	0.9	<0.000005	0.19	0.0115	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.00831	<0.00001	0.024	0.00023	0.00053	1.26	0.00669	0.00011	0.9	<0.000005	0.19	0.0112	<10	<0.00002	0.000008
BR01-8	HC-08															
BR01-8	HC-08	0.00743	<0.00001	0.004	0.00018	0.00040	1.14	0.00640	0.00015	0.8	<0.000005	0.16	0.0101	<10	<0.00002	0.000006
BR01-8	HC-08															
BR01-8	HC-08	0.00890	<0.00001	0.006	0.00027	0.00055	1.23	0.00745	0.00020	0.8	<0.000005	0.21	0.0121	<10	<0.00002	0.000008
BR01-8	HC-08															
BR01-8	HC-08	0.00943	<0.00001	0.004	0.00022	0.00069	1.34	0.00742	0.00014	1.0	<0.000005	0.17	0.0119	<10	<0.00002	0.000011
BR01-8	HC-08															
BR01-8	HC-08	0.00911	<0.00001	0.017	0.00024	0.00068	1.31	0.00752	0.00017	1.0	<0.000005	0.18	0.0112	<10	<0.00002	0.000010
BR01-8	HC-08															
BR01-8	HC-08	0.00952	<0.00001	0.003	0.00025	0.00056	1.22	0.00739	0.00017	0.9	<0.000005	0.15	0.0101	<10	<0.00002	0.000010
BR01-8	HC-08															
BR01-8	HC-08	0.00994	<0.00001	0.002	0.00027	0.00064	1.26	0.00722	0.00013	1.0	<0.000005	0.17	0.0106	<10	<0.00002	0.000011
BR01-8	HC-08															
BR01-8	HC-08	0.0113	<0.00001	0.002	0.00028	0.00082	1.29	0.00772	0.00014	1.0	<0.000005	0.17	0.0114	<10	<0.00002	0.000009

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-8	HC-08	<0.000005	0.0002	0.0016	0.00011	0.000108	0.0025	0.0018	<0.0001	<0.002				0.71	0.67	2.32
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	0.0002	0.0012	0.00009	0.000021	0.0029	0.0001	<0.0001	<0.002				0.79	0.72	4.37
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0006	0.00007	0.000027	0.0026	0.0001	<0.0001	<0.002				0.64	0.65	-0.85
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	0.0003	0.0005	0.00007	0.000026	0.0024	0.0003	<0.0001	<0.002				0.67	0.68	-0.89
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	0.0005	0.0007	0.00007	0.000020	0.0021	<0.0001	<0.0001	<0.002				0.58	0.61	-2.95
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	0.0004	0.0005	0.00006	0.000019	0.0021	0.0001	<0.0001	<0.002				0.56	0.57	-0.62
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00005	0.000017	0.0016	0.0001	<0.0001	<0.002				0.54	0.56	-1.36
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0006	0.00005	0.000017	0.0015	0.0005	<0.0001	<0.002				0.56	0.53	2.11
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0007	0.00006	0.000021	0.0020	0.0004	<0.0001	<0.002				0.60	0.64	-3.25
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00005	0.000021	0.0014	<0.0001	<0.0001	<0.002				0.66	0.63	2.26
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000017	0.0013	0.0004	<0.0001	<0.002				0.61	0.64	-2.72
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000017	0.0015	0.0007	<0.0001	<0.002				0.65	0.70	-3.40
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0007	0.00005	0.000020	0.0016	0.0001	<0.0001	<0.002				0.79	0.75	2.46
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000019	0.0014	0.0007	<0.0001	<0.002				0.73	0.73	0.00
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00005	0.000794	<0.0002	0.0004	<0.0001	<0.002				0.60	0.56	3.39
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000019	0.0014	0.0004	<0.0001	<0.002				0.74	0.78	-2.57
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000014	0.0012	0.0002	<0.0001	<0.002				0.70	0.74	-2.36
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0006	0.00003	0.000014	0.0012	0.0006	<0.0001	<0.002				0.69	0.69	-0.29
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000017	0.0012	0.0002	<0.0001	<0.002				0.67	0.69	-1.32
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00002	0.000013	0.0012	0.0004	<0.0001	<0.002				0.65	0.68	-2.03
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00003	0.000014	0.0011	0.0002	<0.0001	<0.002				0.75	0.75	-0.07
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0009	0.00003	0.000012	0.0013	0.0002	<0.0001	<0.002				0.78	0.77	0.84
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000014	0.0013	0.0005	<0.0001	<0.002				0.82	0.76	4.11
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0006	0.00003	0.000013	0.0011	<0.0001	<0.0001	<0.002				0.68	0.74	-3.94
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00003	0.000012	0.0013	<0.0001	<0.0001	<0.002				0.73	0.77	-2.54
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00003	0.000012	0.0012	<0.0001	<0.0001	<0.002				0.78	0.78	0.38

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	71	06-May-14	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	72	13-May-14	500	475	7.76	93.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	73	20-May-14	500	490		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	74	27-May-14	500	475	7.77	91.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	75	03-Jun-14	500	490		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	76	10-Jun-14	500	490	7.72	86.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	77	17-Jun-14	500	455		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	78	24-Jun-14	500	445	7.75	88.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	79	01-Jul-14	500	465		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	80	08-Jul-14	500	455	7.75	87.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	81	15-Jul-14	500	470		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	82	22-Jul-14	500	470	7.73	89.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	83	29-Jul-14	500	470		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	84	05-Aug-14	500	450	7.79	99.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	85	12-Aug-14	500	485		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	86	19-Aug-14	500	475	7.89	
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	87	26-Aug-14	500	480		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	88	02-Sep-14	500	465	7.70	83.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	89	09-Sep-14	500	465		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	90	16-Sep-14	500	470	7.74	
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	91	23-Sep-14	500	490		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	92	30-Sep-14	500	450	7.76	79.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	93	07-Oct-14	500	460		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	94	14-Oct-14	500	485	7.64	
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	95	21-Oct-14	500	450		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	96	28-Oct-14	500	490	7.71	76.0
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	97	04-Nov-14	500	485		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	98	11-Nov-14	500	475	7.77	
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	99	18-Nov-14	500	470		
BR01-8	HC-08	Goose Main	Gabbro	08GSE008	210.00	212.00	0.34	0.33	0.11	32.00	7.84	100	25-Nov-14	500	480	7.71	86.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	0	25-Dec-12	750	565	9.22	65.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	1	01-Jan-13	500	495	8.59	102
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	2	08-Jan-13	500	465	8.38	110
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	3	15-Jan-13	500	490	8.20	78.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	4	22-Jan-13	500	480	8.08	70.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	5	29-Jan-13	500	485	8.02	63.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	6	05-Feb-13	500	490	7.96	51.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	7	12-Feb-13	500	480	7.81	53.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	8	19-Feb-13	500	475	7.72	48.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	9	26-Feb-13	500	495	7.71	46.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	10	05-Mar-13	500	480	7.68	47.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	11	12-Mar-13	500	470	7.65	49.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	12	19-Mar-13	500	495	7.65	50.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-8	HC-08																
BR01-8	HC-08	120	19.9	<0.5	0.6	23.1	<0.05	<0.01	<0.5					39.2	0.162	<0.00002	0.00701
BR01-8	HC-08																
BR01-8	HC-08	130	17.1	<0.5	<0.5	22.4	<0.05	<0.01	<0.5					39.0	0.183	<0.00002	0.00788
BR01-8	HC-08																
BR01-8	HC-08	135	16.3	<0.5	<0.5	20.1	<0.05	<0.01	<0.5					36.3	0.171	<0.00002	0.00689
BR01-8	HC-08																
BR01-8	HC-08	135	18.1	<0.5	1.7	22.9	<0.05	<0.01	<0.5					36.6	0.156	<0.00002	0.00662
BR01-8	HC-08																
BR01-8	HC-08	130	20.5	<0.5	<0.5	15.8	<0.05	<0.01	<0.5					38.5	0.174	<0.00002	0.00591
BR01-8	HC-08																
BR01-8	HC-08	130	20.0	<0.5	<0.5	17.8	<0.05	<0.01	<0.5					37.5	0.148	<0.00002	0.00480
BR01-8	HC-08																
BR01-8	HC-08	135	21.5	<0.5	<0.5	22.3			<0.5					41.8	0.185	<0.00002	0.00531
BR01-8	HC-08																
BR01-8	HC-08																
BR01-8	HC-08	135	18.0	<0.5	<0.5	15.1			<0.5					33.8	0.126	<0.00002	0.00439
BR01-8	HC-08																
BR01-8	HC-08																
BR01-8	HC-08	140	16.9	<0.5	0.6	13.4			0.7					33.6	0.126	<0.00002	0.00419
BR01-8	HC-08																
BR01-8	HC-08																
BR01-8	HC-08																
BR01-8	HC-08	130	16.1	<0.5	<0.5	16.4			<0.5					32.2	0.104	<0.00002	0.00346
BR01-8	HC-08																
BR01-8	HC-08																
BR01-8	HC-08	140	18.1	<0.5	<0.5	20.3			<0.5					35.9	0.128	<0.00002	0.00390

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16	1060	6.3	<0.5	<0.5	22.9	0.07	0.010	1.5	<2	<0.5			14.0	0.1320	0.00003	0.00130
BR03-8	HC-16	95.0	13.3	<0.5	<0.5	32.4	0.07	0.012	1.6	<2	<0.5			29.5	0.1860	0.00010	0.00310
BR03-8	HC-16	100	14.9	<0.5	<0.5	37.0	0.07	<0.01	1.0	<2	<0.5			29.4	0.1620	0.00009	0.00424
BR03-8	HC-16	115	10.2	<0.5	<0.5	29.7	<0.05	<0.01	<0.5	<2	<0.5			25.5	0.1690	0.00006	0.00383
BR03-8	HC-16	140	7.9	<0.5	<0.5	27.1	<0.05	<0.01	<0.5	0.02	<0.005			23.6	0.1520	0.00006	0.00472
BR03-8	HC-16	140	7.3	<0.5	<0.5	25.1	<0.05	<0.01	0.5					21.6	0.1310	0.00006	0.00428
BR03-8	HC-16	140	5.5	<0.5	<0.5	20.9	<0.05	<0.01	0.8					18.7	0.1260	0.00004	0.00438
BR03-8	HC-16	140	7.2	<0.5	<0.5	21.1	<0.05	<0.01	<0.5					20.8	0.1380	0.00004	0.00527
BR03-8	HC-16	110	5.7	<0.5	<0.5	20.2	<0.05	<0.01	<0.5					20.8	0.1220	0.00005	0.00514
BR03-8	HC-16	120	5.5	<0.5	<0.5	20.1	<0.05	<0.01	0.5					19.7	0.1170	0.00004	0.00573
BR03-8	HC-16	140	5.8	<0.5	<0.5	16.7	<0.05	<0.01	<0.5					18.9	0.1210	0.00004	0.00580
BR03-8	HC-16	140	6.0	<0.5	<0.5	20.4	<0.05	<0.01	0.6					20.3	0.1350	0.00004	0.00599
BR03-8	HC-16	130	6.1	<0.5	<0.5	17.4	<0.05	<0.01	0.6					21.1	0.1050	0.00004	0.00642

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-8	HC-08															
BR01-8	HC-08	0.00260	<0.00001	<0.000005	<0.05	0.00022	<0.000005	15.0	<0.0001	0.000496	0.00049	<0.00005	0.003	<0.000005	0.0017	0.42
BR01-8	HC-08															
BR01-8	HC-08	0.00263	<0.00001	<0.000005	<0.05	0.00026	<0.000005	15.0	<0.0001	0.000549	0.00052	<0.00005	0.004	<0.000005	0.0018	0.40
BR01-8	HC-08															
BR01-8	HC-08	0.00252	<0.00001	<0.000005	<0.05	0.00025	<0.000005	13.9	<0.0001	0.000442	0.00028	<0.00005	0.001	<0.000005	0.0017	0.39
BR01-8	HC-08															
BR01-8	HC-08	0.00248	<0.00001	<0.000005	<0.05	0.00022	<0.000005	14.0	<0.0001	0.000492	0.00070	<0.00005	0.004	<0.000005	0.0015	0.39
BR01-8	HC-08															
BR01-8	HC-08	0.00253	<0.00001	<0.000005	<0.05	0.00024	<0.000005	14.7	<0.0001	0.000539	0.00057	<0.00005	0.006	0.000006	0.0015	0.42
BR01-8	HC-08															
BR01-8	HC-08	0.00260	<0.00001	<0.000005	<0.05	0.00025	<0.000005	14.4	<0.0001	0.000627	0.00038	<0.00005	0.003	0.000005	0.0014	0.40
BR01-8	HC-08															
BR01-8	HC-08	0.00331	<0.00001	0.000083	<0.05	0.00025	<0.000005	16.0	<0.0001	0.000691	0.00213	<0.00005	0.101	0.000056	0.0015	0.42
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.00244	<0.00001	<0.000005	<0.05	0.00020	<0.000005	12.9	<0.0001	0.000560	0.00043	<0.00005	0.006	0.000214	0.0013	0.36
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.00260	<0.00001	<0.000005	<0.05	0.00019	<0.000005	12.9	<0.0001	0.000538	0.00034	<0.00005	0.003	0.000197	0.0013	0.33
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.00222	<0.00001	<0.000005	<0.05	0.00021	<0.000005	12.4	<0.0001	0.000620	0.00029	<0.00005	0.002	0.000118	0.0012	0.32
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.00250	<0.00001	<0.000005	<0.05	0.00023	<0.000005	13.8	<0.0001	0.000775	0.00030	<0.00005	0.003	0.000109	0.0015	0.38

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16	0.00057	<0.00001	<0.000005	0.09	0.00013	<0.000005	3.88	<0.0001	0.000037	0.00098	<0.00005	0.025	0.000019	0.0030	1.04
BR03-8	HC-16	0.00129	<0.00001	<0.000005	0.20	0.00017	<0.000005	7.93	0.0001	0.000096	0.00052	<0.00005	0.062	0.000015	0.0058	2.35
BR03-8	HC-16	0.00145	<0.00001	<0.000005	0.20	0.00021	<0.000005	6.96	0.0001	0.000080	0.00034	<0.00005	0.026	0.000011	0.0066	2.93
BR03-8	HC-16	0.00111	<0.00001	<0.000005	0.13	0.00017	<0.000005	5.98	0.0001	0.000073	0.00033	<0.00005	0.039	0.000012	0.0065	2.56
BR03-8	HC-16	0.00116	<0.00001	<0.000005	0.09	0.00017	<0.000005	5.56	<0.0001	0.000080	0.00029	<0.00005	0.034	0.000014	0.0059	2.37
BR03-8	HC-16	0.00093	<0.00001	<0.000005	0.07	0.00016	<0.000005	5.06	0.0001	0.000078	0.00041	<0.00005	0.033	0.000015	0.0053	2.19
BR03-8	HC-16	0.00099	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.51	<0.0001	0.000093	0.00027	<0.00005	0.033	0.000008	0.0049	1.81
BR03-8	HC-16	0.00101	<0.00001	<0.000005	<0.05	0.00013	<0.000005	5.21	<0.0001	0.000097	0.00029	<0.00005	0.030	0.000020	0.0053	1.88
BR03-8	HC-16	0.00095	<0.00001	<0.000005	<0.05	0.00014	<0.000005	5.22	0.0001	0.000107	0.00033	<0.00005	0.035	0.000031	0.0048	1.89
BR03-8	HC-16	0.00095	<0.00001	<0.000005	<0.05	0.00012	<0.000005	4.81	0.0001	0.000104	0.00033	<0.00005	0.033	0.000014	0.0046	1.86
BR03-8	HC-16	0.00103	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.72	<0.0001	0.000130	0.00043	<0.00005	0.039	0.000014	0.0046	1.73
BR03-8	HC-16	0.00103	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.16	0.0002	0.000154	0.00046	<0.00005	0.054	0.000010	0.0049	1.80
BR03-8	HC-16	0.00103	<0.00001	<0.000005	<0.05	0.00013	<0.000005	5.43	0.0001	0.000118	0.00035	<0.00005	0.030	0.000027	0.0045	1.83

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-8	HC-08															
BR01-8	HC-08	0.0106	<0.00001	0.007	0.00028	0.00069	1.39	0.00776	0.00015	1.1	<0.000005	0.18	0.0112	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.0113	<0.00001	0.004	0.00031	0.00070	1.33	0.00827	0.00016	1.1	<0.000005	0.17	0.0105	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.0102	<0.00001	<0.002	0.00031	0.00062	1.34	0.00852	0.00012	1.1	<0.000005	0.15	0.00985	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.0102	<0.00001	0.005	0.00031	0.00070	1.27	0.00768	0.00020	1.1	<0.000005	0.15	0.00984	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08	0.0118	<0.00001	0.006	0.00033	0.00065	1.32	0.00800	0.00014	1.0	<0.000005	0.16	0.00939	<10	<0.00002	0.000011
BR01-8	HC-08															
BR01-8	HC-08	0.0117	<0.00001	0.003	0.00032	0.00071	1.11	0.00749	0.00010	1.0	<0.000005	0.13	0.00906	<10	0.00002	0.000010
BR01-8	HC-08															
BR01-8	HC-08	0.0143	<0.00001	0.003	0.00038	0.00076	1.11	0.00757	0.00016	1.1	0.000008	0.14	0.0101	<10	<0.00002	0.000025
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.0117	<0.00001	0.004	0.00037	0.00056	0.97	0.00625	0.00011	0.9	<0.000005	0.13	0.00769	<10	<0.00002	0.000009
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.0101	<0.00001	<0.002	0.00039	0.00059	0.94	0.00600	0.00014	0.8	<0.000005	0.13	0.00742	<10	<0.00002	0.000011
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.0114	<0.00001	<0.002	0.00032	0.00099	0.90	0.00599	0.00013	0.8	<0.000005	0.12	0.00701	<10	<0.00002	0.000010
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	0.0141	<0.00001	<0.002	0.00039	0.00092	0.99	0.00708	0.00015	0.9	<0.000005	0.13	0.00830	<10	<0.00002	0.000017

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16	0.00079	<0.00001	0.023	0.00032	0.00066	4.41	0.00719	0.00033	1.1	<0.000005	5.14	0.01540	<10	<0.00002	0.000007
BR03-8	HC-16	0.00254	<0.00001	0.011	0.00215	0.00029	5.93	0.00947	0.00062	2.2	<0.000005	6.60	0.03160	<10	<0.00002	0.000011
BR03-8	HC-16	0.00217	<0.00001	0.012	0.00166	0.00029	5.91	0.00949	0.00054	2.0	<0.000005	6.25	0.03650	<10	<0.00002	0.000011
BR03-8	HC-16	0.00208	<0.00001	0.004	0.00071	0.00026	4.50	0.00761	0.00046	1.7	<0.000005	3.89	0.02920	<10	<0.00002	0.000010
BR03-8	HC-16	0.00189	<0.00001	0.024	0.00045	0.00027	3.95	0.00672	0.00037	1.6	<0.000005	2.74	0.02890	<10	<0.00002	0.000010
BR03-8	HC-16	0.00201	<0.00001	0.016	0.00025	0.00027	3.48	0.00648	0.00040	1.5	<0.000005	1.93	0.02450	<10	<0.00002	0.000010
BR03-8	HC-16	0.00192	<0.00001	0.008	0.00013	0.00022	2.94	0.00564	0.00027	1.3	<0.000005	1.31	0.02090	<10	<0.00002	0.000010
BR03-8	HC-16	0.00206	<0.00001	0.006	0.00012	0.00028	2.94	0.00601	0.00039	1.6	<0.000005	1.14	0.02300	<10	0.00002	0.000010
BR03-8	HC-16	0.00239	<0.00001	0.009	0.00011	0.00043	2.76	0.00569	0.00019	1.7	<0.000005	1.06	0.02190	<10	<0.00002	0.000009
BR03-8	HC-16	0.00222	0.00003	0.011	0.00012	0.00029	2.68	0.00525	0.00038	1.4	<0.000005	0.95	0.02210	<10	<0.00002	0.000011
BR03-8	HC-16	0.00271	<0.00001	<0.002	0.00010	0.00026	2.35	0.00526	0.00037	1.4	<0.000005	0.79	0.02040	<10	<0.00002	0.000010
BR03-8	HC-16	0.00307	<0.00001	0.030	0.00014	0.00032	2.36	0.00519	0.00046	1.8	<0.000005	0.79	0.02100	<10	<0.00002	0.000009
BR03-8	HC-16	0.00241	<0.00001	0.006	0.00012	0.00024	2.42	0.00533	0.00035	1.5	<0.000005	0.75	0.02250	<10	<0.00002	0.000009

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN [*]	Weak Acid Dissociable Cyanide (CN) [*]	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000012	0.0012	0.0001	<0.0001	<0.002				0.88	0.84	1.92
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00004	0.000013	0.0016	<0.0001	<0.0001	<0.002				0.81	0.84	-2.25
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00003	0.000010	0.0012	<0.0001	<0.0001	<0.002				0.742	0.786	-2.88
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	0.0002	<0.0005	0.00004	0.000011	0.0011	0.0004	<0.0001	<0.002				0.835	0.789	2.83
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0005	0.00002	0.000009	0.0010	0.0003	<0.0001	<0.002				0.745	0.830	-5.40
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00003	0.000010	0.0008	<0.0001	<0.0001	0.002				0.772	0.801	-1.84
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	0.0029	0.00003	0.000010	0.0011	0.0006	<0.0001	<0.002				0.894	0.893	0.0600
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00003	0.000009	0.0009	0.0002	<0.0001	0.002				0.676	0.721	-3.22
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00002	0.000008	0.0008	0.0003	<0.0001	<0.002				0.638	0.715	-5.69
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	<0.0002	<0.0005	0.00002	0.000009	0.0006	<0.0001	<0.0001	<0.002				0.663	0.683	0.683
BR01-8	HC-08															
BR01-8	HC-08															
BR01-8	HC-08	<0.000005	0.0002	<0.0005	0.00003	0.000010	0.0008	0.0003	<0.0001	<0.002				0.783	0.764	0.764

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN [*]	Weak Acid Dissociable Cyanide (CN) [*]	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16	<0.000005	0.0003	0.0022	0.00018	<0.000002	0.0038	0.0008	<0.0001	<0.002				0.64	0.63	0.32
BR03-8	HC-16	<0.000005	0.0004	0.0031	0.00047	0.000009	0.0042	0.0005	<0.0001	<0.002				0.97	1.05	-3.80
BR03-8	HC-16	<0.000005	0.0003	0.0016	0.00037	0.000018	0.0049	0.0004	<0.0001	<0.002				1.08	1.03	2.46
BR03-8	HC-16	<0.000005	0.0003	0.0019	0.00017	0.000014	0.0033	0.0003	<0.0001	<0.002				0.81	0.81	-0.37
BR03-8	HC-16	<0.000005	0.0003	0.0021	0.00015	0.000009	0.0037	0.0003	<0.0001	<0.002				0.71	0.71	-0.42
BR03-8	HC-16	<0.000005	0.0003	0.0028	0.00012	0.000006	0.0034	0.0004	0.0002	<0.002				0.67	0.62	3.80
BR03-8	HC-16	<0.000005	0.0002	0.0022	0.00010	0.000008	0.0029	0.0002	<0.0001	<0.002				0.55	0.52	2.97
BR03-8	HC-16	<0.000005	0.0003	0.0015	0.00005	0.000008	0.0031	0.0002	<0.0001	<0.002				0.57	0.56	1.33
BR03-8	HC-16	<0.000005	0.0003	0.0026	0.00005	0.000010	0.0029	0.0007	<0.0001	<0.002				0.52	0.55	-2.33
BR03-8	HC-16	<0.000005	0.0003	0.0015	0.00003	0.000010	0.0028	0.0002	<0.0001	<0.002				0.53	0.52	1.43
BR03-8	HC-16	<0.000005	0.0003	0.0022	0.00004	0.000015	0.0030	0.0004	<0.0001	<0.002				0.46	0.49	-3.40
BR03-8	HC-16	<0.000005	0.0003	0.0029	0.00009	0.000015	0.0033	0.0003	<0.0001	<0.002				0.55	0.52	3.00
BR03-8	HC-16	<0.000005	0.0003	0.0015	0.00006	0.000011	0.0028	0.0006	<0.0001	0.009				0.49	0.53	-3.52

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	13	26-Mar-13	500	500	7.66	38.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	14	02-Apr-13	500	500	7.62	44.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	15	09-Apr-13	500	495	7.63	43.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	16	16-Apr-13	500	475	7.54	43.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	17	23-Apr-13	500	490	7.62	40.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	18	30-Apr-13	500	490	7.54	40.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	19	07-May-13	500	460	7.59	37.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	20	14-May-13	500	485	7.48	36.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	21	21-May-13	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	22	28-May-13	500	485	7.76	35.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	23	04-Jun-13	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	24	11-Jun-13	500	490	7.51	35.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	25	18-Jun-13	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	26	25-Jun-13	500	490	7.45	35.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	27	02-Jul-13	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	28	09-Jul-13	500	485	7.48	32.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	29	16-Jul-13	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	30	23-Jul-13	500	480	7.37	30.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	31	30-Jul-13	500	495		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	32	06-Aug-13	500	495	7.34	29.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	33	13-Aug-13	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	34	20-Aug-13	500	480	7.44	29.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	35	27-Aug-13	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	36	03-Sep-13	500	465	7.35	28.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	37	10-Sep-13	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	38	17-Sep-13	500	465	7.29	29.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	39	24-Sep-13	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	40	01-Oct-13	500	470	7.07	28.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	41	08-Oct-13	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	42	15-Oct-13	500	460	7.33	24.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	43	22-Oct-13	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	44	29-Oct-13	500	475	7.16	21.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	45	05-Nov-13	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	46	12-Nov-13	500	480	7.17	26.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	47	19-Nov-13	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	48	26-Nov-13	500	475	7.15	27.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	49	03-Dec-13	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	50	10-Dec-13	500	480	6.94	29.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	51	17-Dec-13	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	52	24-Dec-13	500	470	6.83	28.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	53	31-Dec-13	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	54	07-Jan-14	500	465	7.27	25.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	55	14-Jan-14	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	56	21-Jan-14	500	480	7.17	23.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	57	28-Jan-14	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	58	04-Feb-14	500	450	7.10	23.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	59	11-Feb-14	500	495		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	60	18-Feb-14	500	470	7.17	22.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	61	25-Feb-14	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	62	04-Mar-14	500	490	7.11	24.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	63	11-Mar-14	500	450		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16	120	5.4	<0.5	0.6	16.5	<0.05	<0.01	0.6					18.6	0.1140	0.00004	0.00732
BR03-8	HC-16	120	4.7	<0.5	<0.5	17.2	<0.05	<0.01	<0.5					17.9	0.1120	0.00003	0.00663
BR03-8	HC-16	135	4.8	<0.5	<0.5	15.3	<0.05	<0.01	0.6					17.6	0.0955	0.00003	0.00683
BR03-8	HC-16	125	4.9	<0.5	<0.5	15.2	<0.05	<0.01	0.7					17.7	0.0952	0.00003	0.00693
BR03-8	HC-16	120	5.4	<0.5	<0.5	14.3	<0.05	<0.01	<0.5					17.1	0.0824	0.00003	0.00670
BR03-8	HC-16	120	4.9	<0.5	<0.5	13.6	<0.05	<0.01	<0.5					16.7	0.0490	0.00003	0.00750
BR03-8	HC-16	125	4.7	<0.5	<0.5	13.4	<0.05	<0.01	<0.5					15.1	0.1020	0.00003	0.00827
BR03-8	HC-16	125	5.2	<0.5	<0.5	12.3	<0.05	<0.01	<0.5					14.6	0.1320	0.00003	0.01090
BR03-8	HC-16																
BR03-8	HC-16	130	4.3	<0.5	<0.5	12.5	<0.05	<0.01	<0.5					14.2	0.0878	<0.00002	0.00773
BR03-8	HC-16																
BR03-8	HC-16	110	3.6	<0.5	<0.5	11.4	<0.05	<0.01	<0.5					14.3	0.0848	<0.00002	0.00752
BR03-8	HC-16																
BR03-8	HC-16	120	3.7	<0.5	<0.5	10.5	<0.05	<0.01	<0.5					12.4	0.0752	<0.00002	0.00715
BR03-8	HC-16																
BR03-8	HC-16	150	4.0	<0.5	<0.5	10.2	<0.05	<0.01	0.7					11.6	0.0633	<0.00002	0.00643
BR03-8	HC-16																
BR03-8	HC-16	130	3.9	<0.5	<0.5	8.2	<0.05	<0.01	<0.5					10.9	0.0585	0.00002	0.00640
BR03-8	HC-16																
BR03-8	HC-16	120	5.1	<0.5	1.0	8.6	<0.05	<0.01	<0.5					10.9	0.0662	<0.00002	0.00714
BR03-8	HC-16																
BR03-8	HC-16	120	5.3	<0.5	<0.5	8.3	<0.05	<0.01	<0.5					10.5	0.0512	<0.00002	0.00615
BR03-8	HC-16																
BR03-8	HC-16	140	4.6	<0.5	<0.5	7.5	<0.05	<0.01	<0.5					10.0	0.0529	<0.00002	0.00691
BR03-8	HC-16																
BR03-8	HC-16	140	5.9	<0.5	<0.5	7.7	<0.05	<0.01	<0.5					10.8	0.0602	<0.00002	0.00698
BR03-8	HC-16																
BR03-8	HC-16	130	5.7	<0.5	<0.5	6.7	<0.05	<0.01	<0.5					10.9	0.0404	<0.00002	0.00577
BR03-8	HC-16																
BR03-8	HC-16	135	6.0	<0.5	<0.5	5.8	<0.05	<0.01	0.6					10.7	0.0365	<0.00002	0.00578
BR03-8	HC-16																
BR03-8	HC-16	130	7.8	<0.5	0.6	5.0	<0.05	<0.01	<0.5					11.8	0.0516	0.00002	0.00763
BR03-8	HC-16																
BR03-8	HC-16	135	6.2	<0.5	<0.5	5.0	<0.05	<0.01	<0.5					9.3	0.0320	<0.00002	0.00472
BR03-8	HC-16																
BR03-8	HC-16	140	6.7	<0.5	<0.5	5.4	<0.05	<0.01	<0.5					9.9	0.0370	<0.00002	0.00555
BR03-8	HC-16																
BR03-8	HC-16	135	7.5	<0.5	0.6	4.4	<0.05	<0.01	<0.5					10.3	0.0331	<0.00002	0.00550
BR03-8	HC-16																
BR03-8	HC-16	130	7.4	<0.5	<0.5	3.1	<0.05	<0.01	<0.5					9.5	0.0197	<0.00002	0.00427
BR03-8	HC-16																
BR03-8	HC-16	130	7.3	<0.5	<0.5	3.3	<0.05	<0.01	<0.5					8.5	0.0222	<0.00002	0.00420
BR03-8	HC-16																
BR03-8	HC-16	125	6.2	<0.5	<0.5	3.6	<0.05	<0.01	<0.5					8.3	0.0213	<0.00002	0.00361
BR03-8	HC-16																
BR03-8	HC-16	135	6.3	<0.5	<0.5	3.3	<0.05	<0.01	0.9					7.8	0.0204	<0.00002	0.00341
BR03-8	HC-16																
BR03-8	HC-16	135	5.7	<0.5	<0.5	3.2	<0.05	<0.01	<0.5					7.8	0.0270	<0.00002	0.00358
BR03-8	HC-16																
BR03-8	HC-16	130	4.8	<0.5	<0.5	3.6	<0.05	<0.01	<0.5					6.9	0.0217	<0.00002	0.00320
BR03-8	HC-16																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16	0.00140	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.75	<0.0001	0.000132	0.00045	<0.00005	0.026	0.000011	0.0047	1.65
BR03-8	HC-16	0.00093	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.58	<0.0001	0.000141	0.00046	<0.00005	0.050	0.000017	0.0039	1.56
BR03-8	HC-16	0.00111	<0.00001	<0.000005	<0.05	0.00018	<0.000005	4.54	<0.0001	0.000145	0.00055	<0.00005	0.035	0.000018	0.0045	1.52
BR03-8	HC-16	0.00104	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.58	<0.0001	0.000149	0.00034	<0.00005	0.029	0.000023	0.0042	1.52
BR03-8	HC-16	0.00083	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.47	<0.0001	0.000159	0.00025	<0.00005	0.018	0.000009	0.0040	1.44
BR03-8	HC-16	0.00107	<0.00001	<0.000005	<0.05	0.00018	<0.000005	4.41	<0.0001	0.000178	0.00035	<0.00005	0.028	0.000005	0.0037	1.37
BR03-8	HC-16	0.00082	<0.00001	<0.000005	<0.05	0.00018	<0.000005	3.91	<0.0001	0.000178	0.00039	<0.00005	0.028	0.000303	0.0037	1.31
BR03-8	HC-16	0.00109	<0.00001	<0.000005	<0.05	0.00016	0.000007	3.65	0.0001	0.000232	0.00061	<0.00005	0.064	0.000012	0.0038	1.33
BR03-8	HC-16															
BR03-8	HC-16	0.00083	<0.00001	<0.000005	<0.05	0.00014	<0.000005	3.64	0.0001	0.000197	0.00028	<0.00005	0.023	0.000008	0.0036	1.24
BR03-8	HC-16															
BR03-8	HC-16	0.00082	<0.00001	<0.000005	<0.05	0.00014	<0.000005	3.80	<0.0001	0.000190	0.00029	<0.00005	0.013	0.000016	0.0033	1.18
BR03-8	HC-16															
BR03-8	HC-16	0.00080	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.21	0.0002	0.000204	0.00026	<0.00005	0.015	<0.000005	0.0029	1.06
BR03-8	HC-16															
BR03-8	HC-16	0.00077	<0.00001	<0.000005	<0.05	0.00013	<0.000005	2.93	0.0002	0.000284	0.00034	<0.00005	0.018	0.000017	0.0030	1.04
BR03-8	HC-16															
BR03-8	HC-16	0.00072	<0.00001	<0.000005	<0.05	0.00010	<0.000005	2.80	<0.0001	0.000256	0.00026	<0.00005	0.016	<0.000005	0.0029	0.95
BR03-8	HC-16															
BR03-8	HC-16	0.00077	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.69	<0.0001	0.000300	0.00038	<0.00005	0.018	0.000007	0.0030	1.01
BR03-8	HC-16															
BR03-8	HC-16	0.00069	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.60	<0.0001	0.000292	0.00017	<0.00005	0.005	<0.000005	0.0032	0.97
BR03-8	HC-16															
BR03-8	HC-16	0.00079	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.41	<0.0001	0.000287	0.00032	<0.00005	0.008	0.000010	0.0024	0.96
BR03-8	HC-16															
BR03-8	HC-16	0.00063	<0.00001	<0.000005	<0.05	0.00011	<0.000005	2.72	<0.0001	0.000284	0.00026	<0.00005	0.004	<0.000005	0.0025	0.96
BR03-8	HC-16															
BR03-8	HC-16	0.00064	<0.00001	<0.000005	<0.05	0.00010	<0.000005	2.68	<0.0001	0.000388	0.00032	<0.00005	0.007	<0.000005	0.0026	1.03
BR03-8	HC-16															
BR03-8	HC-16	0.00068	<0.00001	<0.000005	<0.05	0.00010	<0.000005	2.57	<0.0001	0.000434	0.00020	<0.00005	0.003	0.000009	0.0025	1.03
BR03-8	HC-16															
BR03-8	HC-16	0.00166	<0.00001	<0.000005	<0.05	0.00013	<0.000005	2.81	<0.0001	0.000530	0.00031	<0.00005	0.004	0.000012	0.0033	1.15
BR03-8	HC-16															
BR03-8	HC-16	0.00078	<0.00001	<0.000005	<0.05	0.00010	0.000005	2.24	<0.0001	0.000594	0.00024	<0.00005	0.005	0.000015	0.0018	0.91
BR03-8	HC-16															
BR03-8	HC-16	0.00053	<0.00001	<0.000005	<0.05	0.00009	<0.000005	2.38	<0.0001	0.000562	0.00036	<0.00005	0.003	0.000006	0.0023	0.95
BR03-8	HC-16															
BR03-8	HC-16	0.00059	<0.00001	<0.000005	<0.05	0.00011	<0.000005	2.35	<0.0001	0.000604	0.00031	<0.00005	0.002	<0.000005	0.0028	1.08
BR03-8	HC-16															
BR03-8	HC-16	0.00058	<0.00001	<0.000005	<0.05	0.00010	0.000006	2.16	<0.0001	0.000604	0.00018	<0.00005	0.005	0.000007	0.0025	0.99
BR03-8	HC-16															
BR03-8	HC-16	0.00064	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.92	<0.0001	0.000658	0.00021	<0.00005	0.004	<0.000005	0.0024	0.89
BR03-8	HC-16															
BR03-8	HC-16	0.00061	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.88	<0.0001	0.000722	0.00027	<0.00005	0.004	0.000008	0.0020	0.87
BR03-8	HC-16															
BR03-8	HC-16	0.00054	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.70	<0.0001	0.000618	0.00028	<0.00005	0.004	<0.000005	0.0018	0.86
BR03-8	HC-16															
BR03-8	HC-16	0.00048	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.74	<0.0001	0.000614	0.00034	<0.00005	0.002	0.000015	0.0021	0.83
BR03-8	HC-16															
BR03-8	HC-16	0.00052	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.58	<0.0001	0.000588	0.00027	<0.00005	0.003	<0.000005	0.0017	0.72
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16	0.00235	<0.00001	<0.002	0.00011	0.00025	2.27	0.00506	0.00034	1.7	<0.000005	0.62	0.01990	<10	<0.00002	0.000011
BR03-8	HC-16	0.00280	<0.00001	0.003	0.00010	0.00025	2.13	0.00474	0.00029	1.5	<0.000005	0.52	0.01830	<10	<0.00002	0.000008
BR03-8	HC-16	0.00259	<0.00001	0.002	0.00013	0.00032	2.19	0.00546	0.00030	1.6	<0.000005	0.53	0.01930	<10	<0.00002	0.000009
BR03-8	HC-16	0.00263	<0.00001	<0.002	0.00008	0.00025	2.20	0.00516	0.00026	1.7	<0.000005	0.49	0.01780	<10	<0.00002	0.000009
BR03-8	HC-16	0.00286	<0.00001	<0.002	0.00007	0.00024	1.94	0.00485	0.00036	1.8	<0.000005	0.45	0.01670	<10	<0.00002	0.000007
BR03-8	HC-16	0.00282	<0.00001	0.002	0.00010	0.00036	1.97	0.00467	0.00025	1.4	0.000005	0.41	0.01680	<10	<0.00002	0.000008
BR03-8	HC-16	0.00285	<0.00001	0.004	0.00009	0.00027	1.78	0.00432	0.00029	1.4	<0.000005	0.42	0.01580	<10	<0.00002	0.000011
BR03-8	HC-16	0.00341	<0.00001	0.008	0.00007	0.00063	1.91	0.00430	0.00040	1.7	<0.000005	0.44	0.01490	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00285	<0.00001	0.003	0.00011	0.00031	1.76	0.00457	0.00021	1.5	<0.000005	0.36	0.01400	<10	<0.00002	0.000009
BR03-8	HC-16															
BR03-8	HC-16	0.00233	<0.00001	0.003	0.00018	0.00030	1.56	0.00400	0.00029	1.6	<0.000005	0.33	0.01340	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00259	<0.00001	0.022	0.00008	0.00029	1.40	0.00381	0.00015	1.4	<0.000005	0.30	0.01190	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00299	<0.00001	0.004	0.00007	0.00036	1.32	0.00354	0.00014	1.4	<0.000005	0.28	0.01120	<10	<0.00002	0.000009
BR03-8	HC-16															
BR03-8	HC-16	0.00322	0.00001	<0.002	0.00006	0.00049	1.29	0.00340	0.00021	1.5	<0.000005	0.25	0.01030	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00334	<0.00001	0.011	0.00006	0.00047	1.22	0.00369	0.00023	1.5	<0.000005	0.26	0.01010	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00321	<0.00001	0.003	0.00007	0.00028	1.05	0.00361	0.00023	1.5	<0.000005	0.24	0.01020	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00360	<0.00001	0.007	0.00006	0.00040	1.24	0.00362	0.00019	1.2	<0.000005	0.24	0.00978	<10	<0.00002	0.000010
BR03-8	HC-16															
BR03-8	HC-16	0.00313	<0.00001	0.009	0.00009	0.00035	1.10	0.00350	0.00019	1.4	<0.000005	0.24	0.00985	<10	<0.00002	0.000009
BR03-8	HC-16															
BR03-8	HC-16	0.00331	<0.00001	0.004	0.00010	0.00055	1.16	0.00329	0.00023	1.4	<0.000005	0.22	0.00969	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16	0.00364	<0.00001	<0.002	0.00010	0.00038	1.11	0.00317	0.00020	1.5	<0.000005	0.22	0.00898	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00412	<0.00001	0.003	0.00016	0.00052	1.08	0.00389	0.00021	1.9	<0.000005	0.24	0.00996	<10	<0.00002	0.000010
BR03-8	HC-16															
BR03-8	HC-16	0.00496	<0.00001	0.014	0.00013	0.00091	0.90	0.00317	0.00017	1.4	<0.000005	0.25	0.00903	<10	<0.00002	0.000010
BR03-8	HC-16															
BR03-8	HC-16	0.00489	<0.00001	0.010	0.00010	0.00088	0.94	0.00325	0.00018	1.6	<0.000005	0.19	0.00812	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00544	<0.00001	0.009	0.00011	0.00052	1.02	0.00354	0.00022	1.7	<0.000005	0.21	0.00868	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00524	<0.00001	0.021	0.00011	0.00065	0.93	0.00303	0.00018	1.5	<0.000005	0.22	0.00819	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00553	<0.00001	0.006	0.00012	0.00064	0.83	0.00290	0.00014	1.5	<0.000005	0.18	0.00779	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00567	<0.00001	0.026	0.00010	0.00065	0.83	0.00272	0.00016	1.5	<0.000005	0.20	0.00694	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16	0.00524	<0.00001	0.005	0.00008	0.00052	0.81	0.00263	0.00018	1.3	0.000017	0.18	0.00632	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00511	<0.00001	0.008	0.00007	0.00051	0.79	0.00269	0.00018	1.5	<0.000005	0.18	0.00641	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00499	<0.00001	0.004	0.00008	0.00052	0.70	0.00254	0.00015	1.5	<0.000005	0.14	0.00592	<10	<0.00002	0.000006
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16	<0.000005	0.0003	0.0011	0.00005	0.000012	0.0036	<0.0001	<0.0001	<0.002				0.46	0.47	-1.29
BR03-8	HC-16	<0.000005	0.0003	0.0029	0.00003	0.000015	0.0027	0.0004	<0.0001	<0.002				0.44	0.45	-0.79
BR03-8	HC-16	<0.000005	0.0009	0.0011	0.00005	0.000014	0.0029	0.0007	<0.0001	<0.002				0.43	0.44	-2.07
BR03-8	HC-16	<0.000005	0.0004	0.0015	0.00003	0.000009	0.0027	0.0002	<0.0001	0.003				0.42	0.44	-2.19
BR03-8	HC-16	<0.000005	0.0003	0.0009	0.00002	0.000008	0.0024	0.0002	<0.0001	<0.002				0.40	0.42	-2.81
BR03-8	HC-16	<0.000005	0.0005	0.0025	0.00002	0.000010	0.0028	<0.0001	<0.0001	<0.002				0.38	0.41	-4.21
BR03-8	HC-16	<0.000005	0.0003	0.0015	0.00002	0.000010	0.0031	0.0005	<0.0001	<0.002				0.37	0.38	-1.75
BR03-8	HC-16	<0.000005	0.0003	0.0039	0.00002	0.000008	0.0033	0.0008	<0.0001	<0.002				0.35	0.38	-3.15
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	0.0002	0.0012	0.00003	0.000013	0.0027	0.0002	<0.0001	<0.002				0.34	0.36	-2.31
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0007	0.00002	0.000041	0.0025	0.0002	<0.0001	<0.002				0.30	0.35	-7.18
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	0.0004	<0.0005	0.00001	0.000004	0.0022	0.0004	<0.0001	<0.002				0.29	0.31	-3.04
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	0.0005	0.0008	0.00002	0.000004	0.0023	0.0003	<0.0001	<0.002				0.31	0.29	4.04
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	0.0003	<0.0005	0.00002	0.000003	0.0018	0.0005	<0.0001	<0.002				0.25	0.27	-4.47
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0011	0.00001	0.000003	0.0022	0.0003	<0.0001	<0.002				0.28	0.27	1.83
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	0.0002	<0.0005	0.00002	0.000003	0.0018	0.0002	<0.0001	<0.002				0.28	0.25	4.53
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00001	0.000003	0.0022	0.0003	<0.0001	<0.002				0.25	0.25	-0.61
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00001	0.000007	0.0018	0.0002	<0.0001	<0.002				0.28	0.26	3.35
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0015	0.0002	<0.0001	<0.002				0.25	0.26	-1.95
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00001	<0.000002	0.0018	0.0003	<0.0001	<0.002				0.26	0.26	0.58
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00002	0.000005	0.0020	0.0006	<0.0001	<0.002				0.26	0.28	-3.14
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00002	0.000003	0.0014	0.0011	<0.0001	<0.002				0.23	0.23	0.66
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00001	0.000002	0.0014	0.0015	<0.0001	<0.002				0.25	0.23	2.90
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00001	0.000003	0.0013	0.0005	<0.0001	<0.002				0.25	0.25	0.00
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0011	0.0007	<0.0001	<0.002				0.22	0.23	-2.04
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0012	0.0003	<0.0001	<0.002				0.22	0.20	4.29
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0005	0.00001	<0.000002	0.0012	0.0005	<0.0001	<0.002				0.20	0.20	0.75
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0005	<0.00001	0.000002	0.0010	0.0004	<0.0001	<0.002				0.22	0.19	8.37
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0010	0.0004	<0.0001	<0.002				0.18	0.19	-1.09
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0010	0.0004	<0.0001	<0.002				0.17	0.17	2.08
BR03-8	HC-16															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	64	18-Mar-14	500	475	7.10	20.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	65	25-Mar-14	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	66	01-Apr-14	500	475	7.16	27.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	67	08-Apr-14	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	68	15-Apr-14	500	470	6.94	21.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	69	22-Apr-14	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	70	29-Apr-14	500	460	7.02	23.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	71	06-May-14	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	72	13-May-14	500	475	6.98	20.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	73	20-May-14	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	74	27-May-14	500	485	6.93	20.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	75	03-Jun-14	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	76	10-Jun-14	500	480	6.97	19.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	77	17-Jun-14	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	78	24-Jun-14	500	495	6.91	18.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	79	01-Jul-14	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	80	08-Jul-14	500	450	6.95	20.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	81	15-Jul-14	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	82	22-Jul-14	500	465	6.98	20.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	83	29-Jul-14	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	84	05-Aug-14	500	480	6.99	19.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	85	12-Aug-14	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	86	19-Aug-14	500	465	6.81	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	87	26-Aug-14	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	88	02-Sep-14	500	460	7.01	18.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	89	09-Sep-14	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	90	16-Sep-14	500	465	6.87	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	91	23-Sep-14	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	92	30-Sep-14	500	460	6.85	16.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	93	07-Oct-14	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	94	14-Oct-14	500	495	6.81	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	95	21-Oct-14	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	96	28-Oct-14	500	485	6.92	15.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	97	04-Nov-14	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	98	11-Nov-14	500	470	6.77	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	99	18-Nov-14	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	100	25-Nov-14	500	485	6.81	16.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	101	02-Dec-14	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	102	09-Dec-14	500	470	6.79	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	103	16-Dec-14	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	104	23-Dec-14	500	470	7.00	14.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	105	30-Dec-14	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	106	06-Jan-15	500	465	6.86	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	107	13-Jan-15	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	108	20-Jan-15	500	465	6.86	15.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	109	27-Jan-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	110	03-Feb-15	500	475	6.91	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	111	10-Feb-15	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	112	17-Feb-15	500	460	6.95	14.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	113	24-Feb-15	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	114	03-Mar-15	500	480	6.99	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16	140	4.8	<0.5	<0.5	2.9	<0.05	<0.01	<0.5					6.8	0.0226	<0.00002	0.00287
BR03-8	HC-16																
BR03-8	HC-16	130	4.7	<0.5	<0.5	2.7	<0.05	<0.01	0.7					7.3	0.0219	<0.00002	0.00264
BR03-8	HC-16																
BR03-8	HC-16	140	6.0	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					7.2	0.0221	<0.00002	0.00265
BR03-8	HC-16																
BR03-8	HC-16	130	5.7	<0.5	<0.5	2.8	<0.05	<0.01	1.1					7.3	0.0173	<0.00002	0.00259
BR03-8	HC-16																
BR03-8	HC-16	120	5.1	<0.5	<0.5	3.0	<0.05	<0.01	<0.5					6.9	0.0202	<0.00002	0.00305
BR03-8	HC-16																
BR03-8	HC-16	130	3.7	<0.5	<0.5	2.6	<0.05	<0.01	0.5					6.5	0.0189	<0.00002	0.00225
BR03-8	HC-16																
BR03-8	HC-16	135	3.6	<0.5	<0.5	2.7	<0.05	<0.01	0.9					6.6	0.0202	<0.00002	0.00226
BR03-8	HC-16																
BR03-8	HC-16	145	4.1	<0.5	<0.5	2.9	<0.05	<0.01	<0.5					6.9	0.0208	<0.00002	0.00265
BR03-8	HC-16																
BR03-8	HC-16	140	4.5	<0.5	<0.5	2.4	<0.05	<0.01	0.8					7.2	0.0107	<0.00002	0.00138
BR03-8	HC-16																
BR03-8	HC-16	145	4.0	<0.5	<0.5	3.7	<0.05	<0.01	0.8					6.6	0.0144	<0.00002	0.00162
BR03-8	HC-16																
BR03-8	HC-16	135	3.7	<0.5	<0.5	2.6			1.0					6.9	0.0111	0.00003	0.00200
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	130	3.3	<0.5	<0.5	2.2			0.5					6.2	0.0086	<0.00002	0.00266
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	140	3.2	<0.5	<0.5	2.2			1.3					6.2	0.0082	<0.00002	0.00137
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	140	4.0	<0.5	0.6	2.3			<0.5					4.8	0.0093	<0.00002	0.00142
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	145	4.7	<0.5	<0.5	1.6			0.8					5.5	0.0083	<0.00002	0.00157
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	150	3.6	<0.5	<0.5	2.1			0.7					5.1	0.0084	<0.00002	0.00168
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	140	3.6	<0.5	<0.5	2.1			<0.5					5.2	0.0081	<0.00002	0.00109
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	145	2.9	<0.5	<0.5	2.2			<0.5					5.2	0.0081	<0.00002	0.00109
BR03-8	HC-16																
BR03-8	HC-16																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16	0.00049	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.52	<0.0001	0.000615	0.00036	<0.00005	0.003	0.000006	0.0017	0.72
BR03-8	HC-16															
BR03-8	HC-16	0.00049	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.60	<0.0001	0.000662	0.00021	<0.00005	<0.001	<0.000005	0.0020	0.81
BR03-8	HC-16															
BR03-8	HC-16	0.00048	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.56	<0.0001	0.000674	0.00026	<0.00005	<0.001	0.000005	0.0019	0.80
BR03-8	HC-16															
BR03-8	HC-16	0.00049	<0.00001	<0.000005	<0.05	0.00011	0.000006	1.63	<0.0001	0.000656	0.00035	<0.00005	0.001	<0.000005	0.0021	0.78
BR03-8	HC-16															
BR03-8	HC-16	0.00044	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.44	<0.0001	0.000680	0.00031	<0.00005	0.002	0.000006	0.0019	0.81
BR03-8	HC-16															
BR03-8	HC-16	0.00045	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.38	<0.0001	0.000699	0.00030	<0.00005	<0.001	0.000022	0.0018	0.75
BR03-8	HC-16															
BR03-8	HC-16	0.00050	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.33	<0.0001	0.000782	0.00027	<0.00005	0.001	0.000043	0.0017	0.78
BR03-8	HC-16															
BR03-8	HC-16	0.00048	<0.00001	<0.000005	<0.05	0.00008	0.000006	1.45	<0.0001	0.000738	0.00031	<0.00005	0.002	0.000005	0.0018	0.80
BR03-8	HC-16															
BR03-8	HC-16	0.00058	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.53	<0.0001	0.000866	0.00031	<0.00005	0.001	<0.000005	0.0018	0.83
BR03-8	HC-16															
BR03-8	HC-16	0.00050	<0.00001	<0.000005	<0.05	0.00009	0.000008	1.37	<0.0001	0.000793	0.00023	<0.00005	<0.001	0.000043	0.0016	0.77
BR03-8	HC-16															
BR03-8	HC-16	0.00072	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.47	<0.0001	0.000909	0.00026	<0.00005	0.005	<0.000005	0.0018	0.80
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00053	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.28	<0.0001	0.000910	0.00032	<0.00005	0.005	0.000036	0.0016	0.73
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00053	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.24	<0.0001	0.000988	0.00043	<0.00005	<0.001	0.000022	0.0013	0.76
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00040	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.96	<0.0001	0.000845	0.00033	<0.00005	<0.001	0.000008	0.0013	0.58
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00048	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.06	<0.0001	0.00109	0.00037	<0.00005	<0.001	0.000021	0.0014	0.68
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00044	<0.00001	<0.000005	<0.05	0.00007	0.000006	1.00	<0.0001	0.000896	0.00055	<0.00005	0.003	0.000008	0.0013	0.62
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00042	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.01	<0.0001	0.000952	0.00036	<0.00005	0.002	<0.000005	0.0018	0.66
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00056	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.02	<0.0001	0.000975	0.00038	<0.00005	0.003	<0.000005	0.0005	0.65
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16	0.00521	<0.00001	<0.002	0.00008	0.00051	0.66	0.00253	0.00013	1.4	<0.000005	0.14	0.00574	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00573	<0.00001	0.003	0.00006	0.00051	0.71	0.00288	0.00013	1.4	<0.000005	0.16	0.00590	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00587	<0.00001	0.004	0.00007	0.00058	0.70	0.00278	0.00017	1.4	<0.000005	0.15	0.00581	<10	<0.00002	0.000009
BR03-8	HC-16															
BR03-8	HC-16	0.00589	<0.00001	0.003	0.00008	0.00059	0.66	0.00284	0.00016	1.6	<0.000005	0.15	0.00638	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00611	<0.00001	0.005	0.00008	0.00058	0.62	0.00285	0.00017	1.7	<0.000005	0.15	0.00578	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00623	<0.00001	0.002	0.00006	0.00066	0.59	0.00249	0.00016	1.4	<0.000005	0.14	0.00529	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16	0.00679	<0.00001	0.003	0.00006	0.00055	0.58	0.00257	0.00015	1.4	<0.000005	0.14	0.00546	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16	0.00673	<0.00001	0.008	0.00007	0.00061	0.63	0.00228	0.00021	1.9	<0.000005	0.16	0.00528	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16	0.00764	<0.00001	0.004	0.00007	0.00062	0.63	0.00249	0.00012	1.5	<0.000005	0.15	0.00591	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16	0.00697	<0.00001	0.003	<0.00005	0.00059	0.60	0.00260	0.00013	1.5	<0.000005	0.14	0.00524	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16	0.00818	<0.00001	0.003	0.00011	0.00057	0.65	0.00254	0.00012	1.9	<0.000005	0.14	0.00564	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00787	<0.00001	0.003	0.00014	0.00063	0.55	0.00227	0.00015	1.4	<0.000005	0.12	0.00517	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00830	<0.00001	<0.002	0.00006	0.00065	0.52	0.00205	0.00013	1.3	<0.000005	0.12	0.00461	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00673	<0.00001	<0.002	<0.00005	0.00057	0.47	0.00192	0.00014	1.3	<0.000005	0.10	0.00375	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00833	<0.00001	<0.002	0.00005	0.00067	0.46	0.00208	0.00015	1.3	<0.000005	0.11	0.00437	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00735	<0.00001	0.008	<0.00005	0.00069	0.53	0.00200	0.00013	1.5	<0.000005	0.12	0.00396	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00761	<0.00001	0.009	<0.00005	0.00068	0.51	0.00201	0.00015	1.1	<0.000005	0.12	0.00365	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00742	<0.00001	0.002	<0.00005	0.00071	0.56	0.00214	0.00012	1.3	<0.000005	0.11	0.00411	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0008	0.0006	<0.0001	<0.002				0.16	0.16	-0.94
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00001	<0.000002	0.0009	0.0004	<0.0001	<0.002				0.17	0.18	-1.16
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0010	0.0007	<0.0001	<0.002				0.17	0.17	0.87
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0008	0.0003	<0.0001	<0.002				0.21	0.17	9.52
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0010	0.0006	<0.0001	<0.002				0.17	0.16	1.20
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0008	0.0003	<0.0001	<0.002				0.14	0.15	-3.70
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0008	0.0005	<0.0001	<0.002				0.15	0.16	-0.32
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0009	0.0007	<0.0001	<0.002				0.144	0.164	-6.49
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0007	0.0004	<0.0001	<0.002				0.167	0.169	-0.600
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0007	0.0008	<0.0001	<0.002				0.178	0.155	6.91
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0005	0.00001	<0.000002	0.0009	0.0004	<0.0001	<0.002				0.157	0.163	-1.88
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0007	0.0005	<0.0001	0.003				0.126	0.145	-7.01
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.000005	<0.0002	<0.0005	0.00001	<0.000002	0.0005	0.0004	<0.0001	<0.002				0.146	0.144	0.690
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0003	<0.0001	<0.002				0.129	0.114	6.17
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0005	<0.0001	<0.002				0.153	0.127	9.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	0.0005	0.0005	<0.0001	<0.002				0.137	0.121	6.20
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0003	<0.0001	<0.002				0.118	0.124	-2.48
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0004	<0.0001	0.002				0.104	0.124	-8.77
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	115	10-Mar-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	116	17-Mar-15	500	495	6.92	12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	117	24-Mar-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	118	31-Mar-15	500	475	6.74	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	119	07-Apr-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	120	14-Apr-15	500	475	6.79	13
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	121	21-Apr-15	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	122	28-Apr-15	500	475	6.75	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	123	05-May-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	124	12-May-15	500	480	6.93	15
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	125	19-May-15	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	126	26-May-15	500	470	6.84	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	127	02-Jun-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	128	09-Jun-15	500	470	6.82	13
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	129	16-Jun-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	130	23-Jun-15	500	465	7.01	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	131	30-Jun-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	132	07-Jul-15	500	460	6.84	12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	133	13-Jul-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	134	21-Jul-15	500	460	6.63	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	135	28-Jul-15	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	136	04-Aug-15	500	475	6.88	13
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	137	11-Aug-15	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	138	18-Aug-15	500	470	6.65	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	139	25-Aug-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	140	01-Sep-15	500	470	6.65	14
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	141	08-Sep-15	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	142	16-Sep-15	500	460	6.67	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	143	22-Sep-15	500	450		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	144	29-Sep-15	500	465	6.55	13
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	145	06-Oct-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	146	13-Oct-15	500	475	6.72	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	147	20-Oct-15	500	450		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	148	27-Oct-15	500	465	6.53	15
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	149	03-Nov-15	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	150	10-Nov-15	500	465	6.57	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	151	17-Nov-15	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	152	24-Nov-15	500	460	6.63	13
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	153	01-Dec-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	154	08-Dec-15	500	460	6.60	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	155	15-Dec-15	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	156	22-Dec-15	500	460	6.58	12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	157	29-Dec-15	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	158	05-Jan-16	500	480	6.60	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	159	12-Jan-16	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	160	19-Jan-16	500	475	6.54	12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	161	26-Jan-16	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	162	02-Feb-16	500	465	6.48	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	163	09-Feb-16	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	164	16-Feb-16	500	460	6.79	12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	165	23-Feb-16	500	490		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16																
BR03-8	HC-16	140	2.9	<0.5	<0.5	2.0			<0.5					4.1	0.0083	<0.00002	0.00088
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	160	3.0	<0.5	<0.5	1.5			<0.5					4.2	0.0061	<0.00002	0.00078
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	125	2.7	<0.5	<0.5	1.9			0.8					4.7	0.0065	<0.00002	0.00081
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	140	2.9	<0.5	<0.5	1.7			<0.5					4.3	0.0066	<0.00002	0.00102
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	130	3.1	<0.5	<0.5	1.1			0.7					4.6	0.0057	<0.00002	0.00076
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	120	3.3	<0.5	<0.5	2.3			<0.5					4.9	0.0065	<0.00002	0.00088
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	120	3.0	<0.5	0.7	1.7			0.7					5.0	0.0025	<0.00002	0.00069
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	130	3.1	<0.5	<0.5	2.8			0.7					4.7	0.0027	<0.00002	0.00060
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	125	3.5	<0.5	<0.5	1.3			<0.5					4.8	0.0037	<0.00002	0.00078
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	120	4.5	<0.5	<0.5	1.8			0.5					4.9	0.0038	<0.00002	0.00078
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	120	2.5	<0.5	<0.5	1.5			<0.5					4.1	0.0040	<0.00002	0.00067
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	140	3.9	<0.5	<0.5	1.4			<0.5					4.4	0.0035	<0.00002	0.00071
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	110	3.2	<0.5	<0.5	1.1			<0.5					4.1	0.0025	<0.00002	0.00059
BR03-8	HC-16																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16															
BR03-8	HC-16	0.00046	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.76	<0.0001	0.000846	0.00030	<0.00005	<0.001	<0.000005	0.0012	0.52
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00039	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.80	<0.0001	0.000895	0.00038	<0.00005	0.005	<0.000005	0.0006	0.54
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00037	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.87	<0.0001	0.000957	0.00052	<0.00005	<0.001	0.000008	0.0007	0.61
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00044	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.81	<0.0001	0.000817	0.00042	<0.00005	0.002	<0.000005	<0.0005	0.56
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00037	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.87	<0.0001	0.00101	0.00045	<0.00005	<0.001	<0.000005	0.0006	0.60
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00052	<0.00001	<0.000005	<0.05	0.00011	<0.000005	0.93	<0.0001	0.00101	0.00047	<0.00005	0.001	<0.000005	0.0010	0.62
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00053	<0.00001	0.000005	<0.05	0.00011	0.000012	0.94	<0.0001	0.00135	0.00057	<0.00005	0.001	0.000015	0.0008	0.65
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00043	<0.00001	<0.000005	<0.05	0.00009	0.000017	0.84	<0.0001	0.00142	0.00054	<0.00005	<0.001	0.000161	0.0011	0.63
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00047	<0.00001	<0.000005	<0.05	0.00010	0.000026	0.88	<0.0001	0.00137	0.00056	<0.00005	<0.001	0.000172	0.0011	0.63
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00059	<0.00001	<0.000005	<0.05	0.00011	0.000148	0.89	<0.0001	0.00139	0.00051	<0.00005	<0.001	0.00103	0.0014	0.66
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00040	<0.00001	<0.000005	<0.05	0.00008	0.000011	0.77	<0.0001	0.00127	0.00047	<0.00005	<0.001	0.000240	<0.0005	0.53
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00035	<0.00001	<0.000005	<0.05	0.00006	0.000029	0.82	<0.0001	0.00123	0.00045	<0.00005	0.002	0.00001	<0.0005	0.56
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00042	<0.00001	<0.000005	<0.05	0.00007	0.000005	0.75	<0.0001	0.00135	0.00046	<0.00005	<0.001	0.000011	0.0007	0.53
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16															
BR03-8	HC-16	0.00650	<0.00001	0.007	<0.00005	0.00058	0.48	0.00191	0.00010	1.5	<0.000005	0.10	0.00319	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00668	<0.00001	<0.002	<0.00005	0.00057	0.44	0.00180	0.00010	1.0	<0.000005	0.09	0.00309	<10	<0.00002	0.000002
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00758	<0.00001	0.003	<0.00005	0.00069	0.48	0.00208	0.00011	1.2	<0.000005	0.11	0.00303	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00611	<0.00001	<0.002	<0.00005	0.00069	0.42	0.00220	0.00012	1.4	<0.000005	0.10	0.00327	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00742	<0.00001	0.006	<0.00005	0.00058	0.39	0.00208	0.00013	1.1	<0.000005	0.09	0.00317	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00703	<0.00001	0.007	<0.00005	0.00072	0.40	0.00246	0.00012	2.0	<0.000005	0.11	0.00356	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00883	<0.00001	0.014	<0.00005	0.00079	0.37	0.00235	0.00011	1.3	<0.000005	0.11	0.00408	<10	<0.00002	0.000009
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00900	<0.00001	0.006	<0.00005	0.00078	0.36	0.00196	0.00011	1.1	<0.000005	0.10	0.00335	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00848	<0.00001	0.003	<0.00005	0.00083	0.37	0.00199	0.00013	1.2	<0.000005	0.11	0.00352	<10	<0.00002	0.000013
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00903	<0.00001	0.004	<0.00005	0.00081	0.38	0.00209	0.00012	1.2	<0.000005	0.10	0.00361	<10	<0.00002	0.000027
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00780	<0.00001	<0.002	<0.00005	0.00075	0.31	0.00169	0.00012	1.2	<0.000005	0.08	0.00316	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00792	<0.00001	<0.002	<0.00005	0.00075	0.31	0.00166	0.00012	1.1	<0.000005	0.10	0.00305	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00838	<0.00001	<0.002	<0.00005	0.00076	0.31	0.00164	0.00012	1.0	<0.000005	0.09	0.00288	<10	<0.00002	0.000004
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0016	0.0003	<0.0001	<0.002				0.102	0.0990	1.49
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0003	<0.0001	<0.002				0.0920	0.101	-4.66
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0011	0.0004	<0.0001	<0.002				0.117	0.112	2.18
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0004	<0.0001	<0.002				0.0940	0.102	-4.08
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0004	0.0004	<0.0001	<0.002				0.107	0.107	0.00
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0004	0.0006	<0.0001	<0.002				0.113	0.114	-0.440
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0017	0.0011	<0.0001	<0.002				0.116	0.115	0.430
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0006	0.0007	<0.0001	<0.002				0.140	0.108	12.9
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0021	0.0015	<0.0001	<0.002				0.099	0.111	-5.3
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0017	0.0019	<0.0001	<0.002				0.15	0.114	12.3
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0004	0.0007	<0.0001	<0.002				0.08	0.10	-6.74
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0027	<0.0001	<0.002				0.11	0.10	4.72
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0007	<0.0001	<0.002				0.09	0.09	-1.64
BR03-8	HC-16															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	166	01-Mar-16	500	475	6.57	11
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	167	08-Mar-16	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	168	15-Mar-16	500	485	6.56	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	169	22-Mar-16	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	170	29-Mar-16	500	475	6.49	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	171	05-Apr-16	500	490		12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	172	12-Apr-16	500	475	6.71	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	173	19-Apr-16	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	174	26-Apr-16	500	475	6.37	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	175	03-May-16	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	176	10-May-16	500	465	6.60	12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	177	17-May-16	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	178	24-May-16	500	475	6.40	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	179	31-May-16	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	180	07-Jun-16	500	480	6.41	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	181	14-Jun-16	500	460		14
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	182	21-Jun-16	500	450	6.50	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	183	28-Jun-16	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	184	05-Jul-16	500	470	6.84	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	185	12-Jul-16	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	186	19-Jul-16	500	465	6.46	11
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	187	26-Jul-16	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	188	02-Aug-16	500	470	6.34	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	189	09-Aug-16	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	190	16-Aug-16	500	470	6.52	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	191	23-Aug-16	500	490		11
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	192	30-Aug-16	500	460	6.63	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	193	06-Sep-16	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	194	13-Sep-16	500	470	6.42	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	195	20-Sep-16	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	196	27-Sep-16	500	470	6.62	11
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	197	04-Oct-16	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	198	11-Oct-16	500	460	6.57	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	199	18-Oct-16	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	200	25-Oct-16	500	475	6.42	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	201	01-Nov-16	500	475		12
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	202	08-Nov-16	500	480	6.62	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	203	15-Nov-16	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	204	22-Nov-16	500	465	6.60	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	205	29-Nov-16	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	206	06-Dec-16	500	475	6.43	11
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	207	13-Dec-16	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	208	20-Dec-16	500	470	6.33	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	209	27-Dec-16	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	210	03-Jan-17	500	475	6.68	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	211	10-Jan-17	500	475		11
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	212	17-Jan-17	500	465	6.50	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	213	24-Jan-17	500	495		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	214	31-Jan-17	500	475	6.32	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	215	07-Feb-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	216	14-Feb-17	500	475	6.50	10

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	120	2.7	<0.5	<0.5	1.2			0.7					3.7	0.0029	<0.00002	0.00059
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	125	2.8	<0.5	<0.5	1.5			<0.5					4.1	0.0024	0.00002	0.00059
BR03-8	HC-16																
BR03-8	HC-16	130	3.6	<0.5	0.7	1.6			0.8					4.1	0.0026	<0.00002	0.00077
BR03-8	HC-16																
BR03-8	HC-16	125	3.1	<0.5	<0.5	1.5			0.7					4.1	0.0019	<0.00002	0.00064
BR03-8	HC-16																
BR03-8	HC-16	175	2.9	<0.5	<0.5	<0.5			<0.5					3.8	0.0030	0.00004	0.00058
BR03-8	HC-16																
BR03-8	HC-16	140	2.8	<0.5	<0.5	1.5			<0.5					3.9	0.0026	<0.00002	0.00057
BR03-8	HC-16																
BR03-8	HC-16	150	2.5	<0.5	<0.5	1.0			1.0					3.6	0.0048	<0.00002	0.00055
BR03-8	HC-16																
BR03-8	HC-16	165	3.1	<0.5	<0.5	1.2			0.5					3.7	0.0015	<0.00002	0.00048
BR03-8	HC-16																
BR03-8	HC-16	180	2.8	<0.5	<0.5	0.7			0.9					3.8	0.0016	<0.00002	0.00053
BR03-8	HC-16																
BR03-8	HC-16	190	2.8	<0.5	<0.5	1.0			1.0					4.1	0.0014	<0.00002	0.00052
BR03-8	HC-16																
BR03-8	HC-16	190	2.7	<0.5	<0.5	1.4			<0.5					3.9	0.0062	<0.00002	0.00052
BR03-8	HC-16																
BR03-8	HC-16	220	2.6	<0.5	<0.5	1.2			0.8					3.5	0.0018	0.00002	0.00051
BR03-8	HC-16																
BR03-8	HC-16	225	2.6	<0.5	<0.5	1.5			<0.5					3.0	0.0016	<0.00002	0.00048

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00036	<0.00001	<0.000005	<0.05	0.00008	0.000006	0.68	<0.0001	0.00110	0.00059	<0.00005	<0.001	0.000007	<0.0005	0.48
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00041	<0.00001	<0.000005	<0.05	0.00009	0.000005	0.75	<0.0001	0.00125	0.00056	<0.00005	0.002	0.000043	0.0006	0.54
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00039	<0.00001	<0.000005	<0.05	0.00010	<0.000005	0.75	<0.0001	0.00126	0.00044	<0.00005	<0.001	<0.000005	<0.0005	0.54
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00037	<0.00001	<0.000005	<0.05	0.00010	0.000007	0.78	<0.0001	0.00137	0.00047	<0.00005	0.002	<0.000005	<0.0005	0.53
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00052	<0.00001	0.000005	<0.05	0.00009	0.000198	0.71	<0.0001	0.00135	0.00071	<0.00005	0.079	0.000175	<0.0005	0.49
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00035	<0.00001	<0.000005	<0.05	0.00008	0.000006	0.70	<0.0001	0.00129	0.00060	<0.00005	<0.001	0.000006	0.0006	0.52
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00039	<0.00001	<0.000005	<0.05	0.00010	0.000054	0.69	<0.0001	0.00160	0.00075	<0.00005	0.031	0.000035	<0.0005	0.46
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00038	<0.00001	<0.000005	<0.05	0.00008	0.000006	0.70	<0.0001	0.00186	0.00078	<0.00005	0.001	0.000013	<0.0005	0.48
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00043	<0.00001	<0.000005	<0.05	0.00008	0.000011	0.71	<0.0001	0.00176	0.00078	<0.00005	<0.001	<0.000005	0.0005	0.50
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00048	<0.00001	<0.000005	<0.05	0.00013	0.000007	0.76	<0.0001	0.00194	0.00094	<0.00005	<0.001	<0.000005	<0.0005	0.54
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00058	<0.00001	<0.000005	<0.05	0.00009	0.000006	0.71	<0.0001	0.00202	0.00108	<0.00005	0.010	<0.000005	<0.0005	0.51
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00040	<0.00001	<0.000005	<0.05	0.00008	0.000083	0.65	<0.0001	0.00177	0.00081	<0.00005	0.039	0.000058	<0.0005	0.45
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00035	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.54	<0.0001	0.00146	0.00085	<0.00005	0.001	0.000007	<0.0005	0.40

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00669	<0.00001	0.004	<0.00005	0.00074	0.30	0.00155	0.00012	1.1	<0.000005	0.09	0.00263	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00724	<0.00001	<0.002	<0.00005	0.00082	0.36	0.00179	0.00015	1.1	<0.000005	0.10	0.00288	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00773	<0.00001	0.002	<0.00005	0.00077	0.32	0.00178	0.00014	1.4	<0.000005	0.09	0.00280	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00871	<0.00001	0.004	<0.00005	0.00076	0.29	0.00159	0.00012	1.1	<0.000005	0.09	0.00288	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00838	<0.00001	0.003	<0.00005	0.00075	0.29	0.00175	0.00013	0.9	<0.000005	0.09	0.00282	<10	<0.00002	0.000034
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00794	<0.00001	0.006	<0.00005	0.00082	0.27	0.00148	0.00011	1.0	<0.000005	0.09	0.00269	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00924	<0.00001	0.009	<0.00005	0.00091	0.26	0.00163	0.00010	0.9	<0.000005	0.08	0.00270	<10	<0.00002	0.000024
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00990	<0.00001	0.003	<0.00005	0.00102	0.25	0.00130	0.00010	0.9	<0.000005	0.08	0.00258	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00998	<0.00001	0.004	<0.00005	0.00099	0.26	0.00149	0.00012	1.0	<0.000005	0.07	0.00281	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.01100	<0.00001	0.005	<0.00005	0.00106	0.32	0.00177	0.00012	0.9	<0.000005	0.08	0.00287	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.01100	<0.00001	0.004	<0.00005	0.00137	0.29	0.00151	0.00012	0.9	<0.000005	0.09	0.00259	<10	<0.00002	0.000008
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00988	<0.00001	0.004	<0.00005	0.00103	0.26	0.00152	0.00011	0.9	<0.000005	0.09	0.00231	<10	<0.00002	0.000052
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00858	<0.00001	0.002	<0.00005	0.00082	0.22	0.00119	0.00011	0.8	<0.000005	0.06	0.00198	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0005	0.0008	<0.0001	<0.002				0.10	0.09	7.53
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0010	0.0058	<0.0001	0.003				0.09	0.10	-4.81
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0004	0.0008	<0.0001	<0.002				0.13	0.10	15.6
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0008	<0.0001	<0.002				0.11	0.09	9.18
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	0.0003	0.0355	<0.0001	<0.002				0.06	0.09	-20.3
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0010	<0.0001	<0.002				0.09	0.09	0.00
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000002	0.0002	0.0144	<0.0001	<0.002				0.10	0.09	8.02
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0009	<0.0001	<0.002				0.10	0.09	10.1
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0014	<0.0001	<0.002				0.10	0.09	5.43
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0008	<0.0001	<0.002				0.11	0.10	6.4
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0016	<0.0001	<0.002				0.08	0.09	-4.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0165	<0.0001	<0.002				0.10	0.09	5.0
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0008	<0.0001	<0.002				0.08	0.07	6.76

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	217	21-Feb-17	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	218	28-Feb-17	500	470	6.38	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	219	07-Mar-17	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	220	14-Mar-17	500	455	6.54	10
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	221	21-Mar-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	222	28-Mar-17	500	475	6.51	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	223	04-Apr-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	224	11-Apr-17	500	490	6.32	9
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	225	18-Apr-17	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	226	25-Apr-17	500	480	6.53	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	227	02-May-17	500	500		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	228	09-May-17	500	470	6.46	10
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	229	16-May-17	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	230	23-May-17	500	460	6.56	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	231	30-May-17	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	232	06-Jun-17	500	490	6.47	9.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	233	13-Jun-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	234	20-Jun-17	500	490	6.58	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	235	27-Jun-17	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	236	04-Jul-17	500	475	6.78	9.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	237	11-Jul-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	238	18-Jul-17	500	475	6.64	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	239	25-Jul-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	240	01-Aug-17	500	470	6.60	9.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	241	08-Aug-17	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	242	15-Aug-17	500	480	6.43	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	243	22-Aug-17	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	244	29-Aug-17	500	475	6.48	8.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	245	05-Sep-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	246	12-Sep-17	500	470	6.55	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	247	19-Sep-17	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	248	26-Sep-17	500	475	6.41	10.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	249	03-Oct-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	250	10-Oct-17	500	480	6.52	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	251	17-Oct-17	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	252	24-Oct-17	500	480	6.20	8.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	253	31-Oct-17	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	254	07-Nov-17	500	475	6.51	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	255	14-Nov-17	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	256	21-Nov-17	500	455	6.61	9.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	257	28-Nov-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	258	05-Dec-17	500	475	6.51	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	259	12-Dec-17	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	260	19-Dec-17	500	480	6.50	8.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	261	26-Dec-17	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	262	02-Jan-18	500	475	6.51	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	263	09-Jan-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	264	16-Jan-18	500	470	6.45	8.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	265	23-Jan-18	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	266	30-Jan-18	500	470	6.32	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	267	06-Feb-18	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	230	2.7	<0.5	<0.5	2.2			0.6					3.3	0.0157	<0.00002	0.00056
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	240	2.4	<0.5	<0.5	0.8			<0.5					3.0	0.0025	<0.00002	0.00070
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	250	2.7	<0.5	<0.5	1.0			<0.5					3.3	0.0031	<0.00002	0.00075
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	225	2.3	<0.5	<0.5	1.3			0.5					2.9	0.0026	<0.00002	0.00054
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	225	2.9	<0.5	0.6	1.0			<0.5					3.0	0.0021	<0.00002	0.00053
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	230	2.7	<0.5	<0.5	1.6			<0.5					3.1	0.0041	<0.00002	0.00073
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	235	3.4	<0.5	<0.5	1.2			<0.5					2.7	0.0012	<0.00002	0.00063
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	240	2.3	<0.5	<0.5	1.7			0.6					3.1	0.0017	<0.00002	0.00068
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	250	2.0	<0.5	<0.5	0.6			<0.5					2.6	0.0014	<0.00002	0.00042
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	255	1.9	<0.5	<0.5	1.6			<0.5					2.7	0.0029	<0.00002	0.00050
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	260	1.7	<0.5	<0.5	1.5			<0.5					2.4	0.0013	<0.00002	0.00049
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	270	2.0	<0.5	<0.5	2.5			<0.5					2.7	0.0025	<0.00002	0.00039
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00039	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.61	<0.0001	0.00159	0.00105	<0.00005	0.030	<0.000005	<0.0005	0.44
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00029	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.55	<0.0001	0.00127	0.00062	<0.00005	<0.001	<0.000005	<0.0005	0.39
BR03-8	HC-16															
BR03-8	HC-16	0.00033	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.60	<0.0001	0.00123	0.00053	<0.00005	0.001	<0.000005	<0.0005	0.44
BR03-8	HC-16															
BR03-8	HC-16	0.00035	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.54	<0.0001	0.00124	0.00057	<0.00005	<0.001	0.000008	<0.0005	0.39
BR03-8	HC-16															
BR03-8	HC-16	0.00044	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.54	<0.0001	0.00128	0.00080	<0.00005	<0.001	0.000011	<0.0005	0.40
BR03-8	HC-16															
BR03-8	HC-16	0.00038	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.56	<0.0001	0.00122	0.00068	<0.00005	<0.001	<0.000005	<0.0005	0.41
BR03-8	HC-16															
BR03-8	HC-16	0.00034	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.49	<0.0001	0.00118	0.00075	<0.00005	<0.001	<0.000005	<0.0005	0.37
BR03-8	HC-16															
BR03-8	HC-16	0.00038	<0.00001	<0.000005	<0.05	0.00007	0.000006	0.56	<0.0001	0.00133	0.00078	<0.00005	<0.001	0.000006	<0.0005	0.42
BR03-8	HC-16															
BR03-8	HC-16	0.00031	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.45	<0.0001	0.00112	0.00083	<0.00005	<0.001	0.000007	<0.0005	0.34
BR03-8	HC-16															
BR03-8	HC-16	0.00040	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.46	<0.0001	0.00101	0.00068	<0.00005	<0.001	<0.000005	<0.0005	0.38
BR03-8	HC-16															
BR03-8	HC-16	0.0139	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.44	<0.0001	0.00105	0.00072	<0.00005	<0.001	<0.000005	<0.0005	0.33
BR03-8	HC-16															
BR03-8	HC-16	0.00099	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.45	<0.0001	0.00123	0.00089	<0.00005	<0.001	0.000017	<0.0005	0.38
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00932	<0.00001	0.004	<0.00005	0.00091	0.27	0.00139	0.00012	1.0	<0.000005	0.07	0.00227	<10	0.00004	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00724	<0.00001	<0.002	<0.00005	0.00067	0.26	0.00131	0.00012	0.9	<0.000005	0.07	0.00193	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16	0.00799	<0.00001	<0.002	<0.00005	0.00057	0.28	0.00149	0.00013	0.9	<0.000005	0.10	0.00216	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16	0.00733	<0.00001	<0.002	<0.00005	0.00061	0.24	0.00119	0.00010	0.8	<0.000005	0.06	0.00197	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00702	<0.00001	0.005	<0.00005	0.00067	0.27	0.00138	0.00009	0.8	<0.000005	0.07	0.00195	<10	<0.00002	0.000009
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00685	<0.00001	0.005	<0.00005	0.00070	0.27	0.00143	0.00009	0.8	<0.000005	0.09	0.00201	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00622	<0.00001	0.005	<0.00005	0.00066	0.24	0.00129	0.00009	0.7	<0.000005	0.08	0.00186	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00721	<0.00001	0.002	<0.00005	0.00077	0.28	0.00139	0.00013	0.8	<0.000005	0.09	0.00188	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00694	<0.00001	0.004	<0.00005	0.00058	0.20	0.00113	0.00009	0.7	<0.000005	0.05	0.00148	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00487	<0.00001	<0.002	<0.00005	0.00055	0.22	0.00113	0.00009	0.9	<0.000005	0.07	0.00168	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00589	<0.00001	0.004	<0.00005	0.00062	0.20	0.00113	0.00008	0.7	<0.000005	0.06	0.00160	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00552	<0.00001	0.005	<0.00005	0.00079	0.21	0.00100	0.00009	0.7	<0.000005	0.08	0.00167	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0007	<0.00001	<0.000002	0.0003	0.0008	<0.0001	<0.002				0.12	0.08	19.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0007	<0.0001	<0.002				0.08	0.07	2.74
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0006	<0.0001	<0.002				0.08	0.08	0.00
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0006	<0.0001	<0.002				0.10	0.07	18.1
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	0.0003	0.0006	<0.0001	<0.002				0.08	0.07	4.11
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	0.0003	0.0019	<0.0001	<0.002				0.08	0.07	0.67
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0009	<0.0001	<0.002				0.07	0.07	2.99
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0008	<0.0001	0.003				0.10	0.08	16.2
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0006	<0.0001	<0.002				0.05	0.06	-10.1
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0007	<0.0001	<0.002				0.07	0.06	7.25
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0008	<0.0001	<0.002				0.08	0.06	13.6
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0010	<0.0001	<0.002				0.09	0.06	16.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	268	13-Feb-18	500	485	6.34	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	269	20-Feb-18	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	270	27-Feb-18	500	480	6.25	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	271	06-Mar-18	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	272	13-Mar-18	500	485	6.34	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	273	20-Mar-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	274	27-Mar-18	500	470	6.36	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	275	03-Apr-18	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	276	10-Apr-18	500	475	6.61	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	277	17-Apr-18	500	480		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	278	24-Apr-18	500	465	6.30	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	279	01-May-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	280	08-May-18	500	470	6.35	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	281	15-May-18	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	282	22-May-18	500	475	6.39	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	283	29-May-18	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	284	05-Jun-18	500	480	6.36	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	285	12-Jun-18	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	286	19-Jun-18	500	480	6.21	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	287	26-Jun-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	288	03-Jul-18	500	485	6.13	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	289	10-Jul-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	290	17-Jul-18	500	475	6.52	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	291	24-Jul-18	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	292	31-Jul-18	500	480	6.40	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	293	07-Aug-18	500	495		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	294	14-Aug-18	500	475	6.28	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	295	21-Aug-18	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	296	28-Aug-18	500	460	6.63	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	297	04-Sep-18	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	298	11-Sep-18	500	465	6.85	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	299	18-Sep-18	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	300	25-Sep-18	500	470	6.45	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	301	02-Oct-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	302	09-Oct-18	500	450	6.24	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	303	16-Oct-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	304	23-Oct-18	500	485	6.74	8.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	305	30-Oct-18	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	306	06-Nov-18	500	470	6.19	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	307	13-Nov-18	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	308	20-Nov-18	500	465	6.21	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	309	27-Nov-18	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	310	04-Dec-18	500	450	6.42	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	311	11-Dec-18	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	312	18-Dec-18	500	470	6.66	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	313	25-Dec-18	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	314	01-Jan-19	500	470	6.40	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	315	08-Jan-19	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	316	15-Jan-19	500	470	6.58	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	317	22-Jan-19	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	318	29-Jan-19	500	475	6.30	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16	270	1.9	<0.5	<0.5	1.3			<0.5					2.5	0.0015	<0.00002	0.00044
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	280	2.2	<0.5	<0.5	0.8			<0.5					2.5	0.0022	<0.00002	0.00037
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	280	1.9	<0.5	<0.5	<0.5			<0.5					2.5	0.0030	<0.00002	0.00044
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	275	1.5	<0.5	<0.5	1.2			0.9					2.5	0.0014	<0.00002	0.00046
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	280	1.93	<0.5	<0.5	<0.5			<0.5					2.3	0.0028	<0.00002	0.00041
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	270	1.78	<0.5	<0.5	1.1			<0.5					2.1	0.0025	<0.00002	0.00036
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	270	1.67	<0.5	<0.5	<0.5			<0.5					2.1	0.0022	<0.00002	0.00036
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	285	1.66	<0.5	<0.5	0.8			0.6					2.2	0.0028	<0.00002	0.00040
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	285	1.63	<0.5	<0.5	<0.5			<0.5					2.2	0.0008	<0.00002	0.00034
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	280	1.68	<0.5	1.1	1.2			0.8					2.5	0.0026	<0.00002	0.00041
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	300	1.83	<0.5	<0.5	0.7			<0.5					2.4	0.0038	<0.00002	0.00043
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	310	2.13	<0.5	<0.5	0.6			<0.5					2.0	0.0016	<0.00002	0.00038
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	310	1.56	<0.5	<0.5	0.6			<0.5					1.9	0.0011	<0.00002	0.00035
BR03-8	HC-16																
BR03-8	HC-16																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16	0.00048	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.44	<0.0001	0.00110	0.00087	<0.00005	<0.001	0.000053	<0.0005	0.34
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00029	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.44	<0.0001	0.00103	0.00080	<0.00005	0.003	<0.000005	<0.0005	0.33
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00028	<0.00001	<0.000005	<0.05	0.00005	0.000005	0.43	<0.0001	0.00110	0.00087	<0.00005	0.002	<0.000005	<0.0005	0.33
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00043	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.47	<0.0001	0.00103	0.00078	<0.00005	<0.001	0.000014	<0.0005	0.32
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00034	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.42	<0.0001	0.00102	0.00097	<0.00005	0.002	0.000009	<0.0005	0.30
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00298	<0.00001	<0.000005	<0.05	0.00005	0.000005	0.37	<0.0001	0.000985	0.00097	<0.00005	0.004	0.000028	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00149	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.35	<0.0001	0.000974	0.00093	<0.00005	<0.001	0.000013	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00123	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.39	<0.0001	0.000961	0.00110	<0.00005	<0.001	0.000014	<0.0005	0.30
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00027	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.36	<0.0001	0.00101	0.00109	<0.00005	<0.001	0.000005	<0.0005	0.31
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00359	<0.00001	<0.000005	<0.05	0.00006	0.000005	0.43	<0.0001	0.000499	0.00106	<0.00005	0.025	0.000028	<0.0005	0.34
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00034	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.40	<0.0001	0.001120	0.00135	<0.00005	0.002	0.000008	<0.0005	0.33
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00047	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.34	<0.0001	0.00114	0.00135	<0.00005	0.002	0.000018	<0.0005	0.27
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00034	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.32	<0.0001	0.001050	0.00128	<0.00005	<0.001	<0.000005	<0.0005	0.26
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16	0.00529	<0.00001	0.006	<0.00005	0.00064	0.19	0.00103	0.00009	0.8	<0.000005	0.07	0.00157	<10	0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00553	<0.00001	0.004	<0.00005	0.00059	0.17	0.00097	0.00008	0.6	<0.000005	0.06	0.00139	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00565	<0.00001	0.003	<0.00005	0.00069	0.17	0.00092	0.00008	0.6	<0.000005	0.06	0.00147	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00546	<0.00001	0.004	<0.00005	0.00056	0.20	0.00107	0.00009	0.6	<0.000005	0.07	0.00157	<10	<0.00002	0.000003
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00540	<0.00001	<0.002	<0.00005	0.00061	0.17	0.00101	0.00008	0.6	<0.000005	0.07	0.00148	<10	<0.00002	0.000003
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00477	<0.00001	0.002	<0.00005	0.00058	0.15	0.00081	0.00008	0.6	<0.000005	<0.05	0.00146	<10	<0.00002	0.000003
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00494	<0.00001	<0.002	<0.00005	0.00059	0.15	0.00074	0.00008	0.5	<0.000005	0.06	0.00129	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00427	<0.00001	0.003	<0.00005	0.00054	0.15	0.00092	0.00009	0.5	<0.000005	0.07	0.00141	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00446	<0.00001	0.003	<0.00005	0.00055	0.13	0.00075	0.00008	0.4	<0.000005	<0.05	0.00132	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00034	<0.00001	0.004	<0.00005	0.00070	0.22	0.00094	0.00007	0.6	<0.000005	0.07	0.00141	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00499	<0.00001	0.009	<0.00005	0.00057	0.16	0.00098	0.00008	0.6	<0.000005	0.05	0.00143	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00533	<0.00001	0.004	<0.00005	0.00052	0.14	0.00093	0.00007	0.5	<0.000005	0.05	0.00121	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00470	<0.00001	0.003	<0.00005	0.00045	0.11	0.00073	0.00006	0.4	<0.000005	<0.05	0.00117	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0011	<0.0001	<0.002				0.05	0.06	-5.36
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0007	<0.0001	<0.002				0.06	0.06	-0.88
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0006	<0.0001	<0.002				0.03	0.06	-32.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0030	<0.0001	<0.002				0.12	0.06	32.20
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0016	<0.0001	<0.002				0.04	0.05	-16.1
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0012	<0.0001	<0.002				0.0570	0.0480	8.57
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0014	<0.0001	<0.002				0.0580	0.0480	9.43
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0017	<0.0001	<0.002				0.0550	0.0520	2.80
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0008	<0.0001	<0.002				0.0150	0.0470	-51.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.000006	0.0014	0.0012	<0.00001	<0.000002	0.0003	0.0105	<0.0001	<0.002				0.0700	0.0600	7.69
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	0.0003	0.0008	<0.00001	<0.000002	0.0003	0.0014	<0.0001	<0.002				0.0350	0.0550	-22.20
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0012	<0.0001	<0.002				0.0450	0.0460	-1.1
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0009	<0.0001	<0.002				0.0340	0.0420	-10.50
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	319	05-Feb-19	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	320	12-Feb-19	500	465	6.27	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	321	19-Feb-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	322	26-Feb-19	500	450	6.21	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	323	05-Mar-19	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	324	12-Mar-19	500	460	6.15	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	325	19-Mar-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	326	26-Mar-19	500	460	6.16	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	327	02-Apr-19	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	328	09-Apr-19	500	455	6.12	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	329	16-Apr-19	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	330	23-Apr-19	500	475	6.18	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	331	30-Apr-19	500	500		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	332	07-May-19	500	460	6.26	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	333	14-May-19	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	334	21-May-19	500	475	6.13	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	335	28-May-19	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	336	04-Jun-19	500	460	6.14	8.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	337	11-Jun-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	338	18-Jun-19	500	450	6.16	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	339	25-Jun-19	500	445		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	340	02-Jul-19	500	475	6.12	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	341	09-Jul-19	500	450		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	342	16-Jul-19	500	480	6.16	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	343	23-Jul-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	344	30-Jul-19	500	470	6.34	9.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	345	06-Aug-19	500	450		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	346	13-Aug-19	500	485	6.30	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	347	20-Aug-19	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	348	27-Aug-19	500	470	6.33	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	349	03-Sep-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	350	10-Sep-19	500	460	6.39	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	351	17-Sep-19	500	455		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	352	24-Sep-19	500	480	6.26	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	353	01-Oct-19	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	354	08-Oct-19	500	470	6.29	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	355	15-Oct-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	356	22-Oct-19	500	460	6.31	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	357	29-Oct-19	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	358	05-Nov-19	500	455	6.29	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	359	12-Nov-19	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	360	19-Nov-19	500	470	6.22	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	361	26-Nov-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	362	03-Dec-19	500	470	6.29	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	363	10-Dec-19	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	364	17-Dec-19	500	470	6.35	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	365	24-Dec-19	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	366	31-Dec-19	500	455	6.17	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	367	07-Jan-20	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	368	14-Jan-20	500	475	6.29	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	369	21-Jan-20	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16																
BR03-8	HC-16	310	2.79	<0.5	<0.5	<0.5			<0.5					2.1	0.0009	<0.00002	0.00034
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	315	3.11	<0.5	0.80	<0.5			<0.5					2.0	0.0042	<0.00002	0.00039
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	320	1.44	<0.5	<0.5	<0.5			<0.5					2.3	0.0031	<0.00002	0.00043
BR03-8	HC-16																
BR03-8	HC-16	300	1.18	<0.5	<0.5	1.10			<0.5					1.7	0.0014	<0.00002	0.00046
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	310	1.33	<0.5	<0.5	0.7			<0.5					2.4	0.0030	<0.00002	0.00040
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	335	1.39	<0.5	<0.5	1.3			<0.5					2.0	0.0023	<0.00002	0.00039
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	315	1.69	<0.5	<0.5	<0.5			1.0					2.7	0.0044	<0.00002	0.00049
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	355	1.40	<0.5	<0.5	0.5			<0.5					2.5	0.0101	<0.00002	0.00053
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	410	1.31	<0.5	<0.5	<0.5			<0.5					2.1	0.0030	<0.00002	0.00050
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	410	1.25	<0.5	<0.5	<0.5			<0.5					2.0	0.0100	<0.00002	0.00051
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	330	1.13	<0.5	<0.5	<0.5			<0.5					2.1	0.0043	<0.00002	0.00054
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	370	1.28	<0.5	<0.5	<0.5			<0.5					2.0	0.0043	<0.00002	0.00048
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	360	1.28	<0.5	<0.5	<0.5			<0.5					2.1	0.0009	<0.00002	0.00031
BR03-8	HC-16																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16															
BR03-8	HC-16	0.00027	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.35	<0.0001	0.00108	0.00106	<0.00005	<0.001	<0.000005	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00028	<0.00001	<0.000005	<0.05	0.00006	0.000015	0.35	<0.0001	0.001180	0.00126	<0.00005	<0.001	0.000012	<0.0005	0.28
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00027	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.40	<0.0001	0.00118	0.00106	<0.00005	<0.001	<0.000005	<0.0005	0.31
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00022	<0.00001	<0.000005	<0.05	<0.00005	0.000005	0.29	<0.0001	0.00106	0.00106	<0.00005	<0.001	0.000011	<0.0005	0.23
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00045	<0.00001	<0.000005	<0.05	0.00006	0.000008	0.41	<0.0001	0.00142	0.00173	<0.00005	<0.001	0.000056	<0.0005	0.33
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00043	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.35	<0.0001	0.00125	0.00134	<0.00005	<0.001	<0.000005	<0.0005	0.28
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00039	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.45	<0.0001	0.00165	0.00128	<0.00005	<0.001	<0.000005	<0.0005	0.37
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00038	<0.00001	<0.000005	<0.05	0.00007	0.000006	0.44	<0.0001	0.00170	0.00134	<0.00005	<0.001	0.000012	<0.0005	0.34
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00028	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.36	<0.0001	0.00131	0.00111	<0.00005	<0.001	<0.000005	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00050	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.35	<0.0001	0.00133	0.00128	<0.00005	0.013	0.000050	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00033	<0.00001	<0.000005	<0.05	0.00007	0.000006	0.35	<0.0001	0.00129	0.00127	<0.00005	<0.001	0.000023	<0.0005	0.30
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00032	<0.00001	<0.000005	<0.05	0.00006	0.000005	0.33	<0.0001	0.00135	0.00132	<0.00005	<0.001	0.000008	<0.0005	0.28
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00029	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.38	<0.0001	0.00092	0.00089	<0.00005	<0.001	<0.000005	<0.0005	0.27
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16															
BR03-8	HC-16	0.00517	<0.00001	0.002	<0.00005	0.00049	0.12	0.00077	0.00006	0.4	<0.000005	0.05	0.00112	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00542	<0.00001	0.003	<0.00005	0.00055	0.12	0.00080	0.00006	0.5	<0.000005	0.05	0.00120	<10	<0.00002	0.000007
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00550	<0.00001	<0.002	<0.00005	0.00057	0.14	0.00092	0.00007	0.6	<0.000005	0.05	0.00138	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00494	<0.00001	<0.002	<0.00005	0.00057	0.12	0.00074	0.00005	0.4	<0.000005	<0.05	0.00103	<10	<0.00002	0.000003
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00699	<0.00001	<0.002	<0.00005	0.00070	0.14	0.00085	0.00007	0.4	<0.000005	0.05	0.00142	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00561	<0.00001	<0.002	<0.00005	0.00063	0.15	0.00084	0.00007	0.5	<0.000005	<0.05	0.00119	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00730	<0.00001	<0.002	<0.00005	0.00077	0.20	0.00102	0.00010	0.6	<0.000005	0.07	0.00159	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00754	<0.00001	<0.002	<0.00005	0.00089	0.23	0.00110	0.00008	0.6	<0.000005	0.06	0.00145	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00580	<0.00001	<0.002	<0.00005	0.00064	0.17	0.00088	0.00007	0.5	<0.000005	<0.05	0.00126	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00589	<0.00001	0.003	<0.00005	0.00065	0.17	0.00084	0.00008	0.5	<0.000005	0.06	0.00124	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00552	<0.00001	<0.002	<0.00005	0.00071	0.18	0.00100	0.00007	0.5	<0.000005	0.06	0.00116	<10	<0.00002	0.000006
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00558	<0.00001	0.003	<0.00005	0.00070	0.17	0.00087	0.00008	0.5	<0.000005	0.05	0.00120	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00148	<0.00001	0.012	<0.00005	0.00062	0.18	0.00095	0.00006	0.5	<0.000005	0.06	0.00115	<10	<0.00002	0.000006
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0007	<0.0001	0.002				0.0380	0.0470	-10.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000011	<0.0002	0.0007	<0.0001	<0.002				0.0420	0.0480	-6.67
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0007	<0.0001	<0.002				0.0390	0.0530	9.40
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0004	0.0007	<0.0001	<0.002				0.0600	0.0380	22.5
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0006	<0.00001	<0.000002	<0.0002	0.0013	<0.0001	<0.002				0.0204	0.057	-40.74
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0008	<0.0001	<0.002				0.0440	0.0460	-2.22
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0015	0.0010	<0.0001	<0.002				0.0270	0.0630	-40.0
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0009	<0.0001	0.005				0.011	0.06	-69
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0006	<0.0001	<0.002				0.0270	0.0470	-27.0
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0008	<0.0001	<0.002				0.0380	0.0500	-13.6
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0008	<0.0001	<0.002				0.0140	0.0510	-56.9
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0009	<0.0001	0.002				0.0110	0.0480	-62.7
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0007	<0.0001	0.003				0.0360	0.0500	-16.3
BR03-8	HC-16															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	370	28-Jan-20	500	470	6.46	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	371	04-Feb-20	500	460		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	372	11-Feb-20	500	460	6.64	7.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	373	18-Feb-20	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	374	25-Feb-20	500	465	6.53	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	375	03-Mar-20	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	376	10-Mar-20	500	470	6.31	7
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	377	17-Mar-20	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	378	24-Mar-20	500	475	6.51	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	379	31-Mar-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	380	07-Apr-20	500	475	6.13	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	381	14-Apr-20	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	382	21-Apr-20	500	470	6.40	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	383	28-Apr-20	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	384	05-May-20	500	480	6.35	6
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	385	12-May-20	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	386	19-May-20	500	490	6.23	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	387	26-May-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	388	02-Jun-20	500	475	6.23	5.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	389	09-Jun-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	390	16-Jun-20	500	470	6.33	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	391	23-Jun-20	500	475		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	392	30-Jun-20	500	475	6.31	5.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	393	07-Jul-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	394	14-Jul-20	500	475	6.43	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	395	21-Jul-20	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	396	28-Jul-20	500	465	6.26	5.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	397	04-Aug-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	398	11-Aug-20	500	465	6.34	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	399	18-Aug-20	500	490		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	400	25-Aug-20	500	465	6.30	5.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	401	01-Sep-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	402	08-Sep-20	500	465	6.34	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	403	15-Sep-20	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	404	22-Sep-20	500	485	6.32	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	405	29-Sep-20	500	465		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	406	06-Oct-20	500	465	6.40	
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	407	13-Oct-20	500	485		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	408	20-Oct-20	500	470	6.63	6.0
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	409	27-Oct-20	500	470		
BR03-8	HC-16	Umwelt	Gabbro	10GSE106	66.00	67.00	0.14	0.13	0.01	16.40	6.63	410	03-Nov-20	500	475	6.41	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	0	21-Jan-13	750	560	9.17	148
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	1	28-Jan-13	500	480	8.86	159

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	360	1.61	<0.5	<0.5	<0.5			<0.5					2.1	0.0025	<0.00002	0.00060
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	370	1.23	<0.5	<0.5	0.5			<0.5					2.0	0.0034	<0.00002	0.00058
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	340	1.07	<0.5	<0.5	0.8			<0.5					2.0	0.0097	<0.00002	0.00063
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	335	1.39	<0.5	<0.5	0.7			<0.5					1.9	0.0014	<0.00002	0.00058
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	335	1.26	<0.5	<0.5	<0.5			<0.5					1.9	0.0094	<0.00002	0.00061
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	340	1.45	<0.5	<0.5	<0.5			<0.5					2.0	0.0011	<0.00002	0.00049
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	345	1.64	<0.5	0.70	<0.5			<0.5					2.2	0.0009	<0.00002	0.00050
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	355	1.21	<0.5	<0.5	<0.5			0.7					1.5	0.0019	<0.00002	0.00055
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	365	3.6	<0.5	<0.5	<0.5			<0.5					1.7	0.0008	<0.00002	0.00050
BR03-8	HC-16																
BR03-8	HC-16																
BR03-8	HC-16	360	1.37	<0.5	<0.5	<0.5			<0.5					2.1	0.0024	<0.00002	0.00059
BR03-8	HC-16																
BR03-8	HC-16																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26	120	7.6	<0.5	<0.5	47.3	0.17	0.087	6.3	0.09	0.024			16.2	0.204	0.00016	0.00052
BR02-10	HC-26	120	17.1	<0.5	<0.5	48.6	0.16	0.023	3.9	0.07	<0.005			27.2	0.216	0.00034	0.00153

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00031	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.34	<0.0001	0.00131	0.00102	<0.00005	<0.001	0.000029	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00028	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.35	<0.0001	0.00123	0.00084	<0.00005	<0.001	0.000012	<0.0005	0.28
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00030	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.33	<0.0001	0.00135	0.00121	<0.00005	<0.001	0.000007	<0.0005	0.28
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00025	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.32	<0.0001	0.00119	0.00092	<0.00005	<0.001	0.000009	<0.0005	0.27
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00028	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.33	<0.0001	0.00106	0.00145	<0.00005	<0.001	0.000021	<0.0005	0.25
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00023	<0.00001	<0.000005	<0.05	0.00005	<0.000005	0.37	<0.0001	0.000982	0.00131	<0.00005	<0.001	<0.000005	<0.0005	0.26
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00025	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.40	<0.0001	0.00108	0.00131	<0.00005	<0.001	<0.000005	<0.0005	0.29
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00026	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.27	<0.0001	0.000885	0.00318	<0.00005	<0.001	0.000005	<0.0005	0.21
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00024	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.30	<0.0001	0.000400	0.00044	<0.00005	<0.001	<0.000005	<0.0005	0.24
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00033	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.37	<0.0001	0.000946	0.00072	<0.00005	<0.001	0.000007	<0.0005	0.28
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26	0.00118	<0.00001	<0.000005	0.15	0.00045	<0.000005	4.38	0.0002	0.000011	0.00074	<0.00005	0.015	0.000013	0.0047	1.29
BR02-10	HC-26	0.00192	<0.00001	<0.000005	0.23	0.00042	0.000005	6.91	<0.0001	0.000037	0.00150	<0.00005	0.032	0.000020	0.0079	2.42

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00609	<0.00001	0.006	<0.00005	0.00068	0.18	0.00092	0.00007	0.6	<0.000005	0.06	0.00124	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00575	<0.00001	0.006	<0.00005	0.00061	0.18	0.00095	0.00008	0.6	<0.000005	0.06	0.00113	<10	<0.00002	0.000003
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00576	<0.00001	0.006	<0.00005	0.00066	0.19	0.00095	0.00007	0.5	<0.000005	0.06	0.00115	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00468	<0.00001	0.005	<0.00005	0.00058	0.17	0.00093	0.00006	0.5	0.000005	0.06	0.00110	<10	0.00004	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00488	<0.00001	0.004	<0.00005	0.00068	0.20	0.00091	0.00007	0.5	<0.000005	0.08	0.00195	<10	0.00003	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00492	<0.00001	0.004	<0.00005	0.00056	0.15	0.00087	0.00006	0.5	<0.000005	<0.05	0.00093	<10	<0.00002	0.000005
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00530	<0.00001	0.003	<0.00005	0.00061	0.17	0.00089	0.00007	0.5	<0.000005	<0.05	0.00112	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00418	<0.00001	0.007	<0.00005	0.00064	0.15	0.00087	0.00008	0.4	<0.000005	0.05	0.00103	<10	<0.00002	0.000003
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00627	<0.00001	0.003	0.00006	0.00045	0.15	0.00078	0.00009	0.5	<0.000005	0.07	0.00098	<10	<0.00002	<0.000002
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.00441	<0.00001	0.004	<0.00005	0.00054	0.15	0.00079	0.00007	0.5	<0.000005	0.05	0.00093	<10	<0.00002	0.000004
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26	0.00094	<0.00001	0.016	0.00116	0.00023	13.00	0.01750	0.00058	2.2	<0.000005	15.30	0.0191	<10	<0.00002	0.000013
BR02-10	HC-26	0.00267	<0.00001	0.017	0.00752	0.00146	12.90	0.01890	0.00093	2.6	<0.000005	11.90	0.0302	<10	<0.00002	0.000019

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	0.000007	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0007	<0.0001	<0.002				0.0250	0.0500	-33.3
BR03-8	HC-16															
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0006	<0.0001	<0.002				0.0410	0.0490	-8.89
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	0.0007	<0.00001	<0.000002	0.0003	0.0007	0.0003	<0.002				0.0310	0.0500	-23.5
BR03-8	HC-16															
BR03-8	HC-16	0.000014	<0.0002	<0.0005	<0.00001	<0.000002	0.0003	0.0007	<0.0001	<0.002				0.0440	0.0450	-1.12
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	0.0003	0.0017	<0.0001	<0.002				0.0290	0.0480	-24.7
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0005	<0.0001	<0.002				0.0230	0.0440	-31.3
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0006	<0.0001	<0.002				0.0260	0.0500	-31.6
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	0.0002	0.0008	<0.0001	<0.002				0.0520	0.0380	15.6
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0010	<0.0001	<0.002				0.0550	0.0420	13.4
BR03-8	HC-16															
BR03-8	HC-16	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0005	<0.0001	<0.002				0.0280	0.0490	-27.3
BR03-8	HC-16															
BR03-8	HC-16															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26	0.000009	0.0001	0.0010	0.00240	<0.000002	0.0114	0.0003	<0.0001	<0.002				1.29	1.35	-2.16
BR02-10	HC-26	<0.000005	0.0002	0.0012	0.00318	0.000035	0.0132	0.0022	<0.0001	<0.002				1.45	1.42	0.98

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	2	04-Feb-13	500	475	8.72	141
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	3	11-Feb-13	500	490	8.67	120
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	4	18-Feb-13	500	450	8.55	122
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	5	25-Feb-13	500	475	8.57	105
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	6	04-Mar-13	500	475	8.58	99.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	7	11-Mar-13	500	470	8.60	101
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	8	18-Mar-13	500	465	8.61	98.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	9	25-Mar-13	500	480	8.61	99.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	10	01-Apr-13	500	475	8.46	103
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	11	08-Apr-13	500	480	8.49	100
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	12	15-Apr-13	500	450	8.41	99.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	13	22-Apr-13	500	485	8.40	89.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	14	29-Apr-13	500	485	8.34	91.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	15	06-May-13	500	465	8.36	96.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	16	13-May-13	500	465	8.49	87.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	17	20-May-13	500	475	8.04	86.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	18	27-May-13	500	490	8.33	86.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	19	03-Jun-13	500	485	8.32	89.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	20	10-Jun-13	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	21	17-Jun-13	500	490	8.34	76.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	22	24-Jun-13	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	23	01-Jul-13	500	455	8.22	89.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	24	08-Jul-13	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	25	15-Jul-13	500	465	8.31	87.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	26	22-Jul-13	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	27	29-Jul-13	500	465	8.29	81.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	28	05-Aug-13	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	29	12-Aug-13	500	495	8.32	80.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	30	19-Aug-13	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	31	26-Aug-13	500	460	8.07	91.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	32	02-Sep-13	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	33	09-Sep-13	500	475	8.36	72.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	34	16-Sep-13	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	35	23-Sep-13	500	465	7.95	77.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	36	30-Sep-13	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	37	07-Oct-13	500	485	7.99	69.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	38	14-Oct-13	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	39	21-Oct-13	500	480	7.97	76.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	40	28-Oct-13	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	41	04-Nov-13	500	465	7.94	77.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	42	11-Nov-13	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	43	18-Nov-13	500	465	7.73	77.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	44	25-Nov-13	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	45	02-Dec-13	500	470	8.19	88.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	46	09-Dec-13	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	47	16-Dec-13	500	460	8.06	87.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	48	23-Dec-13	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	49	30-Dec-13	500	450	8.00	80.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	50	06-Jan-14	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	51	13-Jan-14	500	460	8.13	78.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	52	20-Jan-14	500	460		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26	120	16.6	<0.5	<0.5	41.4	0.09	<0.01	0.5	0.04	<0.005			30.8	0.235	0.00021	0.00195
BR02-10	HC-26	120	17.8	<0.5	<0.5	38.6	0.07	<0.01	0.6	<0.02	<0.005			35.2	0.229	0.00017	0.00230
BR02-10	HC-26	115	14.5	<0.5	<0.5	41.0	0.07	<0.01	0.5	<0.02	<0.005			36.8	0.222	0.00015	0.00225
BR02-10	HC-26	135	11.1	<0.5	<0.5	36.3	0.05	<0.01	<0.5					34.1	0.231	0.00013	0.00270
BR02-10	HC-26	160	11.2	<0.5	<0.5	36.4	<0.05	<0.01	0.8					35.1	0.233	0.00012	0.00284
BR02-10	HC-26	140	11.1	<0.5	<0.5	36.5	<0.05	<0.01	0.7					35.0	0.225	0.00012	0.00382
BR02-10	HC-26	130	9.7	<0.5	<0.5	34.6	<0.05	<0.01	0.6					37.0	0.236	0.00010	0.00325
BR02-10	HC-26	130	8.9	<0.5	<0.5	34.1	<0.05	<0.01	<0.5					34.9	0.212	0.00009	0.00356
BR02-10	HC-26	120	9.1	<0.5	<0.5	40.3	<0.05	<0.01	0.8					37.8	0.212	0.00009	0.00436
BR02-10	HC-26	140	9.0	<0.5	<0.5	41.7	<0.05	<0.01	<0.5					40.5	0.225	0.00008	0.00515
BR02-10	HC-26	160	7.7	<0.5	<0.5	43.1	<0.05	<0.01	0.7					42.1	0.234	0.00008	0.00643
BR02-10	HC-26	160	6.8	<0.5	<0.5	35.3	<0.05	<0.01	<0.5					34.6	0.223	0.00007	0.00536
BR02-10	HC-26	145	7.8	<0.5	<0.5	39.9	<0.05	<0.01	0.6					34.9	0.233	0.00006	0.00602
BR02-10	HC-26	135	8.8	<0.5	<0.5	37.8	<0.05	<0.01	<0.5					36.8	0.231	0.00006	0.00693
BR02-10	HC-26	150	9.7	<0.5	<0.5	35.1	<0.05	<0.01	0.8					36.0	0.276	0.00004	0.00647
BR02-10	HC-26	140	8.9	<0.5	<0.5	33.1	<0.05	<0.01	<0.5					32.5	0.197	0.00004	0.00619
BR02-10	HC-26	140	7.9	<0.5	<0.5	34.3	<0.05	<0.01	<0.5					33.9	0.255	0.00005	0.00894
BR02-10	HC-26	150	7.4	<0.5	<0.5	36.6	<0.05	<0.01	<0.5					36.2	0.227	0.00004	0.00819
BR02-10	HC-26																
BR02-10	HC-26	130	6.5	<0.5	<0.5	31.0	<0.05	<0.01	<0.5					30.8	0.214	0.00004	0.00678
BR02-10	HC-26																
BR02-10	HC-26	130	6.9	<0.5	<0.5	35.8	<0.05	<0.01	0.6					35.8	0.258	0.00004	0.00982
BR02-10	HC-26																
BR02-10	HC-26	140	6.6	<0.5	<0.5	38.3	<0.05	<0.01	0.7					35.6	0.293	0.00003	0.00953
BR02-10	HC-26																
BR02-10	HC-26	130	5.6	<0.5	<0.5	34.5	<0.05	<0.01	<0.5					33.9	0.271	0.00003	0.00866
BR02-10	HC-26																
BR02-10	HC-26	120	4.6	<0.5	<0.5	33.3	<0.05	<0.01	<0.5					32.2	0.305	0.00003	0.0119
BR02-10	HC-26																
BR02-10	HC-26	120	7.1	<0.5	<0.5	40.3	<0.05	<0.01	<0.5					38.4	0.276	0.00003	0.0131
BR02-10	HC-26																
BR02-10	HC-26	150	4.8	<0.5	<0.5	30.8	<0.05	<0.01	<0.5					30.6	0.301	0.00003	0.0115
BR02-10	HC-26																
BR02-10	HC-26	140	5.4	<0.5	<0.5	31.5	<0.05	<0.01	0.6					32.2	0.243	<0.00002	0.0106
BR02-10	HC-26																
BR02-10	HC-26	130	5.8	<0.5	<0.5	29.0	<0.05	<0.01	<0.5					31.0	0.250	0.00002	0.00944
BR02-10	HC-26																
BR02-10	HC-26	130	5.6	<0.5	<0.5	33.7	<0.05	<0.01	<0.5					33.8	0.286	0.00002	0.0116
BR02-10	HC-26																
BR02-10	HC-26	125	6.8	<0.5	<0.5	34.2	<0.05	<0.01	<0.5					35.0	0.263	<0.00002	0.0133
BR02-10	HC-26																
BR02-10	HC-26	135	6.4	<0.5	<0.5	33.3	<0.05	<0.01	<0.5					34.3	0.302	<0.00002	0.0155
BR02-10	HC-26																
BR02-10	HC-26	140	8.3	<0.5	<0.5	36.6	<0.05	<0.01	<0.5					37.5	0.279	0.00002	0.0172
BR02-10	HC-26																
BR02-10	HC-26	130	6.2	<0.5	<0.5	36.3	<0.05	<0.01	0.8					37.5	0.282	0.00002	0.0155
BR02-10	HC-26																
BR02-10	HC-26	130	7.0	<0.5	1.0	34.4	<0.05	<0.01	<0.5					34.1	0.265	<0.00002	0.0164
BR02-10	HC-26																
BR02-10	HC-26	120	5.3	<0.5	<0.5	33.8	<0.05	<0.01	<0.5					33.5	0.254	<0.00002	0.0152
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26	0.00209	<0.00001	0.000005	0.12	0.00032	<0.000005	7.92	0.0002	0.000039	0.00046	<0.00005	0.036	0.000018	0.0077	2.68
BR02-10	HC-26	0.00194	<0.00001	<0.000005	0.10	0.00034	<0.000005	8.72	<0.0001	0.000051	0.00019	<0.00005	0.036	0.000011	0.0085	3.26
BR02-10	HC-26	0.00218	<0.00001	<0.000005	0.08	0.00033	<0.000005	9.11	0.0002	0.000056	0.00028	<0.00005	0.048	0.000020	0.0090	3.41
BR02-10	HC-26	0.00194	<0.00001	<0.000005	0.05	0.00029	<0.000005	8.45	0.0002	0.000051	0.00034	<0.00005	0.041	0.000010	0.0080	3.15
BR02-10	HC-26	0.00203	<0.00001	0.000007	<0.05	0.00028	<0.000005	8.70	0.0002	0.000054	0.00074	<0.00005	0.055	0.000037	0.0087	3.24
BR02-10	HC-26	0.00189	<0.00001	<0.000005	<0.05	0.00027	<0.000005	8.80	0.0002	0.000051	0.00054	<0.00005	0.031	0.000010	0.0083	3.15
BR02-10	HC-26	0.00210	<0.00001	<0.000005	<0.05	0.00027	<0.000005	9.82	0.0005	0.000094	0.00097	<0.00005	0.168	0.000116	0.0082	3.03
BR02-10	HC-26	0.00175	<0.00001	<0.000005	<0.05	0.00027	0.001600	9.21	0.0002	0.000061	0.00065	<0.00005	0.037	0.000048	0.0078	2.89
BR02-10	HC-26	0.00186	<0.00001	<0.000005	<0.05	0.00030	<0.000005	9.75	0.0001	0.000075	0.00082	<0.00005	0.040	0.000025	0.0094	3.27
BR02-10	HC-26	0.00191	<0.00001	<0.000005	<0.05	0.00033	<0.000005	10.9	0.0001	0.000092	0.00059	<0.00005	0.058	0.000024	0.0090	3.24
BR02-10	HC-26	0.00197	<0.00001	<0.000005	<0.05	0.00033	<0.000005	11.5	<0.0001	0.000087	0.00083	<0.00005	0.042	0.000017	0.0094	3.25
BR02-10	HC-26	0.00173	<0.00001	<0.000005	<0.05	0.00029	<0.000005	9.55	0.0001	0.000074	0.00049	<0.00005	0.047	0.000018	0.0077	2.60
BR02-10	HC-26	0.00175	<0.00001	<0.000005	<0.05	0.00027	<0.000005	9.87	<0.0001	0.000074	0.00056	<0.00005	0.049	0.000016	0.0081	2.49
BR02-10	HC-26	0.00181	<0.00001	<0.000005	<0.05	0.00034	<0.000005	10.4	<0.0001	0.000091	0.00046	<0.00005	0.047	0.000015	0.0089	2.62
BR02-10	HC-26	0.00193	<0.00001	<0.000005	<0.05	0.00032	<0.000005	10.3	0.0002	0.000142	0.00094	<0.00005	0.141	0.000024	0.0084	2.48
BR02-10	HC-26	0.00160	<0.00001	<0.000005	<0.05	0.00029	<0.000005	9.49	0.0001	0.000072	0.00039	<0.00005	0.033	0.000020	0.0081	2.14
BR02-10	HC-26	0.00160	<0.00001	<0.000005	<0.05	0.00034	<0.000005	9.98	0.0001	0.000089	0.00050	<0.00005	0.040	0.000014	0.0081	2.18
BR02-10	HC-26	0.00154	<0.00001	<0.000005	<0.05	0.00036	<0.000005	11.0	<0.0001	0.000081	0.00054	<0.00005	0.035	0.000011	0.0080	2.14
BR02-10	HC-26															
BR02-10	HC-26	0.00143	<0.00001	<0.000005	<0.05	0.00026	<0.000005	9.45	0.0003	0.000072	0.00048	<0.00005	0.040	0.000012	0.0064	1.74
BR02-10	HC-26															
BR02-10	HC-26	0.00145	<0.00001	<0.000005	<0.05	0.00034	<0.000005	10.9	0.0003	0.000089	0.00052	<0.00005	0.033	0.000009	0.0079	2.06
BR02-10	HC-26															
BR02-10	HC-26	0.00158	<0.00001	<0.000005	<0.05	0.00031	<0.000005	11.1	0.0002	0.000118	0.00079	<0.00005	0.090	0.000028	0.0078	1.92
BR02-10	HC-26															
BR02-10	HC-26	0.00149	<0.00001	<0.000005	<0.05	0.00030	<0.000005	10.8	0.0002	0.000077	0.00049	<0.00005	0.043	0.000015	0.0074	1.65
BR02-10	HC-26															
BR02-10	HC-26	0.00131	<0.00001	<0.000005	<0.05	0.00028	<0.000005	10.3	<0.0001	0.000091	0.00064	<0.00005	0.052	0.000013	0.0068	1.54
BR02-10	HC-26															
BR02-10	HC-26	0.00465	<0.00001	<0.000005	<0.05	0.00030	<0.000005	12.6	<0.0001	0.000088	0.00059	<0.00005	0.030	0.000007	0.0071	1.70
BR02-10	HC-26															
BR02-10	HC-26	0.00119	<0.00001	<0.000005	<0.05	0.00027	<0.000005	10.2	<0.0001	0.000078	0.00064	<0.00005	0.041	0.000012	0.0057	1.25
BR02-10	HC-26															
BR02-10	HC-26	0.00130	<0.00001	<0.000005	<0.05	0.00028	<0.000005	10.7	<0.0001	0.000085	0.00058	<0.00005	0.032	0.000013	0.0063	1.34
BR02-10	HC-26															
BR02-10	HC-26	0.00134	<0.00001	<0.000005	<0.05	0.00029	<0.000005	10.4	<0.0001	0.000086	0.00053	<0.00005	0.040	0.000011	0.0057	1.23
BR02-10	HC-26															
BR02-10	HC-26	0.00127	<0.00001	<0.000005	<0.05	0.00029	<0.000005	11.4	<0.0001	0.000096	0.00069	<0.00005	0.039	0.000014	0.0063	1.31
BR02-10	HC-26															
BR02-10	HC-26	0.00125	<0.00001	<0.000005	<0.05	0.00027	<0.000005	11.8	<0.0001	0.000099	0.00059	<0.00005	0.033	0.000008	0.0060	1.35
BR02-10	HC-26															
BR02-10	HC-26	0.00134	<0.00001	<0.000005	<0.05	0.00029	<0.000005	11.9	<0.0001	0.000118	0.00071	<0.00005	0.058	0.000019	0.0065	1.11
BR02-10	HC-26															
BR02-10	HC-26	0.00130	<0.00001	<0.000005	<0.05	0.00031	<0.000005	12.8	<0.0001	0.000156	0.00068	<0.00005	0.034	0.000013	0.0065	1.34
BR02-10	HC-26															
BR02-10	HC-26	0.00140	<0.00001	<0.000005	<0.05	0.00028	<0.000005	12.9	<0.0001	0.000121	0.00062	<0.00005	0.037	0.000012	0.0060	1.27
BR02-10	HC-26															
BR02-10	HC-26	0.00118	<0.00001	<0.000005	<0.05	0.00026	<0.000005	11.8	<0.0001	0.000098	0.00058	<0.00005	0.033	0.000009	0.0058	1.09
BR02-10	HC-26															
BR02-10	HC-26	0.00125	<0.00001	<0.000005	<0.05	0.00026	<0.000005	11.7	<0.0001	0.000096	0.00054	<0.00005	0.033	0.000011	0.0058	1.04
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26	0.00335	0.00001	0.014	0.00252	0.00016	10.30	0.01590	0.00075	2.3	<0.000005	6.54	0.0316	<10	<0.00002	0.000017
BR02-10	HC-26	0.00438	<0.00001	0.010	0.00145	0.00020	9.51	0.01490	0.00089	2.1	<0.000005	4.60	0.0344	<10	<0.00002	0.000014
BR02-10	HC-26	0.00458	0.00001	0.019	0.00081	0.00023	8.37	0.01400	0.00094	2.3	<0.000005	3.41	0.0348	<10	<0.00002	0.000014
BR02-10	HC-26	0.00455	<0.00001	0.009	0.00066	0.00019	7.24	0.01250	0.00065	1.9	<0.000005	2.32	0.0322	<10	<0.00002	0.000012
BR02-10	HC-26	0.00507	<0.00001	0.016	0.00050	0.00022	6.79	0.01250	0.00078	1.8	<0.000005	1.92	0.0332	<10	<0.00002	0.000014
BR02-10	HC-26	0.00478	<0.00001	0.015	0.00039	0.00015	6.05	0.01120	0.00073	1.9	<0.000005	1.56	0.0327	<10	<0.00002	0.000014
BR02-10	HC-26	0.00636	<0.00001	0.004	0.00033	0.00042	5.47	0.01060	0.00070	2.0	<0.000005	1.27	0.0312	<10	<0.00002	0.000012
BR02-10	HC-26	0.00508	<0.00001	0.009	0.00027	0.00015	5.35	0.01030	0.00058	1.8	<0.000005	1.15	0.0293	<10	<0.00002	0.000010
BR02-10	HC-26	0.00540	<0.00001	0.005	0.00048	0.00018	5.64	0.01080	0.00063	2.0	<0.000005	1.19	0.0328	<10	<0.00002	0.000011
BR02-10	HC-26	0.00594	<0.00001	0.002	0.00026	0.00019	5.59	0.01150	0.00065	2.2	<0.000005	1.03	0.0332	<10	<0.00002	0.000014
BR02-10	HC-26	0.00561	<0.00001	0.004	0.00028	0.00016	5.75	0.01230	0.00060	2.4	<0.000005	0.93	0.0346	<10	<0.00002	0.000011
BR02-10	HC-26	0.00551	<0.00001	<0.002	0.00026	0.00019	4.63	0.01030	0.00048	1.7	<0.000005	0.71	0.0277	<10	<0.00002	0.000011
BR02-10	HC-26	0.00511	<0.00001	<0.002	0.00028	0.00021	4.56	0.00995	0.00053	1.9	<0.000005	0.71	0.0290	<10	<0.00002	0.000010
BR02-10	HC-26	0.00546	<0.00001	0.003	0.00024	0.00021	4.65	0.01080	0.00059	1.9	<0.000005	0.69	0.0306	<10	<0.00002	0.000011
BR02-10	HC-26	0.00686	<0.00001	0.002	0.00022	0.00025	4.39	0.01040	0.00048	2.0	<0.000005	0.61	0.0280	<10	<0.00002	0.000013
BR02-10	HC-26	0.00551	<0.00001	<0.002	0.00023	0.00021	3.98	0.01010	0.00042	1.6	<0.000005	0.53	0.0246	<10	<0.00002	0.000010
BR02-10	HC-26	0.00493	<0.00001	0.002	0.00022	0.00030	4.16	0.01030	0.00044	2.0	<0.000005	0.55	0.0254	<10	<0.00002	0.000013
BR02-10	HC-26	0.00465	<0.00001	<0.002	0.00018	0.00036	3.90	0.00967	0.00043	2.0	<0.000005	0.51	0.0254	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00484	<0.00001	0.021	0.00022	0.00017	3.16	0.00849	0.00033	1.6	<0.000005	0.43	0.0202	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00482	<0.00001	<0.002	0.00025	0.00023	3.96	0.01090	0.00049	2.0	<0.000005	0.48	0.0251	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00534	<0.00001	0.007	0.00020	0.00046	3.50	0.00938	0.00047	2.1	<0.000005	0.42	0.0234	<10	<0.00002	0.000011
BR02-10	HC-26															
BR02-10	HC-26	0.00486	<0.00001	0.002	0.00018	0.00017	3.28	0.00955	0.00038	1.8	<0.000005	0.39	0.0218	<10	<0.00002	0.000013
BR02-10	HC-26															
BR02-10	HC-26	0.00428	<0.00001	0.003	0.00018	0.00068	3.22	0.00931	0.00034	2.0	<0.000005	0.35	0.0210	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00475	<0.00001	<0.002	0.00018	0.00014	3.45	0.01060	0.00038	2.2	<0.000005	0.38	0.0263	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00396	<0.00001	0.011	0.00014	0.00023	2.75	0.00888	0.00036	1.7	<0.000005	0.31	0.0178	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00462	<0.00001	0.006	0.00016	0.00015	2.69	0.00873	0.00030	1.8	<0.000005	0.31	0.0188	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00467	<0.00001	0.003	0.00024	0.00035	2.77	0.00895	0.00026	1.6	<0.000005	0.27	0.0173	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26	0.00535	<0.00001	0.005	0.00016	0.00028	2.94	0.00947	0.00032	1.8	<0.000005	0.31	0.0184	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00455	<0.00001	0.003	0.00015	0.00017	2.74	0.00876	0.00034	1.8	<0.000005	0.33	0.0185	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00464	<0.00001	0.012	0.00016	0.00044	2.61	0.00905	0.00043	2.0	<0.000005	0.27	0.0177	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00485	<0.00001	0.010	0.00015	0.00016	2.86	0.01010	0.00033	2.1	<0.000005	0.31	0.0183	<10	<0.00002	0.000011
BR02-10	HC-26															
BR02-10	HC-26	0.00617	<0.00001	0.007	0.00016	0.00017	2.70	0.01000	0.00030	2.0	<0.000005	0.30	0.0192	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00511	<0.00001	0.006	0.00020	0.00025	2.65	0.00875	0.00030	1.9	<0.000005	0.28	0.0165	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00508	<0.00001	0.019	0.00017	0.00021	2.45	0.00843	0.00028	1.7	<0.000005	0.27	0.0158	<10	<0.00002	0.000009
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26	<0.000005	0.0001	0.0017	0.00121	0.000067	0.0100	0.0003	<0.0001	<0.002				1.20	1.19	0.13
BR02-10	HC-26	<0.000005	0.0000	0.0017	0.00073	0.000075	0.0094	0.0004	<0.0001	<0.002				1.17	1.17	-0.30
BR02-10	HC-26	<0.000005	0.0001	0.0012	0.00039	0.000080	0.0084	0.0002	<0.0001	<0.002				1.14	1.12	0.71
BR02-10	HC-26	<0.000005	0.0002	0.0019	0.00041	0.000059	0.0084	0.0002	0.0001	<0.002				0.96	0.99	-1.74
BR02-10	HC-26	<0.000005	0.0002	0.0017	0.00029	0.000105	0.0083	0.0005	0.0001	<0.002				0.98	0.99	-0.15
BR02-10	HC-26	<0.000005	0.0001	0.0011	0.00030	0.000060	0.0093	0.0002	<0.0001	<0.002				0.98	0.95	1.71
BR02-10	HC-26	<0.000005	0.0002	0.0029	0.00031	0.000055	0.0073	0.0014	<0.0001	0.004				0.91	0.97	-2.98
BR02-10	HC-26	<0.000005	0.0003	0.0015	0.00022	0.000068	0.0070	0.0027	<0.0001	0.006				0.87	0.91	-2.42
BR02-10	HC-26	<0.000005	0.0002	0.0012	0.00017	0.000072	0.0087	0.0007	0.0001	<0.002				1.02	0.98	1.96
BR02-10	HC-26	<0.000005	0.0001	0.0026	0.00025	0.000054	0.0085	0.0003	<0.0001	<0.002				1.02	1.03	-0.15
BR02-10	HC-26	<0.000005	0.0002	0.0016	0.00024	0.000053	0.0097	0.0003	<0.0001	<0.002				1.04	1.06	-0.76
BR02-10	HC-26	<0.000005	0.0000	0.0022	0.00021	0.000049	0.0073	0.0002	<0.0001	<0.002				0.85	0.87	-1.17
BR02-10	HC-26	<0.000005	<0.00001	0.0021	0.00025	0.000065	0.0081	0.0004	0.0001	<0.002				0.98	0.87	5.67
BR02-10	HC-26	<0.000005	<0.00001	0.0031	0.00016	0.000053	0.0091	0.0002	<0.0001	<0.002				0.94	0.91	1.40
BR02-10	HC-26	<0.000005	<0.00001	0.0071	0.00031	0.000065	0.0078	0.0003	0.0001	<0.002				0.93	0.89	1.81
BR02-10	HC-26	<0.000005	<0.0002	0.0023	0.00012	0.000056	0.0074	0.0002	<0.0001	<0.002				0.85	0.80	2.98
BR02-10	HC-26	<0.000005	<0.0002	0.0011	0.00048	0.000048	0.0094	0.0003	<0.0001	<0.002				0.85	0.84	0.83
BR02-10	HC-26	<0.000005	<0.0002	0.0014	0.00013	0.000052	0.0090	0.0003	<0.0001	<0.002				0.89	0.87	0.80
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	0.0015	0.0020	0.00011	0.000044	0.0073	0.0003	<0.0001	<0.002				0.76	0.74	1.00
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	0.0012	0.0014	0.00025	0.000042	0.0090	0.0003	<0.0001	<0.002				0.88	0.87	0.57
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	0.0002	0.0039	0.00014	0.000050	0.0087	0.0006	0.0001	<0.002				0.92	0.86	3.77
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0022	0.00005	0.000040	0.0073	0.0002	<0.0001	<0.002				0.81	0.81	-0.12
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0026	0.00009	0.000034	0.0093	0.0002	<0.0001	<0.002				0.76	0.78	-0.98
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0018	0.00009	0.000045	0.0097	0.0005	<0.0001	<0.002				0.96	0.90	2.74
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0021	0.00007	0.000029	0.0084	0.0002	<0.0001	<0.002				0.72	0.73	-0.97
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	0.0004	0.0014	0.00008	0.000030	0.0069	0.0004	<0.0001	<0.002				0.76	0.76	0.33
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0014	0.00004	0.000021	0.0059	0.0006	<0.0001	<0.002				0.70	0.73	-2.17
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0018	0.00008	0.000024	0.0071	0.0002	<0.0001	<0.002				0.79	0.80	-0.38
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00005	0.000023	0.0071	0.0002	<0.0001	<0.002				0.83	0.82	0.67
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0028	0.00006	0.000027	0.0071	0.0005	<0.0001	<0.002				0.80	0.80	0.00
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0014	0.00005	0.000025	0.0080	0.0005	<0.0001	<0.002				0.91	0.87	2.14
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0020	0.00004	0.000023	0.0075	0.0002	<0.0001	<0.002				0.88	0.86	0.69
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0013	0.00005	0.000020	0.0068	0.0003	<0.0001	<0.002				0.83	0.79	2.65
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00004	0.000017	0.0064	0.0003	<0.0001	<0.002				0.79	0.77	0.83
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	53	27-Jan-14	500	485	7.97	80.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	54	03-Feb-14	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	55	10-Feb-14	500	475	8.02	76.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	56	17-Feb-14	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	57	24-Feb-14	500	460	7.95	72.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	58	03-Mar-14	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	59	10-Mar-14	500	450	7.97	84.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	60	17-Mar-14	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	61	24-Mar-14	500	460	7.96	74.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	62	31-Mar-14	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	63	07-Apr-14	500	460	7.94	69.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	64	14-Apr-14	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	65	21-Apr-14	500	495	7.81	63.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	66	28-Apr-14	500	445		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	67	05-May-14	500	480	7.88	65.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	68	12-May-14	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	69	19-May-14	500	465	8.12	71.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	70	26-May-14	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	71	02-Jun-14	500	480	8.02	70.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	72	09-Jun-14	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	73	16-Jun-14	500	465	8.06	72.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	74	23-Jun-14	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	75	30-Jun-14	500	475	7.98	72.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	76	07-Jul-14	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	77	14-Jul-14	500	475	8.04	70.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	78	21-Jul-14	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	79	28-Jul-14	500	475	8.03	74.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	80	04-Aug-14	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	81	11-Aug-14	500	460	7.92	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	82	18-Aug-14	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	83	25-Aug-14	500	475	7.87	78.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	84	01-Sep-14	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	85	08-Sep-14	500	480	8.07	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	86	15-Sep-14	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	87	22-Sep-14	500	465	8.00	75.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	88	29-Sep-14	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	89	06-Oct-14	500	480	8.04	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	90	13-Oct-14	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	91	20-Oct-14	500	495	7.96	59.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	92	27-Oct-14	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	93	03-Nov-14	500	470	7.96	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	94	10-Nov-14	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	95	17-Nov-14	500	490	7.90	65.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	96	24-Nov-14	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	97	01-Dec-14	500	485	8.06	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	98	08-Dec-14	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	99	15-Dec-14	500	460	7.88	61.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	100	22-Dec-14	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	101	29-Dec-14	500	465	7.63	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	102	05-Jan-15	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	103	12-Jan-15	500	480	7.96	57.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26	120	6.1	<0.5	<0.5	34.9	<0.05	<0.01	<0.5					34.4	0.285	0.00002	0.0165
BR02-10	HC-26																
BR02-10	HC-26	130	6.6	<0.5	<0.5	31.0	<0.05	<0.01	<0.5					32.0	0.246	<0.00002	0.0137
BR02-10	HC-26																
BR02-10	HC-26	150	8.4	<0.5	<0.5	28.9	<0.05	<0.01	<0.5					31.6	0.259	<0.00002	0.0134
BR02-10	HC-26																
BR02-10	HC-26	140	6.7	<0.5	<0.5	34.8	<0.05	<0.01	<0.5					36.1	0.260	<0.00002	0.0167
BR02-10	HC-26																
BR02-10	HC-26	135	6.6	<0.5	<0.5	30.0	<0.05	<0.01	<0.5					31.3	0.277	<0.00002	0.0144
BR02-10	HC-26																
BR02-10	HC-26	130	6.3	<0.5	<0.5	27.4	<0.05	<0.01	<0.5					28.1	0.283	<0.00002	0.0167
BR02-10	HC-26																
BR02-10	HC-26	125	5.5	<0.5	<0.5	26.4	<0.05	<0.01	<0.5					25.9	0.328	<0.00002	0.0193
BR02-10	HC-26																
BR02-10	HC-26	130	5.2	<0.5	<0.5	26.4	<0.05	<0.01	<0.5					27.9	0.279	<0.00002	0.0146
BR02-10	HC-26																
BR02-10	HC-26	120	6.5	<0.5	<0.5	29.3	<0.05	<0.01	<0.5					30.0	0.301	<0.00002	0.0162
BR02-10	HC-26																
BR02-10	HC-26	120	4.9	<0.5	<0.5	28.9	<0.05	<0.01	<0.5					29.5	0.322	<0.00002	0.0189
BR02-10	HC-26																
BR02-10	HC-26	125	4.7	<0.5	<0.5	29.8	<0.05	<0.01	<0.5					30.8	0.286	<0.00002	0.0184
BR02-10	HC-26																
BR02-10	HC-26	125	3.9	<0.5	<0.5	29.9	<0.05	<0.01	1.0					33.0	0.290	<0.00002	0.0186
BR02-10	HC-26																
BR02-10	HC-26	110	5.1	<0.5	<0.5	30.0	<0.05	<0.01	0.8					33.2	0.320	0.00006	0.0174
BR02-10	HC-26																
BR02-10	HC-26	120	4.9	<0.5	<0.5	30.4	<0.05	<0.01	0.8					32.1	0.290	<0.00002	0.0159
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	110	5.1	<0.5	<0.5	31.2			0.5					31.5	0.305	<0.00002	0.0182
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	135	5.4	<0.5	<0.5	30.2			0.6					34.1	0.354	<0.00002	0.0162
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	3.3	<0.5	<0.5	26.1			<0.5					25.4	0.330	<0.00002	0.0165
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	130	4.3	<0.5	<0.5	30.0			<0.5					28.1	0.273	<0.00002	0.0123
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	125	4.5	<0.5	<0.5	25.1			<0.5					26.7	0.246	<0.00002	0.0116
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	130	5.4	<0.5	0.9	25.6			<0.5					26.3	0.323	<0.00002	0.0153

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26	0.00130	<0.00001	<0.000005	<0.05	0.00027	<0.000005	12.1	<0.0001	0.000096	0.00048	<0.00005	0.027	0.000007	0.0053	1.00
BR02-10	HC-26															
BR02-10	HC-26	0.00138	<0.00001	<0.000005	<0.05	0.00026	<0.000005	11.3	<0.0001	0.000101	0.00064	<0.00005	0.042	0.000012	0.0045	0.93
BR02-10	HC-26															
BR02-10	HC-26	0.00126	<0.00001	<0.000005	<0.05	0.00026	<0.000005	11.2	<0.0001	0.000097	0.00063	<0.00005	0.045	0.000010	0.0048	0.88
BR02-10	HC-26															
BR02-10	HC-26	0.00233	<0.00001	<0.000005	<0.05	0.00029	<0.000005	12.8	<0.0001	0.000095	0.00049	<0.00005	0.027	0.000037	0.0057	0.99
BR02-10	HC-26															
BR02-10	HC-26	0.00136	<0.00001	<0.000005	<0.05	0.00028	<0.000005	11.2	<0.0001	0.000100	0.00058	<0.00005	0.038	0.000011	0.0048	0.80
BR02-10	HC-26															
BR02-10	HC-26	0.00106	<0.00001	<0.000005	<0.05	0.00023	0.000005	10.2	<0.0001	0.000064	0.00040	<0.00005	0.018	0.000007	0.0040	0.67
BR02-10	HC-26															
BR02-10	HC-26	0.00094	<0.00001	<0.000005	<0.05	0.00022	<0.000005	9.4	<0.0001	0.000066	0.00049	<0.00005	0.023	0.000007	0.0036	0.59
BR02-10	HC-26															
BR02-10	HC-26	0.00122	<0.00001	<0.000005	<0.05	0.00024	<0.000005	10.1	<0.0001	0.000104	0.00066	<0.00005	0.035	0.000011	0.0036	0.64
BR02-10	HC-26															
BR02-10	HC-26	0.00108	<0.00001	<0.000005	<0.05	0.00027	<0.000005	10.9	<0.0001	0.000091	0.00063	<0.00005	0.034	0.000012	0.0043	0.71
BR02-10	HC-26															
BR02-10	HC-26	0.00098	<0.00001	<0.000005	<0.05	0.00025	0.000005	10.7	<0.0001	0.000082	0.00050	<0.00005	0.023	0.000007	0.0042	0.68
BR02-10	HC-26															
BR02-10	HC-26	0.00097	<0.00001	<0.000005	<0.05	0.00024	<0.000005	11.2	<0.0001	0.000091	0.00045	<0.00005	0.021	0.000008	0.0040	0.66
BR02-10	HC-26															
BR02-10	HC-26	0.00098	<0.00001	<0.000005	<0.05	0.00025	<0.000005	12.0	<0.0001	0.000081	0.00050	<0.00005	0.023	0.000005	0.0041	0.72
BR02-10	HC-26															
BR02-10	HC-26	0.00105	<0.00001	<0.000005	<0.05	0.00027	0.000017	12.1	0.0001	0.000107	0.00051	<0.00005	0.051	0.000006	0.0040	0.72
BR02-10	HC-26															
BR02-10	HC-26	0.00103	<0.00001	<0.000005	<0.05	0.00025	<0.000005	11.7	<0.0001	0.000079	0.00038	<0.00005	0.015	0.000006	0.0042	0.70
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00111	<0.00001	<0.000005	<0.05	0.00024	<0.000005	11.4	<0.0001	0.000109	0.00068	<0.00005	0.041	0.000009	0.0042	0.72
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00121	<0.00001	<0.000005	<0.05	0.00023	<0.000005	12.5	<0.0001	0.000145	0.00094	<0.00005	0.076	0.000021	0.0040	0.72
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00094	<0.00001	<0.000005	<0.05	0.00020	<0.000005	9.40	<0.0001	0.000078	0.00040	<0.00005	0.023	0.000007	0.0029	0.47
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00109	<0.00001	<0.000005	<0.05	0.00023	<0.000005	10.4	<0.0001	0.000100	0.00050	<0.00005	0.043	0.000014	0.0031	0.52
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00103	<0.00001	<0.000005	<0.05	0.00021	<0.000005	9.83	<0.0001	0.000072	0.00035	<0.00005	0.014	0.000007	0.0034	0.53
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00092	<0.00001	<0.000005	<0.05	0.00021	<0.000005	9.73	<0.0001	0.000059	0.00029	<0.00005	0.014	<0.000005	0.0032	0.48

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26	0.00500	<0.00001	0.004	0.00015	0.00030	2.55	0.00911	0.00028	1.9	<0.000005	0.24	0.0158	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00571	<0.00001	0.007	0.00020	0.00028	2.13	0.00824	0.00026	1.5	<0.000005	0.22	0.0140	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00523	<0.00001	0.005	0.00019	0.00030	2.13	0.00825	0.00023	1.6	<0.000005	0.21	0.0128	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00514	<0.00001	0.005	0.00018	0.00016	2.31	0.00854	0.00026	1.9	<0.000005	0.24	0.0154	<10	<0.00002	0.000011
BR02-10	HC-26															
BR02-10	HC-26	0.00520	<0.00001	0.004	0.00017	0.00015	1.98	0.00819	0.00023	1.6	<0.000005	0.21	0.0132	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00361	<0.00001	<0.002	0.00021	0.00010	1.73	0.00721	0.00029	1.5	<0.000005	0.19	0.0113	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00334	<0.00001	0.004	0.00015	0.00019	1.59	0.00674	0.00036	1.5	<0.000005	0.20	0.0098	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.00486	<0.00001	0.002	0.00018	0.00014	1.66	0.00721	0.00024	1.5	<0.000005	0.18	0.0100	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00435	<0.00001	0.006	0.00023	0.00016	1.77	0.00807	0.00028	1.7	<0.000005	0.21	0.0119	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26	0.00388	<0.00001	0.004	0.00018	0.00014	1.82	0.00774	0.00027	1.7	<0.000005	0.20	0.0115	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00403	<0.00001	0.002	0.00019	0.00024	1.64	0.00792	0.00026	1.7	<0.000005	0.18	0.0113	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.00392	<0.00001	0.006	0.00018	0.00037	1.84	0.00777	0.00025	1.8	0.000006	0.19	0.0115	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00444	<0.00001	0.005	0.00015	0.00015	1.91	0.00805	0.00025	1.9	<0.000005	0.21	0.0108	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26	0.00410	<0.00001	0.003	0.00022	0.00015	1.73	0.00770	0.00020	1.7	<0.000005	0.19	0.0102	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00464	<0.00001	0.003	0.00023	0.00020	1.92	0.00785	0.00024	1.8	<0.000005	0.19	0.0108	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00498	<0.00001	0.002	0.00014	0.00025	1.99	0.00744	0.00021	1.8	<0.000005	0.19	0.00968	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00374	<0.00001	<0.002	0.00011	0.00012	1.47	0.00650	0.00021	1.5	<0.000005	0.15	0.00754	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00429	<0.00001	<0.002	0.00012	0.00013	1.58	0.00725	0.00017	1.4	<0.000005	0.14	0.00804	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00373	<0.00001	0.011	0.00017	0.00011	1.51	0.00666	0.00016	1.4	<0.000005	0.17	0.00726	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00311	<0.00001	0.003	0.00025	0.00012	1.56	0.00741	0.00018	1.4	<0.000005	0.15	0.00717	<10	<0.00002	0.000007

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26	<0.000005	<0.0002	0.0017	0.00003	0.000017	0.0068	0.0002	<0.0001	<0.002				0.82	0.80	1.79
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0017	0.00004	0.000020	0.0058	0.0003	<0.0001	<0.002				0.76	0.73	1.68
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0023	0.00004	0.000015	0.0051	0.0003	<0.0001	<0.002				0.75	0.73	1.76
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0011	0.00004	0.000017	0.0060	0.0003	<0.0001	<0.002				0.84	0.82	0.97
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00002	0.000015	0.0057	0.0002	<0.0001	<0.002				0.74	0.72	1.44
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0009	0.00004	0.000016	0.0054	<0.0001	<0.0001	<0.002				0.68	0.65	2.42
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0015	0.00003	0.000011	0.0066	0.0002	<0.0001	<0.002				0.64	0.60	3.21
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0018	0.00003	0.000048	0.0048	0.0001	<0.0001	<0.002				0.64	0.64	-0.31
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0015	0.00004	0.000046	0.0057	0.0002	<0.0001	<0.002				0.72	0.69	2.27
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0011	0.00003	0.000013	0.0058	0.0002	<0.0001	<0.002				0.68	0.68	-0.22
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0010	0.00004	0.000011	0.0056	<0.0001	<0.0001	<0.002				0.693	0.697	-0.290
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0010	0.00003	0.000009	0.0054	0.0001	<0.0001	<0.002				0.706	0.748	-2.89
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0022	0.00003	0.000010	0.0054	0.0002	<0.0001	<0.002				0.727	0.759	-2.15
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	0.000015	0.0046	0.0002	<0.0001	<0.002				0.731	0.727	0.270
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0021	0.00002	0.000016	0.0053	<0.0001	<0.0001	0.005				0.746	0.721	1.70
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0032	0.00003	0.000029	0.0047	0.0003	<0.0001	<0.002				0.734	0.783	-3.23
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00002	0.000010	0.0047	0.0001	<0.0001	<0.002				0.591	0.590	0.0800
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0011	<0.00001	0.000019	0.0036	<0.0001	<0.0001	<0.002				0.689	0.639	3.77
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00002	0.000014	0.0036	0.0002	<0.0001	<0.002				0.595	0.608	-1.08
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00001	0.000010	0.0045	<0.0001	<0.0001	<0.002				0.625	0.609	1.30

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	104	19-Jan-15	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	105	26-Jan-15	500	470	7.93	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	106	02-Feb-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	107	09-Feb-15	500	425	8.01	68.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	108	16-Feb-15	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	109	23-Feb-15	500	470	7.83	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	110	02-Mar-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	111	09-Mar-15	500	485	7.84	65.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	112	16-Mar-15	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	113	23-Mar-15	500	465	7.93	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	114	30-Mar-15	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	115	06-Apr-15	500	475	7.88	56.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	116	13-Apr-15	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	117	20-Apr-15	500	470	7.91	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	118	27-Apr-15	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	119	04-May-15	500	480	7.81	51.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	120	11-May-15	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	121	18-May-15	500	475	7.86	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	122	25-May-15	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	123	01-Jun-15	500	475	7.86	58.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	124	08-Jun-15	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	125	15-Jun-15	500	485	7.84	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	126	22-Jun-15	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	127	29-Jun-15	500	465	7.79	57.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	128	06-Jul-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	129	13-Jul-15	500	475	7.81	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	130	20-Jul-15	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	131	27-Jul-15	500	465	7.76	50.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	132	03-Aug-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	133	10-Aug-15	500	475	7.82	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	134	17-Aug-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	135	24-Aug-15	500	475	7.68	43.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	136	31-Aug-15	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	137	07-Sep-15	500	470	7.80	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	138	14-Sep-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	139	21-Sep-15	500	475	7.75	45.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	140	28-Sep-15	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	141	05-Oct-15	500	470	7.81	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	142	12-Oct-15	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	143	19-Oct-15	500	475	7.75	46.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	144	26-Oct-15	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	145	02-Nov-15	500	470	7.78	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	146	09-Nov-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	147	16-Nov-15	500	475	7.72	48.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	148	23-Nov-15	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	149	30-Nov-15	500	475	7.67	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	150	07-Dec-15	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	151	14-Dec-15	500	465	7.67	48.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	152	21-Dec-15	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	153	28-Dec-15	500	465	7.73	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	154	04-Jan-16	500	485		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	130	5.6	<0.5	<0.5	29.5			<0.5					31.1	0.308	<0.00002	0.0155
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	3.2	<0.5	<0.5	27.4			<0.5					28.1	0.291	<0.00002	0.0138
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	145	3.4	<0.5	<0.5	24.3			<0.5					22.2	0.184	<0.00002	0.0085
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	3.8	<0.5	<0.5	21.3			0.7					21.9	0.229	<0.00002	0.00793
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	110	5.1	<0.5	<0.5	24.7			0.6					27.5	0.271	<0.00002	0.00963
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	3.6	<0.5	<0.5	25.1			<0.5					25.1	0.268	<0.00002	0.0115
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	110	3.8	<0.5	<0.5	21.1			<0.5					21.4	0.228	<0.00002	0.00840
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	100	3.8	<0.5	<0.5	20.4			<0.5					21.8	0.256	<0.00002	0.00852
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	125	2.9	<0.5	0.6	16.1			0.6					20.4	0.224	<0.00002	0.00708
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	2.1	<0.5	<0.5	22.5			0.5					20.9	0.247	<0.00002	0.00882
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	115	4.1	<0.5	0.6	18.3			<0.5					21.8	0.242	<0.00002	0.00824
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	4.4	<0.5	0.5	22.1			<0.5					22.3	0.232	<0.00002	0.00834
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00132	<0.00001	<0.000005	<0.05	0.00021	<0.000005	11.6	<0.0001	0.000064	0.00036	<0.00005	0.018	0.000011	0.0025	0.52
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00111	<0.00001	<0.000005	<0.05	0.00023	<0.000005	10.4	<0.0001	0.000067	0.00034	<0.00005	0.021	<0.000005	0.0027	0.52
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00105	<0.00001	0.000008	<0.05	0.00019	<0.000005	8.17	<0.0001	0.000044	0.00047	<0.00005	0.008	0.000013	0.0021	0.44
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00108	<0.00001	<0.000005	<0.05	0.00021	<0.000005	8.09	<0.0001	0.000087	0.00051	<0.00005	0.032	0.000009	0.0018	0.40
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00116	<0.00001	<0.000005	<0.05	0.00022	<0.000005	10.2	<0.0001	0.000073	0.00038	<0.00005	0.026	0.000021	0.0020	0.50
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00097	<0.00001	<0.000005	<0.05	0.00021	<0.000005	9.25	<0.0001	0.000073	0.00034	<0.00005	0.020	0.000012	0.0022	0.48
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00095	<0.00001	<0.000005	<0.05	0.00018	<0.000005	7.94	<0.0001	0.000065	0.00029	<0.00005	0.021	<0.000005	0.0017	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00103	<0.00001	<0.000005	<0.05	0.00020	<0.000005	8.04	<0.0001	0.000066	0.00039	<0.00005	0.020	0.000006	0.0018	0.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00110	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.53	<0.0001	0.000060	0.00035	<0.00005	0.023	<0.000005	0.0008	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00102	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.65	<0.0001	0.000067	0.00038	<0.00005	0.035	0.000006	0.0018	0.43
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00100	<0.00001	<0.000005	<0.05	0.00021	<0.000005	8.08	<0.0001	0.000051	0.00032	<0.00005	0.018	0.000010	0.0021	0.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00119	<0.00001	<0.000005	<0.05	0.00017	<0.000005	8.27	<0.0001	0.000046	0.00036	0.00044	0.022	0.000023	0.0013	0.40
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00331	<0.00001	0.004	0.00034	0.00021	1.59	0.00706	0.00015	1.5	<0.000005	0.17	0.00777	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00351	<0.00001	0.006	0.00023	0.00014	1.60	0.00751	0.00012	2.2	<0.000005	0.17	0.00775	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.0032	<0.00001	0.003	0.00023	0.00055	1.35	0.00638	0.00010	1.4	<0.000005	0.16	0.00631	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26	0.00313	<0.00001	<0.002	0.00029	0.00024	1.26	0.00645	0.00009	1.3	<0.000005	0.13	0.00588	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00338	<0.00001	0.003	0.00041	0.00029	1.41	0.00709	0.00013	1.5	<0.000005	0.15	0.00715	<10	<0.00002	0.000009
BR02-10	HC-26															
BR02-10	HC-26	0.00298	<0.00001	0.008	0.00041	0.00021	1.38	0.00689	0.00013	1.5	0.000007	0.15	0.00669	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26	0.00207	<0.00001	0.007	0.00044	0.00022	1.12	0.00558	0.00011	1.1	<0.000005	0.13	0.00513	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26	0.00171	<0.00001	0.006	0.00047	0.00015	1.21	0.00615	0.00013	1.2	<0.000005	0.15	0.00506	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00130	<0.00001	0.004	0.00039	0.00009	1.12	0.00566	0.00011	1.2	<0.000005	0.13	0.00467	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.00142	<0.00001	0.007	0.00032	0.00018	1.22	0.00612	0.00012	1.3	<0.000005	0.13	0.00510	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00088	<0.00001	0.005	0.00032	0.00025	1.22	0.00617	0.00013	1.2	<0.000005	0.14	0.00505	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.00077	<0.00001	0.004	0.00031	0.00011	1.23	0.00572	0.00012	1.2	<0.000005	0.13	0.00539	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00002	0.000009	0.0048	0.0003	<0.0001	<0.002				0.707	0.704	0.210
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0009	<0.00001	0.000010	0.0044	0.0002	<0.0001	<0.002				0.615	0.643	-2.23
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00001	0.000007	0.0027	0.0007	<0.0001	<0.002				0.557	0.506	4.80
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0020	0.00001	0.000007	0.0025	0.0001	<0.0001	<0.002				0.525	0.501	2.34
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0011	0.00001	0.000008	0.0032	0.0003	<0.0001	<0.002				0.616	0.623	-0.560
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0010	0.00001	0.000016	0.0034	0.0002	<0.0001	<0.002				0.577	0.573	0.350
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0009	<0.00001	0.000015	0.0029	<0.0001	<0.0001	<0.002				0.500	0.488	1.21
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0010	0.00001	0.000008	0.0029	0.0002	<0.0001	<0.002				0.487	0.501	-1.42
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0014	<0.00001	0.000009	0.0022	0.0002	<0.0001	<0.002				0.400	0.467	-7.73
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0017	0.00001	0.000010	0.0031	0.0005	<0.0001	<0.002				0.508	0.483	2.52
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0010	0.00001	0.000011	0.0027	0.0002	0.0001	<0.002				0.451	0.500	-5.15
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0006	<0.00001	0.000010	0.0028	0.0003	<0.0001	<0.002				0.534	0.509	2.40
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	155	11-Jan-16	500	465	7.71	49.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	156	18-Jan-16	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	157	25-Jan-16	500	475	7.92	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	158	01-Feb-16	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	159	08-Feb-16	500	460	7.65	51.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	160	15-Feb-16	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	161	22-Feb-16	500	465	7.71	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	162	29-Feb-16	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	163	07-Mar-16	500	475	7.73	47.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	164	14-Mar-16	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	165	21-Mar-16	500	480	7.74	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	166	28-Mar-16	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	167	04-Apr-16	500	470	7.85	50.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	168	11-Apr-16	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	169	18-Apr-16	500	485	7.84	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	170	25-Apr-16	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	171	02-May-16	500	445	7.78	46.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	172	09-May-16	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	173	16-May-16	500	445	7.80	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	174	23-May-16	500	440		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	175	30-May-16	500	495	7.72	51.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	176	06-Jun-16	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	177	13-Jun-16	500	460	7.71	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	178	20-Jun-16	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	179	27-Jun-16	500	440	7.71	51.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	180	04-Jul-16	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	181	11-Jul-16	500	470	7.59	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	182	18-Jul-16	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	183	25-Jul-16	500	490	7.61	47.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	184	01-Aug-16	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	185	08-Aug-16	500	485	7.79	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	186	15-Aug-16	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	187	22-Aug-16	500	460	7.83	55.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	188	29-Aug-16	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	189	05-Sep-16	500	460	7.69	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	190	12-Sep-16	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	191	19-Sep-16	500	465	7.77	46.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	192	26-Sep-16	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	193	03-Oct-16	500	450	7.76	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	194	10-Oct-16	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	195	17-Oct-16	500	475	7.75	48.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	196	24-Oct-16	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	197	31-Oct-16	500	460	7.76	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	198	07-Nov-16	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	199	14-Nov-16	500	450	7.78	60.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	200	21-Nov-16	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	201	28-Nov-16	500	460	7.74	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	202	05-Dec-16	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	203	12-Dec-16	500	480	7.74	48.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	204	19-Dec-16	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	205	26-Dec-16	500	465	7.72	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26	120	4.4	<0.5	<0.5	20.7			<0.5					21.3	0.208	<0.00002	0.00727
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	5.0	<0.5	<0.5	22.3			0.6					22.3	0.230	<0.00002	0.00718
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	125	3.0	<0.5	<0.5	21.4			<0.5					19.1	0.206	<0.00002	0.00657
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	140	3.0	<0.5	<0.5	24.2			<0.5					21.6	0.236	<0.00002	0.00674
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	125	5.0	<0.5	<0.5	21.1			<0.5					21.3	0.219	<0.00002	0.00647
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	140	4.1	<0.5	<0.5	23.4			<0.5					22.0	0.267	<0.00002	0.00889
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	130	3.8	<0.5	<0.5	22.8			0.9					22.2	0.230	<0.00002	0.00759
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	6.0	<0.5	<0.5	21.2			<0.5					20.9	0.265	<0.00002	0.00686
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	2.7	<0.5	<0.5	23.0			0.8					23.7	0.257	<0.00002	0.00687
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	120	3.1	<0.5	<0.5	22.0			1.0					20.1	0.212	<0.00002	0.00541
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	140	3.8	<0.5	1.3	20.5			<0.5					21.1	0.287	<0.00002	0.00779
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	150	3.8	<0.5	<0.5	24.1			1.1					24.6	0.255	<0.00002	0.00695
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	160	4.7	<0.5	<0.5	21.7			0.5					20.5	0.294	<0.00002	0.00737
BR02-10	HC-26																
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26	0.00139	<0.00001	<0.000005	<0.05	0.00016	<0.000005	7.87	<0.0001	0.000047	0.00033	0.00026	0.024	0.000026	0.0016	0.40
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00152	<0.00001	<0.000005	<0.05	0.00019	<0.000005	8.25	<0.0001	0.000059	0.00041	0.00103	0.044	0.000031	0.0017	0.42
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00108	<0.00001	<0.000005	<0.05	0.00017	<0.000005	7.03	<0.0001	0.000047	0.00037	0.00031	0.018	0.000020	0.0014	0.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00146	<0.00001	<0.000005	<0.05	0.00018	<0.000005	7.91	<0.0001	0.000056	0.00043	0.00041	0.043	0.000023	0.0019	0.44
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00122	<0.00001	<0.000005	<0.05	0.00020	<0.000005	7.88	<0.0001	0.000050	0.00047	0.00039	0.033	0.000019	0.0013	0.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00102	<0.00001	<0.000005	<0.05	0.00018	<0.000005	8.15	<0.0001	0.000048	0.00033	<0.00005	0.016	0.000006	0.0015	0.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00108	<0.00001	<0.000005	<0.05	0.00022	<0.000005	8.20	<0.0001	0.000044	0.00030	<0.00005	0.013	0.000007	0.0018	0.40
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00108	<0.00001	<0.000005	<0.05	0.00020	<0.000005	7.68	<0.0001	0.000061	0.00043	<0.00005	0.040	0.000010	0.0016	0.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00105	<0.00001	<0.000005	<0.05	0.00020	<0.000005	8.74	<0.0001	0.000071	0.00057	<0.00005	0.050	0.000033	0.0011	0.46
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00091	<0.00001	<0.000005	<0.05	0.00018	<0.000005	7.43	<0.0001	0.000049	0.00023	<0.00005	0.009	0.000005	0.0016	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00090	<0.00001	<0.000005	<0.05	0.00017	<0.000005	7.82	<0.0001	0.000038	0.00028	<0.00005	0.014	<0.000005	0.0012	0.37
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00126	<0.00001	<0.000005	<0.05	0.00019	<0.000005	9.19	<0.0001	0.000057	0.00029	<0.00005	0.016	0.000005	0.0017	0.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00110	<0.00001	<0.000005	<0.05	0.00017	<0.000005	7.59	<0.0001	0.000053	0.00031	<0.00005	0.010	0.000079	0.0021	0.37
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26	0.00085	<0.00001	0.003	0.00028	0.00013	1.15	0.00583	0.00012	1.3	<0.000005	0.13	0.00521	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00087	<0.00001	<0.002	0.00031	0.00014	1.23	0.00621	0.00013	1.3	<0.000005	0.13	0.00476	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00062	<0.00001	<0.002	0.00024	0.00022	1.07	0.00560	0.00011	1.1	<0.000005	0.12	0.00437	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00086	<0.00001	<0.002	0.00025	0.00010	1.06	0.00530	0.00010	1.2	<0.000005	0.13	0.00464	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00061	<0.00001	<0.002	0.00024	0.00013	1.11	0.00598	0.00011	1.1	<0.000005	0.12	0.00453	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00064	<0.00001	0.005	0.00019	0.00011	1.04	0.00665	0.00013	1.4	<0.000005	0.11	0.00471	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00050	<0.00001	0.002	0.00026	0.00012	1.14	0.00684	0.00011	1.2	<0.000005	0.13	0.00506	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00083	<0.00001	0.002	0.00020	0.00009	1.03	0.00585	0.00011	1.3	<0.000005	0.14	0.00453	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00105	<0.00001	0.010	0.00020	0.00024	1.08	0.00629	0.00011	1.3	<0.000005	0.12	0.00514	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00047	<0.00001	0.004	0.00019	0.00019	0.96	0.00549	0.00008	1.0	<0.000005	0.10	0.00412	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00045	<0.00001	<0.002	0.00018	0.00014	0.95	0.00509	0.00010	1.2	<0.000005	0.10	0.00410	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00051	<0.00001	<0.002	0.00020	0.00016	1.01	0.00586	0.00012	1.8	<0.000005	0.11	0.00457	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00044	<0.00001	0.004	0.00023	0.00019	0.95	0.00526	0.00016	1.4	<0.000005	0.11	0.00407	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26	<0.000005	<0.0002	0.0006	0.00001	0.000012	0.0025	0.0004	<0.0001	<0.002				0.505	0.484	2.12
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00001	0.000010	0.0027	0.0005	0.0001	<0.002				0.566	0.511	5.11
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00001	0.000009	0.0035	0.0006	<0.0001	<0.002				0.491	0.439	5.59
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00001	0.000021	0.0027	0.0002	<0.0001	<0.002				0.547	0.491	5.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0010	0.00001	0.000009	0.0023	0.0002	<0.0001	<0.002				0.525	0.485	3.96
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00001	0.000005	0.0031	0.0003	<0.0001	<0.002				0.554	0.502	4.92
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000006	0.0026	0.0003	<0.0001	<0.002				0.562	0.503	5.54
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0024	0.00001	0.000008	0.0028	0.0002	<0.0001	<0.002				0.549	0.480	6.71
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0012	0.00001	0.000004	0.0026	0.0015	<0.0001	<0.002				0.538	0.538	0.00
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0006	0.00001	0.000003	0.0021	0.0003	<0.0001	<0.002				0.532	0.455	7.80
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0006	0.00001	0.000004	0.0030	0.0003	<0.0001	<0.002				0.490	0.482	0.820
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000003	0.0024	0.0005	<0.0001	<0.002				0.591	0.550	3.59
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000005	0.0028	0.0006	<0.0001	<0.002				0.547	0.471	7.47
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	206	02-Jan-17	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	207	09-Jan-17	500	485	7.68	43.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	208	17-Jan-17	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	209	23-Jan-17	500	465	7.69	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	210	30-Jan-17	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	211	06-Feb-17	500	480	7.63	41.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	212	13-Feb-17	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	213	20-Feb-17	500	465	7.68	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	214	27-Feb-17	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	215	06-Mar-17	500	460	7.82	47.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	216	13-Mar-17	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	217	20-Mar-17	500	455	7.74	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	218	27-Mar-17	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	219	03-Apr-17	500	475	7.74	39.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	220	10-Apr-17	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	221	17-Apr-17	500	470	7.75	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	222	24-Apr-17	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	223	01-May-17	500	470	7.79	45.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	224	08-May-17	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	225	15-May-17	500	500	7.76	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	226	22-May-17	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	227	29-May-17	500	450	7.68	53.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	228	05-Jun-17	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	229	12-Jun-17	500	480	7.69	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	230	19-Jun-17	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	231	26-Jun-17	500	465	7.76	51.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	232	03-Jul-17	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	233	10-Jul-17	500	475	7.55	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	234	17-Jul-17	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	235	24-Jul-17	500	465	7.80	52
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	236	31-Jul-17	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	237	7-Aug-17	500	485	7.65	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	238	14-Aug-17	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	239	21-Aug-17	500	465	7.74	43
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	240	28-Aug-17	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	241	4-Sep-17	500	470	7.69	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	242	11-Sep-17	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	243	18-Sep-17	500	480	7.66	32
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	244	25-Sep-17	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	245	02-Oct-17	500	470	7.63	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	246	09-Oct-17	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	247	16-Oct-17	500	465	7.72	46
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	248	23-Oct-17	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	249	30-Oct-17	500	480	7.65	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	250	06-Nov-17	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	251	13-Nov-17	500	460	7.68	41.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	252	20-Nov-17	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	253	27-Nov-17	500	490	7.66	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	254	04-Dec-17	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	255	11-Dec-17	500	470	7.69	42.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	256	18-Dec-17	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26	180	4.5	<0.5	<0.5	16.1			0.7					17.5	0.248	<0.00002	0.00580
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	200	4.1	<0.5	<0.5	14.7			0.9					17.7	0.282	<0.00002	0.00398
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	220	3.7	<0.5	<0.5	20.1			<0.5					19.7	0.293	<0.00002	0.00933
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	190	3.1	<0.5	<0.5	14.3			<0.5					17.4	0.316	<0.00002	0.00733
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	185	3.2	<0.5	<0.5	22.1			<0.5					19.9	0.342	0.00002	0.00643
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	175	3.1	<0.5	<0.5	21.9			1.1					23.2	0.422	<0.00002	0.00687
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	175	3.5	<0.5	<0.5	20.9			0.8					21.8	0.290	<0.00002	0.00580
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	200	3.5	<0.5	<0.5	22.2			0.7					21.6	0.311	<0.00002	0.00758
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	220	1.8	<0.5	<0.5	17.4			0.5					17.1	0.257	<0.00002	0.00545
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	230	3.6	<0.5	<0.5	17.6			0.9					19.4	0.241	0.00003	0.00496
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	245	3.5	<0.5	<0.5	20.1			0.7					19.8	0.279	<0.00002	0.00581
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	250	3.3	<0.5	<0.5	16.7			0.7					17.1	0.225	<0.00002	0.00479
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	260	4.1	<0.5	<0.5	16.9			<0.5					18.4	0.234	<0.00002	0.00513
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26	0.00092	<0.00001	<0.000005	<0.05	0.00013	<0.000005	6.49	<0.0001	0.000028	0.00023	0.00006	0.011	0.000009	0.0015	0.32
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00144	<0.00001	<0.000005	<0.05	0.00018	<0.000005	6.47	0.0003	0.000164	0.00096	<0.00005	0.223	0.000053	0.0015	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00084	<0.00001	<0.000005	<0.05	0.00017	<0.000005	7.31	0.0002	0.000035	0.00029	<0.00005	0.007	0.000013	0.0015	0.35
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00073	<0.00001	<0.000005	<0.05	0.00015	<0.000005	6.44	<0.0001	0.000033	0.00033	<0.00005	0.011	<0.000005	0.0012	0.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00099	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.35	0.0001	0.000090	0.00053	<0.00005	0.104	0.000012	0.0019	0.37
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00138	<0.00001	<0.000005	<0.05	0.00024	<0.000005	8.45	0.0003	0.000049	0.00086	<0.00005	0.257	0.000023	0.0021	0.52
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00104	<0.00001	<0.000005	<0.05	0.00017	<0.000005	8.09	<0.0001	0.000040	0.00035	<0.00005	0.028	0.000006	0.0017	0.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00103	<0.00001	<0.000005	<0.05	0.00016	<0.000005	8.03	<0.0001	0.000054	0.00033	<0.00005	0.01	0.000005	0.0016	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00077	<0.00001	<0.000005	<0.05	0.00016	<0.000005	6.35	<0.0001	0.000042	0.00019	<0.00005	0.005	<0.000005	0.0013	0.3
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00096	<0.00001	<0.000005	<0.05	0.00018	<0.000005	7.13	<0.0001	0.000042	0.00029	<0.00005	0.008	0.000006	0.0015	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00107	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.36	<0.0001	0.000068	0.00032	<0.00005	0.004	0.000030	0.0016	0.35
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00083	<0.00001	<0.000005	<0.05	0.00015	<0.000005	6.29	<0.0001	0.000042	0.00023	<0.00005	0.004	<0.000005	0.0014	0.33
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00097	<0.00001	<0.000005	<0.05	0.00014	<0.000005	6.79	<0.0001	0.000046	0.00046	<0.00005	0.008	<0.000005	0.0014	0.35
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26	0.00027	<0.00001	0.006	0.00017	0.00009	0.87	0.00469	0.00011	1.0	<0.000005	0.10	0.00343	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00298	<0.00001	0.008	0.00015	0.00040	0.75	0.00436	0.00009	1.0	<0.000005	0.08	0.00329	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00027	<0.00001	0.006	0.00018	0.00012	1.03	0.00600	0.00015	1.4	<0.000005	0.10	0.00412	<10	0.00003	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.00027	<0.00001	<0.002	0.00018	0.00005	0.91	0.00537	0.00014	1.2	<0.000005	0.11	0.00341	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26	0.00134	<0.00001	<0.002	0.00020	0.00016	0.94	0.00540	0.00010	1.2	<0.000005	0.11	0.00363	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00362	<0.00001	0.004	0.00017	0.00028	1.03	0.00606	0.00011	1.5	<0.000005	0.13	0.00453	<10	<0.00002	0.000010
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00051	<0.00001	<0.002	0.00017	0.00007	0.96	0.00605	0.00009	1.4	<0.000005	0.12	0.00410	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00034	<0.00001	0.004	0.00016	0.00017	1	0.00546	0.0001	1.4	<0.000005	0.11	0.00432	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00025	<0.00001	0.005	0.00014	0.0001	0.76	0.0045	0.00009	1.1	<0.000005	0.09	0.00313	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00033	<0.00001	0.004	0.00015	0.00012	0.88	0.00489	0.00010	1.1	<0.000005	0.11	0.00364	<10	0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00025	<0.00001	0.003	0.00018	0.00023	0.93	0.00575	0.00008	1.3	<0.000005	0.11	0.00344	<10	<0.00002	0.000013
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00017	<0.00001	0.008	0.00017	0.00013	0.77	0.00473	0.00010	1.1	<0.000005	0.10	0.00333	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00023	<0.00001	0.003	0.00013	0.00012	0.81	0.00455	0.00008	1.1	<0.000005	0.11	0.00334	<10	<0.00002	0.000007
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00001	0.000005	0.0022	0.0005	<0.0001	<0.002				0.435	0.405	3.57
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0059	0.00002	<0.000002	0.0020	0.0024	<0.0001	<0.002				0.40	0.42	-1.70
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000004	0.0034	0.0013	<0.0001	<0.002				0.48	0.46	2.25
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000009	0.0029	<0.0001	<0.0001	<0.002				0.35	0.41	-7.61
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0015	0.00002	0.000007	0.0031	0.0002	<0.0001	<0.002				0.51	0.47	4.20
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0021	0.00002	0.000008	0.0032	0.0005	<0.0001	<0.002				0.53	0.55	-1.75
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00002	0.000011	0.0027	<0.0001	<0.0001	<0.002				0.51	0.50	1.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00002	0.00001	0.0031	0.0001	<0.0001	<0.002				0.54	0.50	3.78
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000002	0.0023	0.0001	<0.0001	<0.002				0.40	0.39	0.88
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000003	0.0021	0.0002	0.0001	<0.002				0.45	0.44	1.23
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000125	0.0027	0.0001	<0.0001	<0.002				0.50	0.46	4.20
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000002	0.0021	0.0001	<0.0001	<0.002				0.42	0.39	3.94
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0005	0.00002	0.000003	0.0022	0.0001	<0.0001	<0.002				0.42	0.42	0.59
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	257	25-Dec-17	500	440	7.69	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	258	01-Jan-18	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	259	08-Jan-18	500	490	7.72	47
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	260	15-Jan-18	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	261	22-Jan-18	500	475	7.64	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	262	29-Jan-18	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	263	05-Feb-18	500	475	7.73	48.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	264	12-Feb-18	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	265	19-Feb-18	500	475	7.68	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	266	26-Feb-18	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	267	05-Mar-18	500	475	7.71	33.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	268	12-Mar-18	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	269	19-Mar-18	500	475	7.67	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	270	26-Mar-18	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	271	02-Apr-18	500	480	7.59	35.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	272	09-Apr-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	273	16-Apr-18	500	480	7.58	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	274	23-Apr-18	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	275	30-Apr-18	500	470	7.64	24
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	276	07-May-18	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	277	14-May-18	500	455	7.69	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	278	21-May-18	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	279	28-May-18	500	475	7.77	44.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	280	04-Jun-18	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	281	11-Jun-18	500	495	7.66	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	282	18-Jun-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	283	25-Jun-18	500	460	7.79	31.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	284	02-Jul-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	285	09-Jul-18	500	480	7.71	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	286	16-Jul-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	287	23-Jul-18	500	485	7.69	30.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	288	30-Jul-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	289	06-Aug-18	500	475	7.71	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	290	13-Aug-18	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	291	20-Aug-18	500	470	7.64	29.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	292	27-Aug-18	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	293	03-Sep-18	500	470	7.55	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	294	10-Sep-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	295	17-Sep-18	500	475	7.59	23.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	296	24-Sep-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	297	01-Oct-18	500	470	7.63	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	298	08-Oct-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	299	15-Oct-18	500	475	7.58	35.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	300	22-Oct-18	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	301	29-Oct-18	500	475	7.59	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	302	05-Nov-18	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	303	12-Nov-18	500	470	7.60	38.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	304	19-Nov-18	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	305	26-Nov-18	500	470	7.61	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	306	03-Dec-18	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	307	10-Dec-18	500	465	7.65	26.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	260	2.7	<0.5	<0.5	23.4			<0.5					21.1	0.209	<0.00002	0.00332
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	265	4.2	<0.5	<0.5	21.9			0.5					20.1	0.226	<0.00002	0.00397
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	2.3	<0.5	<0.5	15.9			0.5					16.0	0.204	<0.00002	0.00360
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	2.9	<0.5	<0.5	14.3			0.9					16.0	0.216	<0.00002	0.00313
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	2.7	<0.5	0.8	16.8			0.5					16.3	0.187	<0.00002	0.00325
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	280	3.4	<0.5	<0.5	21.1			<0.5					21.0	0.246	0.00002	0.00438
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	290	2.6	<0.5	<0.5	17.2			1.2					19.9	0.252	<0.00002	0.00387
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	280	2.5	<0.5	<0.5	14.0			1.2					15.2	0.223	<0.00002	0.00333
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	280	4.2	<0.5	<0.5	12.0			0.8					15.0	0.189	<0.00002	0.00285
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	285	3.7	<0.5	0.9	13.5			<0.5					15.5	0.212	<0.00002	0.00325
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	280	2.4	<0.5	<0.5	14.5			0.6					15.5	0.178	<0.00002	0.00281
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	2.8	<0.5	<0.5	13.8			0.8					17.4	0.165	<0.00002	0.00251
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	3.0	<0.5	<0.5	14.0			0.6					16.8	0.155	<0.00002	0.00269

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00132	<0.00001	<0.000005	<0.05	0.00022	<0.000005	7.71	<0.0001	0.000047	0.00029	<0.00005	0.017	0.000007	0.0016	0.44
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00110	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.42	<0.0001	0.000045	0.00059	<0.00005	0.011	0.000006	0.0015	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00096	<0.00001	<0.000005	<0.05	0.00016	<0.000005	5.89	<0.0001	0.000045	<0.00005	<0.00005	0.012	<0.000005	0.0012	0.32
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00085	<0.00001	<0.000005	<0.05	0.00017	<0.000005	5.89	<0.0001	0.000041	0.00023	<0.00005	0.007	<0.000005	0.0013	0.32
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00107	<0.00001	<0.000005	<0.05	0.00018	<0.000005	5.99	<0.0001	0.000049	0.00028	<0.00005	0.018	0.000011	0.0012	0.32
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00123	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.74	<0.0001	0.000037	0.00045	<0.00005	0.029	0.000006	0.0014	0.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00107	<0.00001	<0.000005	<0.05	0.00016	<0.000005	7.28	<0.0001	0.000035	0.00035	<0.00005	0.024	0.000005	0.0014	0.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00116	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.56	<0.0001	0.000031	0.00027	<0.00005	0.016	0.000005	0.0013	0.32
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00095	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.53	<0.0001	0.000035	0.00030	<0.00005	0.019	0.000006	0.0012	0.30
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00081	<0.00001	<0.000005	<0.05	0.00016	<0.000005	5.71	<0.0001	0.000022	0.00023	<0.00005	0.008	<0.000005	0.0013	0.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00079	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.70	<0.0001	0.000026	0.00025	<0.00005	0.012	<0.000005	0.0013	0.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00097	<0.00001	<0.000005	<0.05	0.00016	<0.000005	6.37	<0.0001	0.000037	0.00023	<0.00005	0.022	<0.000005	0.0014	0.37
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00087	<0.00001	<0.000005	<0.05	0.00014	<0.000005	6.14	<0.0001	0.000025	0.00021	<0.00005	0.008	<0.000005	0.0014	0.35

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00047	<0.00001	0.003	0.00010	0.00011	0.84	0.00526	0.00007	0.9	<0.000005	0.10	0.00361	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00024	<0.00001	0.005	0.00016	0.00010	0.78	0.00498	0.00007	1.2	<0.000005	0.09	0.00373	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00029	<0.00001	0.004	0.00009	0.00010	0.67	0.00432	0.00008	0.9	<0.000005	0.09	0.00312	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00021	<0.00001	0.008	0.00012	0.00010	0.71	0.00464	0.00008	0.9	<0.000005	0.08	0.00279	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00033	<0.00001	0.008	0.00012	0.00010	0.72	0.00458	0.00007	0.9	<0.000005	0.09	0.00319	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00049	<0.00001	0.003	0.00015	0.00007	0.83	0.00543	0.00008	1.1	<0.000005	0.08	0.00406	<10	<0.00002	0.000007
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00042	<0.00001	0.003	0.00013	0.00004	0.74	0.00454	0.00008	1.2	<0.000005	0.09	0.00357	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00028	<0.00001	<0.002	0.00013	0.00003	0.69	0.00405	0.00008	0.9	0.000014	0.10	0.00283	<10	<0.00002	0.000015
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00044	<0.00001	<0.002	0.00013	0.00010	0.64	0.00382	0.00007	0.8	<0.000005	0.08	0.00257	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00021	<0.00001	<0.002	0.00014	0.00004	0.67	0.00430	0.00008	1.0	<0.000005	0.08	0.00279	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00022	<0.00001	0.004	0.00011	0.00006	0.64	0.00416	0.00006	0.9	<0.000005	0.08	0.00287	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00037	<0.00001	<0.002	0.00012	0.00005	0.70	0.00450	0.00006	1.0	<0.000005	0.08	0.00323	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00024	<0.00001	<0.002	0.00012	0.00006	0.68	0.00429	0.00006	1.0	<0.000005	0.08	0.00308	<10	<0.00002	0.000005

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0012	0.00001	0.000005	0.0016	0.0002	<0.0001	<0.002				0.52	0.47	5.43
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00002	0.000003	0.0019	0.0001	<0.0001	<0.002				0.54	0.45	8.89
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00002	0.000002	0.0018	<0.0001	<0.0001	<0.002				0.38	0.37	2.28
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00002	0.000004	0.0017	<0.0001	<0.0001	<0.002				0.37	0.37	0.68
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0009	0.00002	0.000002	0.0016	<0.0001	<0.0001	<0.002				0.41	0.37	4.77
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0011	0.00003	0.000004	0.0023	<0.0001	<0.0001	<0.002				0.49	0.47	1.97
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0016	0.00002	0.000003	0.0021	<0.0001	<0.0001	<0.002				0.43	0.45	-2.28
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00002	<0.000002	0.0018	0.0001	<0.0001	<0.002				0.366	0.351	2.09
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0013	0.00002	0.000003	0.0016	0.0001	<0.0001	<0.002				0.350	0.342	1.16
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0017	0.0001	<0.0001	<0.002				0.35	0.36	-1.28
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000002	0.0016	0.0002	<0.0001	<0.002				0.359	0.349	1.41
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00002	0.000002	0.0016	<0.0001	<0.0001	<0.002				0.355	0.389	-4.57
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0015	0.0001	<0.0001	0.003				0.36	0.37	-1.91

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	308	17-Dec-18	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	309	24-Dec-18	500	435	7.71	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	310	31-Dec-18	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	311	07-Jan-19	500	475	7.64	33.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	312	14-Jan-19	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	313	21-Jan-19	500	465	7.62	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	314	28-Jan-19	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	315	04-Feb-19	500	455	7.74	49.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	316	11-Feb-19	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	317	18-Feb-19	5500	475	7.62	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	318	25-Feb-19	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	319	04-Mar-19	500	475	7.63	35.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	320	11-Mar-19	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	321	18-Mar-19	500	460	7.60	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	322	25-Mar-19	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	323	01-Apr-19	500	470	7.59	37.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	324	08-Apr-19	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	325	15-Apr-19	500	460	7.45	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	326	22-Apr-19	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	327	29-Apr-19	500	460	7.55	37.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	328	06-May-19	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	329	13-May-19	500	470	7.50	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	330	20-May-19	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	331	27-May-19	500	475	7.52	34.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	332	03-Jun-19	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	333	10-Jun-19	500	470	7.14	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	334	17-Jun-19	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	335	24-Jun-19	500	455	7.66	39.0
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	336	01-Jul-19	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	337	08-Jul-19	500	465	7.34	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	338	15-Jul-19	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	339	22-Jul-19	500	480	7.62	33
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	340	29-Jul-19	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	341	05-Aug-19	500	465	7.55	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	342	12-Aug-19	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	343	19-Aug-19	500	455	7.57	45
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	344	26-Aug-19	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	345	02-Sep-19	500	465	7.67	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	346	09-Sep-19	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	347	16-Sep-19	500	475	7.53	31
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	348	23-Sep-19	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	349	30-Sep-19	500	450	7.59	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	350	07-Oct-19	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	351	14-Oct-19	500	495	7.52	29
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	352	21-Oct-19	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	353	28-Oct-19	500	460	7.59	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	354	04-Nov-19	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	355	11-Nov-19	500	475	7.50	30
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	356	18-Nov-19	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	357	25-Nov-19	500	470	7.45	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	358	02-Dec-19	500	460		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	255	2.9	<0.5	<0.5	10.9			<0.5					13.8	0.151	<0.00002	0.00258
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	290	2.5	<0.5	<0.5	17.4			0.5					20.6	0.183	<0.00002	0.00388
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	250	3.0	<0.5	<0.5	14.7			<0.5					15.3	0.180	<0.00002	0.00284
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	3.2	<0.5	0.7	15.4			<0.5					16.0	0.165	<0.00002	0.00265
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	295	3.2	<0.5	<0.5	15.5			<0.5					17.7	0.170	<0.00002	0.00302
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	290	1.3	<0.5	<0.5	13.4			0.6					14.4	0.134	<0.00002	0.00205
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	270	3.0	<0.5	0.8	13.0			1.1					16.9	0.149	<0.00002	0.00250
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	280	3.4	<0.5	0.5	11.5			0.7					15.2	0.134	<0.00002	0.00204
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	310	3.1	<0.5	0.9	13.7			1.7					20.6	0.181	<0.00002	0.00288
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	365	2.9	<0.5	0.8	10.2			<0.5					13.8	0.133	<0.00002	0.00201
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	285	2.7	<0.5	<0.5	8.1			1.0					13.0	0.109	<0.00002	0.00151
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	290	3.4	<0.5	<0.5	8.7			0.7					14.2	0.122	<0.00002	0.00155
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00076	<0.00001	<0.000005	<0.05	0.00016	<0.000005	5.00	<0.0001	0.000022	0.00016	<0.00005	0.003	<0.000005	0.0012	0.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00096	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.50	<0.0001	0.000029	0.00017	<0.00005	0.008	<0.000005	0.0013	0.44
BR02-10	HC-26															
BR02-10	HC-26	0.00082	<0.00001	<0.000005	<0.05	0.00016	<0.000005	5.59	<0.0001	0.000025	0.00013	<0.00005	0.006	0.000010	0.0013	0.33
BR02-10	HC-26															
BR02-10	HC-26	0.00076	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.84	<0.0001	0.000019	0.00016	<0.00005	0.003	<0.000005	0.0014	0.34
BR02-10	HC-26															
BR02-10	HC-26	0.00092	<0.00001	<0.000005	<0.05	0.00014	<0.000005	6.47	<0.0001	0.000021	0.00045	<0.00005	0.004	<0.000005	0.0014	0.38
BR02-10	HC-26															
BR02-10	HC-26	0.00079	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.24	<0.0001	0.000026	0.00016	<0.00005	0.008	0.000008	0.0013	0.32
BR02-10	HC-26															
BR02-10	HC-26	0.00100	<0.00001	<0.000005	<0.05	0.00014	<0.000005	6.15	<0.0001	0.000028	0.00018	<0.00005	0.006	0.000035	0.0015	0.38
BR02-10	HC-26															
BR02-10	HC-26	0.00214	<0.00001	<0.000005	<0.05	0.00015	0.000007	5.52	<0.0001	0.000029	0.00017	<0.00005	0.003	0.000076	0.0015	0.35
BR02-10	HC-26															
BR02-10	HC-26	0.00111	<0.00001	<0.000005	<0.05	0.00018	<0.000005	7.47	<0.0001	0.000031	0.00028	<0.00005	0.013	<0.000005	0.0018	0.47
BR02-10	HC-26															
BR02-10	HC-26	0.00078	<0.00001	<0.000005	<0.05	0.00014	<0.000005	5.01	<0.0001	0.000034	0.00033	<0.00005	0.015	0.000007	0.0012	0.30
BR02-10	HC-26															
BR02-10	HC-26	0.00190	<0.00001	<0.000005	<0.05	0.00016	0.000034	4.70	<0.0001	0.000048	0.00031	<0.00005	0.008	0.000037	0.0014	0.31
BR02-10	HC-26															
BR02-10	HC-26	0.00092	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.15	<0.0001	0.000033	0.00030	<0.00005	0.012	<0.000005	0.0011	0.33
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00013	<0.00001	<0.002	0.00011	0.00008	0.62	0.00392	0.00005	0.8	<0.000005	0.07	0.00253	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00019	<0.00001	<0.002	0.00011	0.00004	0.83	0.00501	0.00007	1.1	<0.000005	0.09	0.00354	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26	0.00018	<0.00001	<0.002	0.00009	0.00006	0.66	0.00440	0.00007	0.9	<0.000005	0.06	0.00280	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26	0.00008	<0.00001	<0.002	0.00010	0.00003	0.63	0.00410	0.00007	1.0	<0.000005	0.07	0.00282	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00025	<0.00001	<0.002	0.00012	0.00003	0.70	0.00414	0.00006	1.1	<0.000005	0.08	0.00310	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26	0.00015	<0.00001	<0.002	0.00009	0.00004	0.60	0.00391	0.00006	0.9	<0.000005	0.06	0.00255	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26	0.00011	<0.00001	<0.002	0.00009	0.00006	0.66	0.00439	0.00007	1.1	<0.000005	0.07	0.00310	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00013	<0.00001	<0.002	0.00011	0.00007	0.62	0.00403	0.00008	0.9	<0.000005	0.06	0.00276	<10	<0.00002	0.000008
BR02-10	HC-26															
BR02-10	HC-26	0.00028	<0.00001	<0.002	0.00013	0.00007	0.81	0.00514	0.00007	1.3	<0.000005	0.11	0.00380	<10	<0.00002	0.000006
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00024	<0.00001	<0.002	0.00009	0.00005	0.59	0.00369	0.00006	0.9	<0.000005	0.07	0.00228	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00024	<0.00001	<0.002	0.00009	0.00012	0.51	0.00391	0.00006	0.8	<0.000005	0.07	0.00232	<10	<0.00002	0.000016
BR02-10	HC-26															
BR02-10	HC-26	0.00020	<0.00001	<0.002	0.00009	0.00008	0.56	0.00380	0.00007	0.8	<0.000005	0.07	0.00243	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000002	0.0015	<0.0001	<0.0001	<0.002				0.28	0.31	-5.60
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	0.000004	0.0021	0.0003	<0.0001	<0.002				0.477	0.457	2.14
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0016	0.0001	<0.0001	<0.002				0.356	0.346	1.42
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0016	<0.0001	<0.0001	<0.002				0.373	0.356	2.33
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0017	<0.0001	<0.0001	<0.002				0.377	0.395	-2.33
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0013	<0.0001	<0.0001	<0.002				0.311	0.322	-1.74
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	0.000004	0.0013	<0.0001	<0.0001	<0.002				0.353	0.375	-3.02
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	0.000017	0.0013	0.0007	<0.0001	<0.002				0.320	0.338	-2.74
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00003	0.000002	0.0018	0.0001	<0.0001	<0.002				0.386	0.457	-8.42
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0012	0.0001	<0.0001	<0.002				0.265	0.308	-7.50
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	0.000003	0.0009	<0.0001	<0.0001	<0.002				0.247	0.289	-7.84
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0010	0.0002	<0.0001	<0.002				0.266	0.315	-8.43
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	359	09-Dec-19	500	490	7.49	29
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	360	16-Dec-19	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	361	23-Dec-19	500	470	7.37	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	362	30-Dec-19	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	363	06-Jan-20	500	465	7.30	34
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	364	13-Jan-20	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	365	20-Jan-20	500	460	7.49	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	366	27-Jan-20	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	367	03-Feb-20	500	485	7.46	30
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	368	10-Feb-20	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	369	17-Feb-20	500	500	7.29	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	370	24-Feb-20	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	371	02-Mar-20	500	480	7.50	34
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	372	09-Mar-20	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	373	16-Mar-20	500	475	7.52	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	374	23-Mar-20	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	375	30-Mar-20	500	500	7.46	27
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	376	06-Apr-20	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	377	13-Apr-20	500	475	7.45	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	378	20-Apr-20	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	379	27-Apr-20	500	490	7.45	30
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	380	04-May-20	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	381	11-May-20	500	470	7.51	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	382	18-May-20	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	383	25-May-20	500	485	7.33	34
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	384	01-Jun-20	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	385	08-Jun-20	500	480	7.57	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	386	15-Jun-20	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	387	22-Jun-20	500	495	7.62	34
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	388	29-Jun-20	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	389	06-Jul-20	500	455	7.61	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	390	13-Jul-20	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	391	20-Jul-20	500	485	7.45	32
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	392	27-Jul-20	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	393	03-Aug-20	500	475	7.70	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	394	10-Aug-20	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	395	17-Aug-20	500	475	7.64	34
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	396	24-Aug-20	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	397	31-Aug-20	500	490	7.65	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	398	07-Sep-20	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	399	14-Sep-20	500	465	7.51	40
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	400	21-Sep-20	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	401	28-Sep-20	500	485	7.51	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	402	05-Oct-20	500	455		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	403	12-Oct-20	500	490	7.37	32
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	404	19-Oct-20	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	405	26-Oct-20	500	470	7.47	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	406	02-Nov-20	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	407	09-Nov-20	500	465	7.44	33
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	408	16-Nov-20	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	409	23-Nov-20	500	495	7.64	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26	350	2.6	<0.5	0.5	8.9			<0.5					12.3	0.116	<0.00002	0.00132
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	335	3.1	<0.5	<0.5	9.9			<0.5					14.1	0.153	<0.00002	0.00233
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	320	2.8	<0.5	<0.5	9.8			1.0					13.6	0.131	<0.00002	0.00206
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	310	2.3	<0.5	<0.5	11.6			<0.5					14.5	0.148	<0.00002	0.00247
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	315	2.5	<0.5	<0.5	9.0			<0.5					12.0	0.117	<0.00002	0.00144
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	320	2.9	<0.5	<0.5	9.7			<0.5					12.9	0.136	<0.00002	0.00194
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	290	2.7	<0.5	<0.5	9.1			<0.5					12.9	0.165	<0.00002	0.00254
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	300	2.7	<0.5	<0.5	11.1			<0.5					14.2	0.171	<0.00002	0.00250
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	310	2.7	<0.5	<0.5	11.3			0.6					14.4	0.146	<0.00002	0.00198
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	315	6.3	<0.5	<0.5	11.1			0.5					19.2	0.153	<0.00002	0.00216
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	320	2.4	<0.5	<0.5	13.1			<0.5					17.1	0.128	<0.00002	0.00214
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	320	2.7	<0.5	<0.5	9.9			0.6					12.7	0.111	<0.00002	0.00161
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	325	3.1	<0.5	<0.5	11.9			<0.5					13.5	0.139	<0.00002	0.00203
BR02-10	HC-26																
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26	0.00089	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.42	<0.0001	0.000042	0.00031	<0.00005	0.010	<0.000005	0.0012	0.30
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00088	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.11	<0.0001	0.000027	0.00028	<0.00005	0.009	0.000007	0.0011	0.32
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00083	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.92	<0.0001	0.000021	0.00019	<0.00005	0.004	<0.000005	0.0013	0.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00090	<0.00001	<0.000005	<0.05	0.00014	<0.000005	5.24	<0.0001	0.000023	0.00023	<0.00005	0.005	<0.000005	0.0012	0.33
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00093	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.29	<0.0001	0.000030	0.00035	<0.00005	0.012	<0.000005	0.0012	0.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00096	<0.00001	<0.000005	<0.05	0.00012	0.000011	4.61	<0.0001	0.000570	0.00056	<0.00005	0.018	0.000011	0.0012	0.34
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00061	<0.00001	<0.000005	<0.05	0.00011	<0.000005	4.68	<0.0001	0.000164	0.00022	<0.00005	0.004	<0.000005	0.0011	0.30
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00073	<0.00001	<0.000005	<0.05	0.00014	0.000111	5.14	<0.0001	0.000020	0.00073	<0.00005	0.004	0.000049	0.0013	0.34
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00075	<0.00001	<0.000005	<0.05	0.00013	0.000020	5.19	<0.0001	0.000019	0.00023	<0.00005	0.009	0.000015	0.0012	0.36
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00250	<0.00001	<0.000005	<0.05	0.00012	<0.000005	6.97	<0.0001	0.000033	0.00041	<0.00005	0.005	0.000011	0.0012	0.44
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00105	<0.00001	<0.000005	<0.05	0.00015	<0.000005	6.16	<0.0001	0.000022	0.00060	<0.00005	0.001	<0.000005	0.0015	0.42
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00066	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.50	<0.0001	0.000019	0.00023	<0.00005	0.002	<0.000005	0.0012	0.36
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00080	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.82	<0.0001	0.000015	0.00027	<0.00005	0.002	<0.000005	0.0011	0.36
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26	0.00022	<0.00001	<0.002	0.00007	0.00008	0.51	0.00363	0.00006	0.8	<0.000005	0.07	0.00220	<10	0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00018	<0.00001	<0.002	0.00010	0.00005	0.58	0.00370	0.00008	0.9	<0.000005	0.08	0.00252	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00012	<0.00001	0.003	0.00010	0.00004	0.53	0.00355	0.00009	0.9	<0.000005	0.06	0.00241	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00011	<0.00001	0.004	0.00009	0.00004	0.56	0.00366	0.00008	1.0	<0.000005	0.06	0.00268	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00020	<0.00001	0.004	0.00007	0.00006	0.51	0.00315	0.00006	0.8	<0.000005	0.06	0.00220	<10	<0.00002	<0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00060	<0.00001	0.003	0.00008	0.00080	0.55	0.00369	0.00008	0.9	<0.000005	0.07	0.00242	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00024	<0.00001	0.002	0.00009	0.00024	0.55	0.00345	0.00006	0.9	<0.000005	0.05	0.00223	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00109	<0.00001	0.003	0.00010	0.00008	0.59	0.00405	0.00008	1.0	<0.000005	0.07	0.00264	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00016	<0.00001	<0.002	0.00009	0.00010	0.58	0.00374	0.00007	0.9	<0.000005	0.07	0.00241	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00117	<0.00001	0.007	0.00016	0.00086	0.82	0.00377	0.00008	0.9	0.000005	0.07	0.00244	<10	<0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00013	<0.00001	0.004	0.00009	0.00013	0.65	0.00437	0.00007	1.1	<0.000005	0.08	0.00300	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00010	<0.00001	0.004	0.00009	0.00012	0.54	0.00356	0.00007	0.8	0.000006	0.06	0.00221	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00008	<0.00001	<0.002	0.00009	0.00003	0.58	0.00378	0.00007	0.9	<0.000005	0.07	0.00267	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26	<0.000005	<0.0002	0.0005	0.00002	0.000003	0.0011	<0.0001	<0.0001	<0.002				0.232	0.274	-8.30
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0015	<0.0001	<0.0001	<0.002				0.263	0.317	-9.31
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	0.000002	0.0014	0.0001	<0.0001	<0.002				0.283	0.302	-3.25
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	0.000002	0.0015	0.0001	<0.0001	<0.002				0.281	0.323	-6.95
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00003	<0.000002	0.0011	<0.0001	<0.0001	<0.002				0.230	0.269	-7.82
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0008	0.00003	0.000009	0.0013	0.0008	<0.0001	<0.002				0.253	0.291	-6.99
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	0.000006	0.0017	0.0002	<0.0001	<0.002				0.238	0.293	-10.4
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0018	0.0064	<0.0001	<0.002				0.377	0.322	7.87
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0005	0.00004	<0.000002	0.0014	0.0008	<0.0001	<0.002				0.299	0.323	-3.86
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	0.0004	<0.0005	0.00006	0.000035	0.0017	<0.0001	<0.0001	<0.002				0.368	0.446	-9.58
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0015	0.0003	<0.0001	<0.002				0.312	0.376	-9.30
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0013	0.0001	<0.0001	<0.002				0.270	0.283	-2.35
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.000008	<0.0002	<0.0005	0.00004	<0.000002	0.0013	<0.0001	<0.0001	<0.002				0.301	0.304	-0.500
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	410	30-Nov-20	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	411	07-Dec-20	500	470	7.64	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	412	14-Dec-20	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	413	21-Dec-20	500	485	7.54	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	414	28-Dec-20	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	415	04-Jan-21	500	485	7.61	30
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	416	11-Jan-21	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	417	18-Jan-21	500	460	7.61	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	418	25-Jan-21	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	419	01-Feb-21	500	485	7.53	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	420	08-Feb-21	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	421	15-Feb-21	500	490	7.57	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	422	22-Feb-21	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	423	01-Mar-21	500	495	7.52	30
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	424	08-Mar-21	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	425	15-Mar-21	500	485	7.50	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	426	22-Mar-21	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	427	29-Mar-21	500	480	7.48	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	428	05-Apr-21	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	429	12-Apr-21	500	475	7.41	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	430	19-Apr-21	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	431	26-Apr-21	500	485	7.46	27
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	432	03-May-21	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	433	10-May-21	500	475	7.33	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	434	17-May-21	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	435	24-May-21	500	485	7.43	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	436	31-May-21	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	437	07-Jun-21	500	480	7.41	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	438	14-Jun-21	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	439	21-Jun-21	500	485	7.31	28
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	440	28-Jun-21	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	441	05-Jul-21	500	460	7.54	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	442	12-Jul-21	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	443	19-Jul-21	500	455	7.33	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	444	26-Jul-21	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	445	02-Aug-21	500	480	7.40	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	446	09-Aug-21	500	450		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	447	16-Aug-21	500	455	7.56	37
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	448	23-Aug-21	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	449	30-Aug-21	500	460	7.57	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	450	06-Sep-21	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	451	13-Sep-21	500	475	7.49	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	452	20-Sep-21	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	453	27-Sep-21	500	480	7.51	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	454	04-Oct-21	500	500		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	455	11-Oct-21	500	495	7.47	27
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	456	18-Oct-21	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	457	25-Oct-21	500	495	7.30	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	458	01-Nov-21	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	459	08-Nov-21	500	485	7.49	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	460	15-Nov-21	500	490		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26		2.8	<0.5	<0.5	12.7											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	335	2.3	<0.5	<0.5	10.3			<0.5					13.6	0.127	<0.00002	0.00169
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.6	<0.5	<0.5	12.2											
BR02-10	HC-26																
BR02-10	HC-26	330	1.9	<0.5	<0.5	10.6			<0.5					13.1	0.128	0.00059	0.00211
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.6	<0.5	<0.5	9.2											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	335	2.6	<0.5	<0.5	9.1			<0.5					11.3	0.108	<0.00002	0.00139
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		3.2	<0.5	<0.5	11.4											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	320	3.7	<0.5	0.6	9.4			<0.5					11.8	0.107	<0.00002	0.00116
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.7	<0.5	<0.5	7.2											
BR02-10	HC-26																
BR02-10	HC-26	335	3.5	<0.5	0.6	12.7			<0.5					15.6	0.122	<0.00002	0.00195
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.3	<0.5	0.6	7.7											
BR02-10	HC-26																
BR02-10	HC-26	320	2.7	<0.5	<0.5	8.5			<0.5					9.7	0.0843	<0.00002	0.00106
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		3.2	<0.5	1.3	7.4											
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00064	<0.00001	<0.000005	<0.05	0.00012	<0.000005	4.80	<0.0001	0.000014	0.00011	<0.00005	0.001	<0.000005	0.0013	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00072	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.62	<0.0001	0.000022	0.00142	<0.00005	0.003	0.000021	0.0013	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00085	<0.00001	<0.000005	<0.05	0.00012	<0.000005	3.95	<0.0001	0.000022	0.00029	<0.00005	0.006	<0.000005	0.0012	0.35
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00168	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.08	<0.0001	0.000038	0.00061	<0.00005	0.016	0.000016	0.0011	0.39
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00127	<0.00001	<0.000005	<0.05	0.00014	<0.000005	5.50	<0.0001	0.000023	0.00021	<0.00005	0.004	<0.000005	0.0014	0.45
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00069	<0.00001	<0.000005	<0.05	0.00009	<0.000005	3.31	<0.0001	0.000022	0.00017	<0.00005	0.004	<0.000005	0.0008	0.34
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00071	<0.00001	0.003	0.00008	0.00005	0.57	0.00361	0.00008	1.0	<0.000005	0.08	0.00265	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00012	0.00003	0.004	0.00023	0.00015	0.52	0.00358	0.00007	1.0	0.000008	0.08	0.00259	<10	<0.00002	0.000005
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00008	<0.00001	0.005	0.00007	0.00008	0.48	0.00306	0.00007	0.8	<0.000005	0.05	0.00197	<10	<0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00030	<0.00001	<0.002	0.00008	0.00005	0.49	0.00334	0.00008	0.9	<0.000005	0.07	0.00320	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00010	<0.00001	<0.002	0.00012	0.00002	0.58	0.00381	0.00012	1.2	<0.000005	0.07	0.00288	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00024	<0.00001	<0.002	<0.00005	0.00007	0.39	0.00253	0.00006	0.7	<0.000005	<0.05	0.00173	<10	<0.00002	<0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0012	<0.0001	<0.0001	<0.002				0.256	0.303	-8.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00005	0.000002	0.0012	0.0003	<0.0001	0.032				0.251	0.293	-7.72
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0009	<0.0001	<0.0001	<0.002				0.237	0.253	-3.27
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	0.0007	0.00004	<0.000002	0.0009	0.0002	<0.0001	<0.002				0.265	0.264	0.190
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00007	<0.000002	0.0014	0.0002	<0.0001	<0.002				0.326	0.343	-2.54
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0007	0.0001	<0.0001	<0.002				0.226	0.213	2.96
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	461	22-Nov-21	500	480	7.61	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	462	29-Nov-21	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	463	06-Dec-21	500	455	7.50	26
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	464	13-Dec-21	500	445		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	465	20-Dec-21	500	475	7.62	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	466	27-Dec-21	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	467	03-Jan-22	500	475	7.45	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	468	10-Jan-22	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	469	17-Jan-22	500	480	7.36	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	470	24-Jan-22	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	471	31-Jan-22	500	475	7.31	25
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	472	07-Feb-22	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	473	14-Feb-22	500	470	7.60	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	474	21-Feb-22	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	475	28-Feb-22	500	470	7.52	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	476	07-Mar-22	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	477	14-Mar-22	500	480	7.50	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	478	21-Mar-22	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	479	28-Mar-22	500	470	7.52	26
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	480	04-Apr-22	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	481	11-Apr-22	500	470	7.54	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	482	18-Apr-22	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	483	25-Apr-22	500	480	7.51	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	484	02-May-22	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	485	09-May-22	500	465	7.48	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	486	16-May-22	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	487	23-May-22	500	475	7.47	26
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	488	30-May-22	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	489	06-Jun-22	500	475	7.50	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	490	13-Jun-22	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	491	20-Jun-22	500	470	7.41	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	492	27-Jun-22	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	493	04-Jul-22	500	460	7.57	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	494	11-Jul-22	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	495	18-Jul-22	500	460	7.47	29
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	496	25-Jul-22	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	497	01-Aug-22	500	465	7.54	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	498	08-Aug-22	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	499	15-Aug-22	500	470	7.53	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	500	22-Aug-22	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	501	29-Aug-22	500	450	7.54	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	502	05-Sep-22	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	503	12-Sep-22	500	450	7.51	30
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	504	19-Sep-22	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	505	26-Sep-22	500	455	7.41	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	506	03-Oct-22	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	507	10-Oct-22	500	470	7.35	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	508	17-Oct-22	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	509	24-Oct-22	500	470	6.94	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	510	31-Oct-22	500	500		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	511	07-Nov-22	500	480	7.49	20

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	310	2.6	<0.5	1.1	9.4			<0.5					10.9	0.0707	<0.00002	0.00092
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		3.0	<0.5	<0.5	11.0											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	305	3.2	<0.5	0.8	8.4			<0.5					10.5	0.0909	<0.00002	0.00128
BR02-10	HC-26																
BR02-10	HC-26		3.0	<0.5	<0.5	8.3											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	305	2.6	<0.5	<0.5	9.1			<0.5					10.7	0.109	<0.00002	0.00155
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		3	<0.5	<0.5	8.1											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	310	3.0	<0.5	<0.5	9.0			0.6					10.7	0.0881	<0.00002	0.00130
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		4.0	<0.5	<0.5	8.3											
BR02-10	HC-26																
BR02-10	HC-26	305	3.1	<0.5	2.1	8.7			0.6					12.4	0.106	<0.00002	0.00164
BR02-10	HC-26																
BR02-10	HC-26		3.5	<0.5	<0.5	8.2											
BR02-10	HC-26																
BR02-10	HC-26	300	2.5	<0.5	<0.5	10.4			<0.5					12.2	0.0749	<0.00002	0.00112
BR02-10	HC-26																
BR02-10	HC-26		2.6	<0.5	<0.5	7.2											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	330	2.5	<0.5	<0.5	6.9			<0.5					9.8	0.0650	<0.00002	0.00102

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00083	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.74	<0.0001	0.000029	0.00052	<0.00005	0.006	<0.000005	0.0009	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00073	<0.00001	<0.000005	<0.05	0.00012	<0.000005	3.58	<0.0001	0.000022	0.00023	<0.00005	0.003	<0.000005	0.0009	0.37
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00067	<0.00001	<0.000005	<0.05	0.00012	<0.000005	3.70	<0.0001	0.000019	0.00028	<0.00005	0.003	<0.000005	0.0010	0.37
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00058	<0.00001	<0.000005	<0.05	0.00010	<0.000005	3.66	<0.0001	0.000015	0.00022	<0.00005	0.002	<0.000005	0.0011	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00090	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.24	<0.0001	0.000013	0.00019	<0.00005	0.002	<0.000005	0.0012	0.45
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00088	<0.00001	<0.000005	<0.05	0.00012	<0.000005	4.15	<0.0001	0.000022	0.00027	<0.00005	0.006	<0.000005	0.0009	0.45
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00073	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.32	<0.0001	0.000020	0.00020	<0.00005	0.002	<0.000005	0.0008	0.38

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00029	<0.00001	0.003	0.00006	0.00018	0.45	0.00289	0.00008	0.8	<0.000005	0.06	0.00195	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00021	<0.00001	<0.002	0.00006	0.00004	0.46	0.00319	0.00008	0.9	<0.000005	0.05	0.00183	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00012	<0.00001	<0.002	0.00006	<0.00002	0.47	0.00340	0.00008	1.0	<0.000005	0.06	0.00196	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00009	<0.00001	<0.002	0.00008	0.00003	0.46	0.00312	0.00009	0.9	<0.000005	0.06	0.00184	<10	<0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00040	<0.00001	<0.002	0.00008	0.00003	0.53	0.00341	0.00009	1.2	<0.000005	0.07	0.00481	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00018	<0.00001	<0.002	0.00007	0.00004	0.53	0.00317	0.00009	0.9	<0.000005	0.07	0.00195	<10	<0.00002	0.000004
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00013	<0.00001	0.003	0.00006	0.00004	0.42	0.00274	0.00008	0.8	<0.000005	0.07	0.00169	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0007	0.0001	<0.0001	<0.002				0.243	0.240	0.620
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00004	0.000004	0.0010	<0.0001	<0.0001	<0.002				0.233	0.234	-0.210
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00005	0.000002	0.0012	<0.0001	<0.0001	<0.002				0.237	0.241	-0.840
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0010	<0.0001	<0.0001	<0.002				0.261	0.238	4.61
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00008	<0.000002	0.0012	<0.0001	<0.0001	<0.002				0.256	0.277	-3.94
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00007	<0.000002	0.0009	0.0001	0.0001	<0.002				0.260	0.269	-1.70
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00006	0.000003	0.0009	<0.0001	<0.0001	<0.002				0.191	0.218	-6.60

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	512	14-Nov-22	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	513	21-Nov-22	500	480	7.35	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	514	28-Nov-22	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	515	05-Dec-22	500	475	7.25	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	516	12-Dec-22	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	517	19-Dec-22	500	455	7.29	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	518	26-Dec-22	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	519	02-Jan-23	500	470	7.28	22
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	520	09-Jan-23	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	521	16-Jan-23	500	480	7.29	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	522	23-Jan-23	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	523	30-Jan-23	500	470	7.23	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	524	06-Feb-23	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	525	13-Feb-23	500	450	7.25	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	526	20-Feb-23	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	527	27-Feb-23	500	475	7.35	27
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	528	06-Mar-23	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	529	13-Mar-23	500	475	7.35	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	530	20-Mar-23	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	531	27-Mar-23	500	470	7.18	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	532	03-Apr-23	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	533	10-Apr-23	500	475	7.25	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	534	17-Apr-23	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	535	24-Apr-23	500	475	7.26	22
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	536	01-May-23	500	465		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	537	08-May-23	500	460	7.32	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	538	15-May-23	500	500		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	539	22-May-23	500	470	7.18	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	540	29-May-23	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	541	05-Jun-23	500	485	7.11	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	542	12-Jun-23	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	543	19-Jun-23	500	500	7.17	22
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	544	26-Jun-23	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	545	03-Jul-23	500	470	7.13	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	546	10-Jul-23	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	547	17-Jul-23	500	500	7.07	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	548	24-Jul-23	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	549	31-Jul-23	500	475	7.04	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	550	07-Aug-23	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	551	14-Aug-23	500	490	7.14	19
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	552	21-Aug-23	500	485		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	553	28-Aug-23	500	475	7.24	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	554	04-Sep-23	500	480		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	555	11-Sep-23	500	465	7.16	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	556	18-Sep-23	500	500		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	557	25-Sep-23	500	500	7.28	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	558	02-Oct-23	500	470		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	559	09-Oct-23	500	480	7.30	25
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	560	16-Oct-23	500	490		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	561	23-Oct-23	500	480	7.32	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	562	30-Oct-23	500	460		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		1.8	<0.5	0.5	7.0											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	335	2.4	<0.5	<0.5	9.2			<0.7					10.3	0.0802	<0.00002	0.00130
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.7	<0.5	<0.5	6.4											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	340	2.5	<0.5	0.6	9.9			<0.5					11.7	0.0714	<0.00002	0.00135
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.7	<0.5	<0.5	9.1											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	340	2.5	<0.5	0.5	7.1			<0.5					9.7	0.0476	<0.00002	0.00077
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		3.5	<0.5	<0.5	7.3											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	340	2.7	<0.5	<0.5	7.8			<0.5					8.9	0.0625	<0.00002	0.00096
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.3	<0.5	2.3	4.3											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	370	2.4	<0.5	<0.5	6.6			<0.5					7.7	0.0592	<0.00002	0.00082
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.6	<0.5	3.1	7.2											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	320	2.8	<0.5	2.1	7.5			<0.5					10.0	0.0531	0.00004	0.00089
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00064	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.46	<0.0001	0.000015	0.00016	<0.00005	0.001	<0.000005	0.0010	0.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00067	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.93	<0.0001	0.000015	0.00131	<0.00005	<0.001	<0.000005	0.0011	0.45
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00080	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.19	<0.0001	0.000017	0.00021	<0.00005	0.001	<0.000005	0.0012	0.43
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00050	<0.00001	<0.000005	<0.05	0.00011	<0.000005	2.95	<0.0001	0.000022	0.00016	<0.00005	0.002	<0.000005	0.0011	0.36
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00055	<0.00001	<0.000005	<0.05	0.00011	<0.000005	2.55	<0.0001	0.000026	0.00033	<0.00005	0.002	<0.000005	0.0008	0.33
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00066	<0.00001	<0.000005	<0.05	0.00010	<0.000005	3.22	0.0002	0.000020	0.00019	<0.00005	0.002	0.000029	0.0011	0.46
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00012	<0.00001	0.002	0.00006	0.00003	0.46	0.00322	0.00007	1.0	<0.000005	0.05	0.00356	<10	<0.00002	<0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00033	<0.00001	0.011	0.00005	0.00006	0.50	0.00339	0.00008	1.1	<0.000005	0.07	0.00214	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00010	<0.00001	0.002	0.00006	0.00004	0.42	0.00317	0.00009	0.8	<0.000005	0.06	0.00213	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00011	<0.00001	0.002	<0.00005	0.00006	0.42	0.00310	0.00009	0.9	<0.000005	0.06	0.00155	<10	<0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00017	<0.00001	0.003	<0.00005	0.00016	0.40	0.00288	0.00009	0.8	<0.000005	0.05	0.00151	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00016	<0.00001	0.004	0.00006	0.00008	0.43	0.00311	0.00011	0.9	<0.000005	0.06	0.00443	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	0.0005	0.00008	<0.000002	0.0010	<0.0001	<0.0001	<0.002				0.236	0.229	1.51
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00009	0.000005	0.0011	0.0003	<0.0001	<0.002				0.249	0.257	-1.58
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0007	<0.0001	<0.0001	<0.002				0.195	0.213	-4.41
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00007	0.000013	0.0009	<0.0001	<0.0001	<0.002				0.214	0.198	3.88
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00006	<0.000002	0.0009	0.0004	<0.0001	<0.002				0.181	0.174	1.97
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	0.0009	0.00007	0.000004	0.0009	0.0003	<0.0001	<0.002				0.208	0.219	-2.58
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	563	06-Nov-23	500	490	7.27	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	564	13-Nov-23	500	460		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	565	20-Nov-23	500	470	7.35	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	566	27-Nov-23	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	567	04-Dec-23	500	495	7.31	22
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	568	11-Dec-23	500	475		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	569	18-Dec-23	500	450	7.33	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	570	25-Dec-23	500	440		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	571	01-Jan-24	500	480	7.34	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	572	08-Jan-24	500	495		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	573	15-Jan-24	500	470	7.23	
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	574	22-Jan-24	500	500		
BR02-10	HC-26	Llama	Gabbro	12GSE168	172.26	182.26	0.15	0.14	0.03	10.50	8.54	575	29-Jan-24	500	480	7.35	25

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
					RDL	n/a	n/a	n/a	0.5								
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	0	21-Jan-13	750	595	9.43	108
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	1	28-Jan-13	500	470	9.04	113
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	2	04-Feb-13	500	475	8.93	127
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	3	11-Feb-13	500	470	8.78	113
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	4	18-Feb-13	500	490	8.53	119
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	5	25-Feb-13	500	475	7.92	87.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	6	04-Mar-13	500	460	8.83	72.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	7	11-Mar-13	500	485	8.31	78.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	8	18-Mar-13	500	465	8.78	66.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	9	25-Mar-13	500	465	8.54	77.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	10	01-Apr-13	500	495	8.55	78.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	11	08-Apr-13	500	480	8.70	62.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	13	15-Apr-13	500	480	8.54	76.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	14	22-Apr-13	500	480	8.56	70.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	15	29-Apr-13	500	470	8.19	78.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	16	06-May-13	500	455	8.02	60.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	17	13-May-13	500	465	8.70	67.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	18	20-May-13	500	475	7.83	69.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	19	27-May-13	500	490	8.47	60.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	19	03-Jun-13	500	490	8.36	58.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	20	10-Jun-13	500	490		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	21	17-Jun-13	500	475	8.33	75.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	22	24-Jun-13	500	455		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	23	01-Jul-13	500	465	7.77	53.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	24	08-Jul-13	500	480		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	25	15-Jul-13	500	455	8.27	53.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	26	22-Jul-13	500	465		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	27	29-Jul-13	500	475	8.31	64.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	28	05-Aug-13	500	475		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	29	12-Aug-13	500	495	8.31	57.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-10	HC-26		2.7	<0.5	1.9	6.8											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	162	2.4	<0.5	<0.5	5.5			<0.5					8.4	0.0754	<0.00002	0.00120
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26		2.6	<0.5	<0.5	6.5											
BR02-10	HC-26																
BR02-10	HC-26																
BR02-10	HC-26	168	3.2	<0.5	<0.5	7.3			<0.5					9.8	0.0602	<0.00002	0.00110

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-11	HC-27	105	3.2	<0.5	<0.5	35.1	0.15	0.033	5.4	0.08	0.013			12.7	0.312	0.00030	0.00079
BR02-11	HC-27	110	8.2	<0.5	<0.5	34.5	0.12	0.020	3.5	0.02	0.006			20.4	0.691	0.00028	0.00690
BR02-11	HC-27	110	12.5	<0.5	<0.5	37.1	0.11	0.017	2.5	<0.02	<0.005			22.5	0.339	0.00024	0.0109
BR02-11	HC-27	120	13.1	<0.5	<0.5	35.0	0.11	<0.01	1.7	<0.02	<0.005			24.6	0.340	0.00019	0.0167
BR02-11	HC-27	120	12.8	<0.5	<0.5	38.0	0.13	<0.01	1.1	<0.02	<0.005			28.7	0.311	0.00017	0.0203
BR02-11	HC-27	125	7.9	<0.5	<0.5	38.1	0.08	<0.01	0.6					27.0	0.351	0.00012	0.0190
BR02-11	HC-27	160	6.8	<0.5	<0.5	30.3	0.05	<0.01	0.8					24.1	0.293	0.00010	0.0171
BR02-11	HC-27	140	7.4	<0.5	<0.5	31.9	0.05	<0.01	0.9					25.8	0.291	0.00010	0.0215
BR02-11	HC-27	130	5.7	<0.5	<0.5	25.1	<0.05	<0.01	<0.5					24.8	0.257	0.00007	0.0200
BR02-11	HC-27	140	7.0	<0.5	<0.5	31.8	0.05	<0.01	<0.5					27.2	0.258	0.00008	0.0237
BR02-11	HC-27	130	6.0	<0.5	<0.5	32.1	<0.05	<0.01	1.0					27.6	0.267	0.00008	0.0280
BR02-11	HC-27	140	4.5	<0.5	<0.5	26.8	<0.05	<0.01	0.6					26.2	0.265	0.00005	0.0239
BR02-11	HC-27	160	5.3	<0.5	<0.5	33.9	<0.05	<0.01	0.8					31.4	0.291	0.00008	0.0370
BR02-11	HC-27	150	4.4	<0.5	<0.5	31.9	<0.05	<0.01	0.6					27.4	0.272	0.00006	0.0336
BR02-11	HC-27	150	5.8	<0.5	<0.5	33.4	<0.05	<0.01	0.7					27.7	0.309	0.00005	0.0388
BR02-11	HC-27	140	4.9	<0.5	<0.5	26.5	<0.05	<0.01	0.6					24.3	0.284	0.00004	0.0301
BR02-11	HC-27	130	6.7	<0.5	<0.5	29.5	<0.05	<0.01	<0.5					27.8	0.348	0.00005	0.0387
BR02-11	HC-27	130	6.2	<0.5	<0.5	28.0	<0.05	<0.01	<0.5					27.5	0.239	0.00004	0.0319
BR02-11	HC-27	135	4.7	<0.5	<0.5	27.6	<0.05	<0.01	<0.5					25.0	0.230	0.00004	0.0301
BR02-11	HC-27	150	4.9	<0.5	<0.5	22.9	<0.05	<0.01	0.6					23.7	0.208	0.00005	0.0305
BR02-11	HC-27																
BR02-11	HC-27	140	6.3	<0.5	<0.5	29.1	<0.05	<0.01	<0.5					31.7	0.266	0.00005	0.0568
BR02-11	HC-27																
BR02-11	HC-27	140	4.0	<0.5	<0.5	22.5	<0.05	<0.01	<0.5					22.1	0.206	0.00003	0.0304
BR02-11	HC-27																
BR02-11	HC-27	145	4.0	<0.5	0.9	24.7	<0.05	<0.01	0.7					22.8	0.276	0.00002	0.0368
BR02-11	HC-27																
BR02-11	HC-27	140	4.0	<0.5	<0.5	28.6	<0.05	<0.01	<0.5					26.9	0.281	0.00003	0.0537
BR02-11	HC-27																
BR02-11	HC-27	130	2.9	<0.5	<0.5	25.8	<0.05	<0.01	<0.5					24.2	0.236	0.00003	0.0514

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00052	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.72	<0.0001	0.000021	0.00029	<0.00005	0.005	<0.000005	0.0010	0.38
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00050	<0.00001	<0.000005	<0.05	0.00012	<0.000005	3.16	<0.0001	0.000012	0.00017	<0.00005	<0.001	<0.000005	0.0009	0.46

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-11	HC-27	0.00186	<0.00001	<0.000005	0.16	0.00044	<0.000005	3.92	0.0002	0.000015	0.00025	<0.00005	0.022	0.000011	0.0030	0.71
BR02-11	HC-27	0.00482	<0.00001	<0.000005	0.27	0.00067	0.000031	5.62	0.0004	0.000305	0.00884	<0.00005	0.706	0.000570	0.0055	1.54
BR02-11	HC-27	0.00310	<0.00001	<0.000005	0.27	0.00039	<0.000005	5.96	0.0001	0.000040	0.00036	<0.00005	0.035	0.000018	0.0055	1.86
BR02-11	HC-27	0.00326	<0.00001	<0.000005	0.23	0.00040	<0.000005	6.49	<0.0001	0.000059	0.00014	<0.00005	0.042	0.000017	0.0061	2.03
BR02-11	HC-27	0.00331	<0.00001	<0.000005	0.21	0.00047	<0.000005	7.14	0.0002	0.000079	0.00028	<0.00005	0.041	0.000020	0.0072	2.64
BR02-11	HC-27	0.00302	<0.00001	<0.000005	0.13	0.00040	<0.000005	7.03	0.0002	0.000092	0.00033	<0.00005	0.050	0.000015	0.0063	2.29
BR02-11	HC-27	0.00280	<0.00001	<0.000005	0.08	0.00028	<0.000005	6.41	0.0002	0.000070	0.00055	<0.00005	0.045	0.000024	0.0057	1.97
BR02-11	HC-27	0.00280	<0.00001	<0.000005	0.08	0.00029	<0.000005	6.68	0.0001	0.000082	0.00034	<0.00005	0.036	0.000246	0.0060	2.20
BR02-11	HC-27	0.00241	<0.00001	<0.000005	0.06	0.00028	<0.000005	6.82	0.0001	0.000086	0.00035	<0.00005	0.038	0.000034	0.0051	1.89
BR02-11	HC-27	0.00259	<0.00001	<0.000005	0.07	0.00027	<0.000005	7.21	0.0001	0.000091	0.00038	<0.00005	0.032	0.000015	0.0061	2.23
BR02-11	HC-27	0.00252	<0.00001	<0.000005	0.06	0.00036	<0.000005	7.17	0.0001	0.000099	0.00067	<0.00005	0.034	0.000026	0.0063	2.35
BR02-11	HC-27	0.00232	<0.00001	<0.000005	<0.05	0.00028	<0.000005	7.42	0.0001	0.000102	0.00030	<0.00005	0.042	0.000018	0.0051	1.86
BR02-11	HC-27	0.00292	<0.00001	<0.000005	<0.05	0.00039	<0.000005	8.67	0.0001	0.000135	0.00038	<0.00005	0.036	0.000018	0.0068	2.37
BR02-11	HC-27	0.00248	<0.00001	<0.000005	<0.05	0.00037	<0.000005	7.53	0.0001	0.000134	0.00033	<0.00005	0.036	0.000021	0.0060	2.08
BR02-11	HC-27	0.00268	<0.00001	<0.000005	<0.05	0.00038	<0.000005	7.75	<0.0001	0.000200	0.00056	<0.00005	0.096	0.000027	0.0068	2.03
BR02-11	HC-27	0.00231	<0.00001	<0.000005	<0.05	0.00033	<0.000005	7.19	<0.0001	0.000131	0.00037	<0.00005	0.043	0.000017	0.0054	1.54
BR02-11	HC-27	0.00300	<0.00001	<0.000005	<0.05	0.00037	<0.000005	8.12	<0.0001	0.000217	0.00057	<0.00005	0.119	0.000025	0.0065	1.83
BR02-11	HC-27	0.00252	<0.00001	<0.000005	<0.05	0.00038	<0.000005	8.19	<0.0001	0.000154	0.00021	<0.00005	0.028	0.000018	0.0071	1.70
BR02-11	HC-27	0.00225	<0.00001	<0.000005	<0.05	0.00031	<0.000005	7.65	<0.0001	0.000135	0.00026	<0.00005	0.030	0.000012	0.0057	1.43
BR02-11	HC-27	0.00207	<0.00001	<0.000005	<0.05	0.00033	<0.000005	7.13	0.0001	0.000149	0.00028	<0.00005	0.030	0.000013	0.0054	1.42
BR02-11	HC-27															
BR02-11	HC-27	0.00231	<0.00001	<0.000005	<0.05	0.00038	<0.000005	9.37	0.0003	0.000190	0.00037	<0.00005	0.037	0.000011	0.0070	2.00
BR02-11	HC-27															
BR02-11	HC-27	0.00189	<0.00001	<0.000005	<0.05	0.00031	<0.000005	6.82	0.0003	0.000139	0.00032	<0.00005	0.032	0.000010	0.0047	1.24
BR02-11	HC-27															
BR02-11	HC-27	0.00218	<0.00001	<0.000005	<0.05	0.00032	<0.000005	6.96	0.0002	0.000228	0.00059	<0.00005	0.103	0.000032	0.0053	1.32
BR02-11	HC-27															
BR02-11	HC-27	0.00226	<0.00001	<0.000005	<0.05	0.00034	<0.000005	8.35	0.0001	0.000168	0.00033	<0.00005	0.041	0.000015	0.0060	1.47
BR02-11	HC-27															
BR02-11	HC-27	0.00176	<0.00001	<0.000005	<0.05	0.00030	<0.000005	7.60	<0.0001	0.000153	0.00031	<0.00005	0.031	0.000008	0.0053	1.27

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00008	<0.00001	0.004	0.00007	0.00009	0.45	0.00306	0.00012	1.2	<0.000005	0.07	0.00157	<10	<0.00002	0.000003
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	0.00008	<0.00001	<0.002	0.00006	0.00003	0.45	0.00342	0.00011	1.3	<0.000005	0.06	0.00174	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-11	HC-27	0.00054	<0.00001	0.017	0.00113	0.00016	11.60	0.01980	0.00036	1.1	<0.000005	8.38	0.0144	<10	<0.00002	0.000012
BR02-11	HC-27	0.00912	0.00001	0.026	0.00305	0.00065	9.62	0.01600	0.00068	1.8	<0.000005	6.92	0.0242	<10	<0.00002	0.000021
BR02-11	HC-27	0.00267	<0.00001	0.014	0.00295	0.00018	10.70	0.01530	0.00090	1.3	<0.000005	7.87	0.0253	<10	0.00003	0.000015
BR02-11	HC-27	0.00309	<0.00001	0.012	0.00213	0.00019	9.46	0.01600	0.00100	1.3	<0.000005	5.82	0.0286	<10	<0.00002	0.000013
BR02-11	HC-27	0.00369	<0.00001	0.015	0.00157	0.00017	10.40	0.01640	0.00126	1.7	<0.000005	5.36	0.0308	<10	<0.00002	0.000016
BR02-11	HC-27	0.00372	<0.00001	0.007	0.00084	0.00023	7.58	0.01330	0.00084	1.4	<0.000005	2.77	0.0281	<10	0.00005	0.000012
BR02-11	HC-27	0.00404	<0.00001	0.012	0.00061	0.00028	5.96	0.01080	0.00071	1.0	<0.000005	1.78	0.0252	<10	<0.00002	0.000012
BR02-11	HC-27	0.00394	<0.00001	0.015	0.00065	0.00020	5.73	0.00990	0.00075	1.1	<0.000005	1.66	0.0277	<10	<0.00002	0.000012
BR02-11	HC-27	0.00374	<0.00001	0.004	0.00054	0.00019	4.51	0.00866	0.00063	1.2	<0.000005	1.17	0.0234	<10	<0.00002	0.000010
BR02-11	HC-27	0.00391	<0.00001	0.006	0.00064	0.00012	5.13	0.00942	0.00065	1.2	<0.000005	1.29	0.0272	<10	<0.00002	0.000008
BR02-11	HC-27	0.00403	<0.00001	0.005	0.00064	0.00022	5.05	0.00987	0.00063	1.2	<0.000005	1.19	0.0279	<10	<0.00002	0.000009
BR02-11	HC-27	0.00452	<0.00001	0.004	0.00045	0.00016	4.04	0.00794	0.00057	1.2	<0.000005	0.81	0.0238	<10	<0.00002	0.000008
BR02-11	HC-27	0.00437	<0.00001	0.004	0.00058	0.00018	4.82	0.01040	0.00078	1.5	<0.000005	0.90	0.0303	<10	<0.00002	0.000009
BR02-11	HC-27	0.00464	<0.00001	0.005	0.00048	0.00019	4.28	0.00923	0.00052	1.1	<0.000005	0.74	0.0268	<10	<0.00002	0.000009
BR02-11	HC-27	0.00454	<0.00001	0.005	0.00052	0.00029	4.05	0.00863	0.00068	1.4	<0.000005	0.75	0.0269	<10	<0.00002	0.000008
BR02-11	HC-27	0.00435	<0.00001	0.003	0.00043	0.00019	3.12	0.00693	0.00044	1.0	<0.000005	0.49	0.0224	<10	<0.00002	0.000006
BR02-11	HC-27	0.00556	<0.00001	<0.002	0.00047	0.00025	3.63	0.00902	0.00043	1.4	<0.000005	0.54	0.0253	<10	<0.00002	0.000010
BR02-11	HC-27	0.00438	<0.00001	<0.002	0.00057	0.00022	3.28	0.00783	0.00046	1.2	<0.000005	0.47	0.0249	<10	<0.00002	0.000011
BR02-11	HC-27	0.00427	<0.00001	0.002	0.00041	0.00018	2.73	0.00681	0.00037	1.1	<0.000005	0.39	0.0212	<10	0.00002	0.000008
BR02-11	HC-27	0.00378	<0.00001	0.002	0.00042	0.00023	2.57	0.00667	0.00037	1.0	<0.000005	0.38	0.0205	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00382	<0.00001	0.020	0.00062	0.00026	3.17	0.00799	0.00046	1.5	<0.000005	0.52	0.0256	<10	<0.00002	0.000008
BR02-11	HC-27															
BR02-11	HC-27	0.00358	<0.00001	0.003	0.00051	0.00021	2.14	0.00570	0.00028	1.0	<0.000005	0.31	0.0178	<10	<0.00002	0.000004
BR02-11	HC-27															
BR02-11	HC-27	0.00449	<0.00001	0.006	0.00051	0.00038	2.20	0.00573	0.00034	1.2	<0.000005	0.32	0.0177	<10	<0.00002	0.000008
BR02-11	HC-27															
BR02-11	HC-27	0.00383	<0.00001	0.002	0.00051	0.00019	2.41	0.00656	0.00037	1.4	<0.000005	0.37	0.0210	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00342	<0.00001	0.003	0.00036	0.00017	2.25	0.00597	0.00034	1.3	<0.000005	0.29	0.0181	<10	<0.00002	0.000007

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00011	<0.000002	0.0010	0.0001	<0.0001	<0.002				0.160	0.190	-8.57
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26															
BR02-10	HC-26	<0.00005	<0.0002	<0.0005	0.00011	<0.000002	0.0010	0.0001	<0.0001	<0.002				0.213	0.217	-0.930

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-11	HC-27	<0.000005	0.0001	0.0017	0.00102	<0.000002	0.0041	0.0004	<0.0001	<0.002				0.93	0.95	-1.28
BR02-11	HC-27	0.000007	0.0081	0.0230	0.00123	0.000007	0.0059	0.0135	<0.0001	<0.002				0.97	1.06	-4.49
BR02-11	HC-27	<0.000005	0.0002	0.0017	0.00076	0.000076	0.0044	0.0005	<0.0001	<0.002				1.08	1.11	-1.14
BR02-11	HC-27	<0.000005	0.0001	0.0020	0.00060	0.000072	0.0047	0.0004	<0.0001	<0.002				1.03	1.03	0.00
BR02-11	HC-27	<0.000005	0.0001	0.0019	0.00048	0.000060	0.0053	0.0002	<0.0001	<0.002				1.07	1.11	-2.02
BR02-11	HC-27	<0.000005	0.0002	0.0027	0.00034	0.000025	0.0047	0.0002	<0.0001	<0.002				0.95	0.90	2.88
BR02-11	HC-27	<0.000005	0.0001	0.0012	0.00019	0.000043	0.0037	0.0004	0.0002	<0.002				0.77	0.75	1.78
BR02-11	HC-27	<0.000005	0.0001	0.0017	0.00023	0.000066	0.0048	0.0005	<0.0001	<0.002				0.82	0.77	3.22
BR02-11	HC-27	<0.000005	0.0001	0.0015	0.00021	0.000042	0.0035	0.0004	<0.0001	<0.002				0.62	0.69	-5.56
BR02-11	HC-27	<0.000005	0.0001	0.0019	0.00018	0.000049	0.0040	0.0003	<0.0001	0.010				0.78	0.76	1.42
BR02-11	HC-27	<0.000005	0.0006	0.0015	0.00016	0.000042	0.0050	0.0004	<0.0001	<0.002				0.79	0.76	1.86
BR02-11	HC-27	<0.000005	0.0002	0.0020	0.00017	0.000038	0.0038	0.0002	<0.0001	<0.002				0.65	0.69	-3.51
BR02-11	HC-27	<0.000005	0.0002	0.0017	0.00017	0.000043	0.0054	0.0005	0.0001	<0.002				0.81	0.82	-0.86
BR02-11	HC-27	<0.000005	0.0000	0.0018	0.00010	0.000056	0.0042	<0.0001	<0.0001	<0.002				0.75	0.72	1.70
BR02-11	HC-27	<0.000005	0.0000	0.0054	0.00019	0.000057	0.0054	0.0003	0.0002	<0.002				0.81	0.73	5.21
BR02-11	HC-27	<0.000005	0.0000	0.0032	0.00009	0.000048	0.0041	0.0002	<0.0001	<0.002				0.65	0.62	2.13
BR02-11	HC-27	<0.000005	<0.00001	0.0078	0.00019	0.000057	0.0045	0.0003	<0.0001	<0.002				0.73	0.72	1.11
BR02-11	HC-27	<0.000005	<0.0002	0.0015	0.00009	0.000054	0.0041	<0.0001	<0.0001	<0.002				0.69	0.68	0.51
BR02-11	HC-27	<0.000005	<0.0002	0.0009	0.00025	0.000041	0.0033	0.0002	<0.0001	<0.002				0.65	0.61	2.93
BR02-11	HC-27	<0.000005	<0.0002	0.0009	0.00009	0.000047	0.0038	0.0003	<0.0001	<0.002				0.58	0.58	0.00
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	0.0015	0.0027	0.00008	0.000048	0.0060	0.0003	<0.0001	<0.002				0.71	0.77	-3.58
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	0.0011	0.0017	0.00014	0.000040	0.0030	0.0003	0.0001	<0.002				0.53	0.54	-0.19
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0062	0.00010	0.000036	0.0037	0.0005	<0.0001	<0.002				0.60	0.56	3.03
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0020	0.00010	0.000047	0.0048	0.0002	<0.0001	<0.002				0.66	0.65	0.61
BR02-11	HC-27															
BR02-11	HC-27	0.000005	<0.0002	0.0015	0.00006	0.000043	0.0045	<0.0001	<0.0001	<0.002				0.58	0.58	-0.52

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	30	19-Aug-13	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	31	26-Aug-13	500	460	8.02	64.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	32	02-Sep-13	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	33	09-Sep-13	500	475	8.30	59.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	34	16-Sep-13	500	465		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	35	23-Sep-13	500	460	8.09	58.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	36	30-Sep-13	500	475		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	37	07-Oct-13	500	460	8.24	61.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	38	14-Oct-13	500	475		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	39	21-Oct-13	500	470	7.99	59.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	40	28-Oct-13	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	41	04-Nov-13	500	465	7.77	56.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	42	11-Nov-13	500	460		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	43	18-Nov-13	500	470	7.61	55.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	44	25-Nov-13	500	455		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	45	02-Dec-13	500	455	7.97	57.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	46	09-Dec-13	500	450		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	47	16-Dec-13	500	460	7.92	48.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	48	23-Dec-13	500	460		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	49	30-Dec-13	500	455	7.84	54.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	50	06-Jan-14	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	51	13-Jan-14	500	465	7.92	55.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	52	20-Jan-14	500	460		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	53	27-Jan-14	500	460	7.87	59.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	54	03-Feb-14	500	450		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	55	10-Feb-14	500	465	7.94	56.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	56	17-Feb-14	500	465		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	57	24-Feb-14	500	450	7.77	51.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	58	03-Mar-14	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	59	10-Mar-14	500	455	7.95	57.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	60	17-Mar-14	500	480		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	61	24-Mar-14	500	475	7.96	56.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	62	31-Mar-14	500	480		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	63	07-Apr-14	500	480	7.81	52.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	64	14-Apr-14	500	480		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	65	21-Apr-14	500	475	7.80	49.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	66	28-Apr-14	500	455		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	67	05-May-14	500	485	7.73	53.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	68	12-May-14	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	69	19-May-14	500	475	7.93	54.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	70	26-May-14	500	440		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	71	02-Jun-14	500	500	7.97	55.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	72	09-Jun-14	500	465		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	73	16-Jun-14	500	465	7.84	51.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	74	23-Jun-14	500	485		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	75	30-Jun-14	500	455	7.92	53.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	76	07-Jul-14	500	470		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	77	14-Jul-14	500	470	8.00	51.0
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	78	21-Jul-14	500	475		
BR02-11	HC-27	Llama	Gabbro	12GSE168	254.70	260.25	0.12	0.11	0.04	17.80	9.13	79	28-Jul-14	500	470	8.04	62.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-11	HC-27																
BR02-11	HC-27	120	3.6	<0.5	<0.5	29.8	<0.05	<0.01	<0.5					26.0	0.239	0.00004	0.0562
BR02-11	HC-27																
BR02-11	HC-27	140	2.7	<0.5	<0.5	24.2	<0.05	<0.01	0.6					25.3	0.255	0.00003	0.0586
BR02-11	HC-27																
BR02-11	HC-27	135	3.0	<0.5	<0.5	25.3	<0.05	<0.01	0.6					24.6	0.242	0.00003	0.0591
BR02-11	HC-27																
BR02-11	HC-27	135	4.1	<0.5	<0.5	26.6	<0.05	<0.01	<0.5					25.7	0.267	<0.00002	0.0594
BR02-11	HC-27																
BR02-11	HC-27	140	4.7	<0.5	<0.5	25.8	<0.05	<0.01	<0.5					28.0	0.251	0.00002	0.0616
BR02-11	HC-27																
BR02-11	HC-27	130	4.7	<0.5	<0.5	26.8	<0.05	<0.01	<0.5					27.0	0.236	<0.00002	0.0621
BR02-11	HC-27																
BR02-11	HC-27	135	4.9	<0.5	<0.5	23.8	<0.05	<0.01	0.6					23.6	0.258	<0.00002	0.0604
BR02-11	HC-27																
BR02-11	HC-27	140	4.2	<0.5	<0.5	25.4	<0.05	<0.01	<0.5					24.5	0.247	<0.00002	0.0525
BR02-11	HC-27																
BR02-11	HC-27	130	3.5	<0.5	<0.5	21.2	<0.05	<0.01	0.6					22.0	0.206	<0.00002	0.0410
BR02-11	HC-27																
BR02-11	HC-27	140	3.4	<0.5	0.5	25.4	<0.05	<0.01	<0.5					23.7	0.248	<0.00002	0.0499
BR02-11	HC-27																
BR02-11	HC-27	125	4.8	<0.5	1.7	24.8	<0.05	<0.01	<0.5					23.2	0.258	<0.00002	0.0525
BR02-11	HC-27																
BR02-11	HC-27	120	3.3	<0.5	<0.5	27.8	<0.05	<0.01	<0.5					25.9	0.251	<0.00002	0.0539
BR02-11	HC-27																
BR02-11	HC-27	120	3.5	<0.5	<0.5	28.7	<0.05	<0.01	<0.5					25.4	0.249	<0.00002	0.0554
BR02-11	HC-27																
BR02-11	HC-27	130	3.1	<0.5	<0.5	22.2	<0.05	<0.01	<0.5					22.9	0.221	<0.00002	0.0416
BR02-11	HC-27																
BR02-11	HC-27	135	3.8	<0.5	<0.5	25.8	<0.05	<0.01	<0.5					24.3	0.227	<0.00002	0.0467
BR02-11	HC-27																
BR02-11	HC-27	130	3.7	<0.5	<0.5	26.3	<0.05	<0.01	<0.5					23.0	0.233	<0.00002	0.0517
BR02-11	HC-27																
BR02-11	HC-27	130	2.7	<0.5	<0.5	24.0	<0.05	<0.01	0.6					21.6	0.246	<0.00002	0.0508
BR02-11	HC-27																
BR02-11	HC-27	125	4.2	<0.5	0.8	21.6	<0.05	<0.01	<0.5					20.1	0.233	<0.00002	0.0510
BR02-11	HC-27																
BR02-11	HC-27	130	2.2	<0.5	<0.5	24.2	<0.05	<0.01	<0.5					22.3	0.264	<0.00002	0.0538
BR02-11	HC-27																
BR02-11	HC-27	130	3.8	<0.5	<0.5	25.3	<0.05	<0.01	<0.5					23.0	0.274	<0.00002	0.0532
BR02-11	HC-27																
BR02-11	HC-27	125	1.9	<0.5	<0.5	24.6	<0.05	<0.01	0.8					24.2	0.254	<0.00002	0.0538
BR02-11	HC-27																
BR02-11	HC-27	120	2.3	<0.5	<0.5	22.3	<0.05	<0.01	0.8					22.5	0.227	<0.00002	0.0488
BR02-11	HC-27																
BR02-11	HC-27	130	1.0	<0.5	<0.5	23.5	<0.05	<0.01	0.6					24.8	0.263	<0.00002	0.0467
BR02-11	HC-27																
BR02-11	HC-27	120	1.9	<0.5	<0.5	24.9	<0.05	<0.01	0.8					22.7	0.248	<0.00002	0.0442
BR02-11	HC-27																
BR02-11	HC-27	125	2.9	<0.5	<0.5	27.8	<0.05	<0.01	0.7					27.7	0.300	<0.00002	0.0544

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-11	HC-27															
BR02-11	HC-27	0.00456	<0.00001	<0.000005	<0.05	0.00029	<0.000005	8.14	<0.0001	0.000147	0.00032	<0.00005	0.020	<0.000005	0.0057	1.37
BR02-11	HC-27															
BR02-11	HC-27	0.00208	<0.00001	<0.000005	<0.05	0.00031	<0.000005	8.14	<0.0001	0.000163	0.00037	<0.00005	0.045	0.000014	0.0051	1.21
BR02-11	HC-27															
BR02-11	HC-27	0.00160	<0.00001	<0.000005	<0.05	0.00030	<0.000005	7.92	<0.0001	0.000132	0.00042	<0.00005	0.023	0.000012	0.0049	1.18
BR02-11	HC-27															
BR02-11	HC-27	0.00178	<0.00001	<0.000005	<0.05	0.00031	<0.000005	8.24	<0.0001	0.000139	0.00089	<0.00005	0.026	0.000012	0.0047	1.25
BR02-11	HC-27															
BR02-11	HC-27	0.00165	<0.00001	<0.000005	<0.05	0.00032	<0.000005	9.30	<0.0001	0.000171	0.00029	<0.00005	0.025	0.000010	0.0054	1.15
BR02-11	HC-27															
BR02-11	HC-27	0.00159	<0.00001	<0.000005	<0.05	0.00031	<0.000005	9.14	<0.0001	0.000143	0.00035	<0.00005	0.021	0.000008	0.0051	1.03
BR02-11	HC-27															
BR02-11	HC-27	0.00177	<0.00001	<0.000005	<0.05	0.00030	<0.000005	7.93	<0.0001	0.000170	0.00032	<0.00005	0.042	0.000017	0.0048	0.91
BR02-11	HC-27															
BR02-11	HC-27	0.00179	<0.00001	<0.000005	<0.05	0.00034	<0.000005	8.25	<0.0001	0.000189	0.00084	<0.00005	0.033	0.000011	0.0046	0.95
BR02-11	HC-27															
BR02-11	HC-27	0.00174	<0.00001	<0.000005	<0.05	0.00029	<0.000005	7.51	<0.0001	0.000148	0.00037	<0.00005	0.027	0.000015	0.0043	0.79
BR02-11	HC-27															
BR02-11	HC-27	0.00160	<0.00001	<0.000005	<0.05	0.00028	<0.000005	8.08	<0.0001	0.000142	0.00049	<0.00005	0.020	0.000007	0.0047	0.84
BR02-11	HC-27															
BR02-11	HC-27	0.00170	<0.00001	<0.000005	<0.05	0.00028	<0.000005	7.95	<0.0001	0.000147	0.00031	<0.00005	0.035	0.000010	0.0045	0.81
BR02-11	HC-27															
BR02-11	HC-27	0.00171	<0.00001	<0.000005	<0.05	0.00032	<0.000005	8.91	<0.0001	0.000154	0.00026	<0.00005	0.024	0.000009	0.0044	0.88
BR02-11	HC-27															
BR02-11	HC-27	0.00174	<0.00001	<0.000005	<0.05	0.00029	<0.000005	8.80	<0.0001	0.000154	0.00034	<0.00005	0.029	0.000008	0.0042	0.83
BR02-11	HC-27															
BR02-11	HC-27	0.00170	<0.00001	<0.000005	<0.05	0.00028	<0.000005	8.01	<0.0001	0.000154	0.00038	<0.00005	0.035	0.000010	0.0040	0.69
BR02-11	HC-27															
BR02-11	HC-27	0.00294	<0.00001	<0.000005	<0.05	0.00028	<0.000005	8.48	<0.0001	0.000132	0.00031	<0.00005	0.024	0.000008	0.0045	0.75
BR02-11	HC-27															
BR02-11	HC-27	0.00175	<0.00001	<0.000005	<0.05	0.00030	<0.000005	8.09	<0.0001	0.000143	0.00033	<0.00005	0.021	0.000010	0.0040	0.69
BR02-11	HC-27															
BR02-11	HC-27	0.00143	<0.00001	<0.000005	<0.05	0.00026	<0.000005	7.71	<0.0001	0.000095	0.00021	<0.00005	0.008	<0.000005	0.0033	0.58
BR02-11	HC-27															
BR02-11	HC-27	0.00138	<0.00001	<0.000005	<0.05	0.00028	<0.000005	7.14	<0.0001	0.000106	0.00030	<0.00005	0.007	<0.000005	0.0031	0.54
BR02-11	HC-27															
BR02-11	HC-27	0.00148	<0.00001	<0.000005	<0.05	0.00027	<0.000005	7.94	<0.0001	0.000109	0.00031	<0.00005	0.013	0.000006	0.0033	0.59
BR02-11	HC-27															
BR02-11	HC-27	0.00152	<0.00001	<0.000005	<0.05	0.00030	<0.000005	8.20	0.0002	0.000120	0.00045	<0.00005	0.018	0.000010	0.0037	0.62
BR02-11	HC-27															
BR02-11	HC-27	0.00149	<0.00001	<0.000005	<0.05	0.00030	<0.000005	8.71	<0.0001	0.000118	0.00029	<0.00005	0.017	0.000007	0.0034	0.59
BR02-11	HC-27															
BR02-11	HC-27	0.00140	<0.00001	<0.000005	<0.05	0.00026	<0.000005	8.14	<0.0001	0.000115	0.00028	<0.00005	0.011	0.000005	0.0031	0.53
BR02-11	HC-27															
BR02-11	HC-27	0.00145	<0.00001	<0.000005	<0.05	0.00027	<0.000005	8.96	<0.0001	0.000115	0.00037	<0.00005	0.022	0.000008	0.0033	0.59
BR02-11	HC-27															
BR02-11	HC-27	0.00142	<0.00001	<0.000005	<0.05	0.00027	<0.000005	8.15	<0.0001	0.000119	0.00027	<0.00005	0.013	<0.000005	0.0032	0.57
BR02-11	HC-27															
BR02-11	HC-27	0.00153	<0.00001	<0.000005	<0.05	0.00031	<0.000005	10.0	<0.0001	0.000097	0.00032	<0.00005	0.010	0.000005	0.0036	0.64

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-11	HC-27															
BR02-11	HC-27	0.00322	<0.00001	<0.002	0.00050	0.00014	2.20	0.00628	0.00038	1.3	<0.000005	0.32	0.0215	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00340	<0.00001	0.011	0.00044	0.00018	2.09	0.00617	0.00034	1.3	<0.000005	0.28	0.0189	<10	<0.00002	0.000009
BR02-11	HC-27															
BR02-11	HC-27	0.00303	<0.00001	0.007	0.00045	0.00020	1.98	0.00575	0.00038	1.3	<0.000005	0.26	0.0182	<10	<0.00002	0.000009
BR02-11	HC-27															
BR02-11	HC-27	0.00301	<0.00001	<0.002	0.00050	0.00026	2.18	0.00661	0.00039	1.3	<0.000005	0.25	0.0204	<10	<0.00002	0.000004
BR02-11	HC-27															
BR02-11	HC-27	0.00331	<0.00001	0.004	0.00046	0.00017	2.14	0.00616	0.00030	1.4	<0.000005	0.24	0.0192	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00316	<0.00001	0.003	0.00055	0.00019	1.97	0.00565	0.00031	1.4	<0.000005	0.23	0.0182	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00267	<0.00001	0.003	0.00041	0.00021	1.80	0.00578	0.00033	1.2	<0.000005	0.20	0.0165	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00393	<0.00001	0.012	0.00048	0.00017	1.86	0.00610	0.00032	1.2	<0.000005	0.22	0.0159	<10	<0.00002	0.000008
BR02-11	HC-27															
BR02-11	HC-27	0.00326	<0.00001	0.009	0.00052	0.00024	1.40	0.00544	0.00028	1.1	<0.000005	0.20	0.0144	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00298	<0.00001	0.005	0.00063	0.00021	1.69	0.00527	0.00024	1.2	<0.000005	0.20	0.0151	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00289	<0.00001	0.019	0.00057	0.00020	1.67	0.00521	0.00024	1.2	<0.000005	0.21	0.0149	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00278	<0.00001	0.003	0.00053	0.00025	1.95	0.00580	0.00022	1.3	<0.000005	0.20	0.0160	<10	<0.00002	0.000005
BR02-11	HC-27															
BR02-11	HC-27	0.00334	<0.00001	0.005	0.00063	0.00016	1.66	0.00566	0.00025	1.3	<0.000005	0.19	0.0154	<10	<0.00002	0.000008
BR02-11	HC-27															
BR02-11	HC-27	0.00320	<0.00001	0.005	0.00057	0.00199	1.50	0.00503	0.00019	1.2	<0.000005	0.15	0.0132	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00291	<0.00001	0.003	0.00058	0.00014	1.54	0.00522	0.00021	1.2	<0.000005	0.16	0.0140	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00292	<0.00001	0.006	0.00054	0.00015	1.41	0.00526	0.00022	1.3	<0.000005	0.16	0.0140	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00196	<0.00001	<0.002	0.00058	0.00010	1.20	0.00476	0.00021	1.1	<0.000005	0.14	0.0124	<10	<0.00002	0.000005
BR02-11	HC-27															
BR02-11	HC-27	0.00205	<0.00001	0.003	0.00055	0.00017	1.20	0.00481	0.00024	1.1	<0.000005	0.14	0.0117	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00215	<0.00001	0.002	0.00064	0.00022	1.28	0.00480	0.00026	1.2	<0.000005	0.15	0.0127	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00236	<0.00001	0.009	0.00075	0.00020	1.31	0.00539	0.00023	1.3	<0.000005	0.17	0.0131	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00190	<0.00001	0.004	0.00060	0.00017	1.36	0.00539	0.00021	1.3	<0.000005	0.15	0.0138	<10	<0.00002	0.000006
BR02-11	HC-27															
BR02-11	HC-27	0.00199	<0.00001	0.003	0.00057	0.00011	1.15	0.00472	0.00022	1.2	<0.000005	0.13	0.0119	<10	<0.00002	0.000005
BR02-11	HC-27															
BR02-11	HC-27	0.00220	<0.00001	0.007	0.00057	0.00027	1.25	0.00484	0.00022	1.3	0.000005	0.14	0.0125	<10	<0.00002	0.000007
BR02-11	HC-27															
BR02-11	HC-27	0.00196	<0.00001	0.004	0.00053	0.00016	1.32	0.00497	0.00017	1.3	<0.000005	0.14	0.0119	<10	<0.00002	0.000005
BR02-11	HC-27															
BR02-11	HC-27	0.00198	<0.00001	0.004	0.00050	0.00015	1.57	0.00587	0.00018	1.6	<0.000005	0.15	0.0142	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0017	0.00007	0.000055	0.0053	0.0004	<0.0001	<0.002				0.67	0.62	4.04
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0021	0.00006	0.000043	0.0052	0.0002	<0.0001	<0.002				0.56	0.60	-3.97
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	0.0002	0.0012	0.00006	0.000053	0.0050	0.0003	<0.0001	<0.002				0.59	0.58	0.26
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0010	0.00004	0.000040	0.0046	0.0003	0.0001	<0.002				0.62	0.61	0.49
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0015	0.00006	0.000040	0.0051	0.0002	<0.0001	<0.002				0.62	0.65	-3.00
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0011	0.00003	0.000044	0.0048	0.0002	<0.0001	<0.002				0.63	0.63	0.48
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0023	0.00003	0.000033	0.0046	0.0002	<0.0001	<0.002				0.60	0.56	3.48
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0020	0.00004	0.000031	0.0045	0.0002	<0.0001	<0.002				0.60	0.58	1.62
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0013	0.00003	0.000026	0.0033	0.0002	<0.0001	<0.002				0.52	0.51	0.78
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0009	0.00003	0.000030	0.0042	0.0002	<0.0001	<0.002				0.58	0.55	2.30
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0022	0.00003	0.000027	0.0044	0.0001	0.0001	<0.002				0.60	0.55	4.47
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0019	0.00003	0.000037	0.0044	0.0003	<0.0001	<0.002				0.62	0.60	1.63
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0015	0.00003	0.000027	0.0046	0.0001	<0.0001	<0.002				0.65	0.59	5.02
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0022	0.00002	0.000020	0.0033	0.0003	<0.0001	<0.002				0.51	0.53	-2.03
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0009	0.00003	0.000026	0.0036	0.0002	<0.0001	<0.002				0.59	0.56	3.12
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0008	0.00002	0.000020	0.0039	0.0002	<0.0001	<0.002				0.60	0.53	6.36
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0007	0.00003	0.000019	0.0039	0.0001	<0.0001	<0.002				0.55	0.50	5.33
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0007	0.00001	0.000016	0.0039	0.0002	<0.0001	<0.002				0.52	0.46	5.69
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0006	0.00002	0.000023	0.0042	0.0001	<0.0001	<0.002				0.53	0.51	1.54
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0011	0.00003	0.000027	0.0045	0.0002	<0.0001	<0.002				0.59	0.53	4.83
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0009	0.00002	0.000017	0.0043	0.0002	<0.0001	<0.002				0.56	0.55	0.27
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0008	0.00003	0.000016	0.0040	0.0001	<0.0001	<0.002				0.518	0.511	0.680
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0016	0.00003	0.000016	0.0039	0.0002	<0.0001	<0.002				0.509	0.564	-5.13
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	0.0007	0.00002	0.000012	0.0037	0.0002	<0.0001	<0.002				0.559	0.522	3.42
BR02-11	HC-27															
BR02-11	HC-27	<0.000005	<0.0002	<0.0005	0.00003	0.000017	0.0043	0.0003	<0.0001	<0.002				0.637	0.633	0.310

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	0	25-Dec-12	750	560	8.55	515
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	1	01-Jan-13	500	465	8.14	297
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	2	08-Jan-13	500	465	8.52	265
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	3	15-Jan-13	500	465	8.56	198
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	4	22-Jan-13	500	465	8.45	190
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	5	29-Jan-13	500	470	8.40	167
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	6	05-Feb-13	500	475	8.60	97.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	7	12-Feb-13	500	470	8.33	152
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	8	19-Feb-13	500	485	8.13	158
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	9	26-Feb-13	500	475	8.21	152
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	10	05-Mar-13	500	470	8.15	140
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	11	12-Mar-13	500	495	8.08	149
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	12	19-Mar-13	500	465	8.09	135
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	13	26-Mar-13	500	480	7.99	121
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	14	02-Apr-13	500	470	8.41	110
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	15	09-Apr-13	500	480	8.16	139
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	16	16-Apr-13	500	490	8.02	129
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	17	23-Apr-13	500	475	8.09	165
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	18	30-Apr-13	500	475	8.20	165
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	19	07-May-13	500	470	8.12	163
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	20	14-May-13	500	455	7.88	116
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	21	21-May-13	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	22	28-May-13	500	465	7.94	155
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	23	04-Jun-13	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	24	11-Jun-13	500	490	7.98	128
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	25	18-Jun-13	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	26	25-Jun-13	500	490	8.06	141
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	27	02-Jul-13	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	28	09-Jul-13	500	475	8.06	147
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	29	16-Jul-13	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	30	23-Jul-13	500	495	8.03	132
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	31	30-Jul-13	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	32	06-Aug-13	500	480	8.00	135
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	33	13-Aug-13	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	34	20-Aug-13	500	475	7.94	138
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	35	27-Aug-13	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	36	03-Sep-13	500	490	7.95	113
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	37	10-Sep-13	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	38	17-Sep-13	500	470	7.86	136
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	39	24-Sep-13	500	495		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	40	01-Oct-13	500	460	7.87	145
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	41	08-Oct-13	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	42	15-Oct-13	500	480	7.86	116
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	43	22-Oct-13	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	44	29-Oct-13	500	485	7.63	72.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	45	05-Nov-13	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	46	12-Nov-13	500	465	7.61	81.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	47	19-Nov-13	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	48	26-Nov-13	500	455	7.97	148
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	49	03-Dec-13	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	50	10-Dec-13	500	475	7.92	145

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11	90.0	118	<0.5	<0.5	102.0	0.52	0.123	11.8	<2	<0.5			49.6	0.0407	0.00050	0.00997
BR03-3	HC-11	100	38.1	<0.5	<0.5	83.9	0.31	0.052	15.1	<2	<0.5			35.2	0.101	0.00072	0.02270
BR03-3	HC-11	100	44.0	<0.5	<0.5	69.0	0.17	0.018	3.2	<2	<0.5			48.8	0.112	0.00049	0.03090
BR03-3	HC-11	105	34.4	<0.5	<0.5	55.6	0.10	0.010	1.7	<2	<0.5			50.1	0.143	0.00033	0.01820
BR03-3	HC-11	130	30.7	<0.5	<0.5	52.8	0.07	<0.01	1.4	<0.02	<0.005			53.0	0.165	0.00029	0.01840
BR03-3	HC-11	110	28.3	<0.5	<0.5	50.1	0.06	<0.01	1.1					50.4	0.180	0.00023	0.01760
BR03-3	HC-11	125	13.2	<0.5	<0.5	34.2	<0.05	<0.01	1.0					34.7	0.228	0.00012	0.01660
BR03-3	HC-11	130	26.0	<0.5	<0.5	47.2	<0.05	<0.01	0.7					52.4	0.197	0.00020	0.01980
BR03-3	HC-11	110	21.5	<0.5	<0.5	52.6	0.06	<0.01	0.8					59.1	0.179	0.00023	0.02400
BR03-3	HC-11	110	21.0	<0.5	<0.5	54.1	0.06	<0.01	0.9					55.8	0.173	0.00023	0.02770
BR03-3	HC-11	120	18.9	<0.5	0.5	48.1	<0.05	<0.01	0.9					50.9	0.206	0.00018	0.02620
BR03-3	HC-11	125	19.1	<0.5	<0.5	54.9	<0.05	<0.01	0.6					58.2	0.156	0.00020	0.03000
BR03-3	HC-11	120	20.5	<0.5	<0.5	44.7	<0.05	<0.01	0.8					54.9	0.226	0.00017	0.03080
BR03-3	HC-11	110	16.2	<0.5	<0.5	42.4	<0.05	<0.01	0.6					49.7	0.225	0.00014	0.02460
BR03-3	HC-11	120	14.9	<0.5	<0.5	38.4	<0.05	<0.01	0.6					44.4	0.198	0.00011	0.02240
BR03-3	HC-11	130	16.2	<0.5	<0.5	48.3	<0.05	<0.01	0.8					55.9	0.176	0.00015	0.03070
BR03-3	HC-11	120	15.9	<0.5	<0.5	45.3	<0.05	<0.01	0.7					51.4	0.180	0.00013	0.03000
BR03-3	HC-11	140	22.4	<0.5	<0.5	56.3	<0.05	<0.01	0.9					64.3	0.141	0.00018	0.03750
BR03-3	HC-11	120	21.0	<0.5	<0.5	43.6	<0.05	<0.01	<0.5					55.9	0.177	0.00014	0.03530
BR03-3	HC-11	110	23.7	<0.5	0.8	53.7	<0.05	<0.01	0.7					64.2	0.144	0.00017	0.04870
BR03-3	HC-11	120	18.5	<0.5	<0.5	39.0	<0.05	<0.01	<0.5					47.1	0.218	0.00011	0.03770
BR03-3	HC-11																
BR03-3	HC-11	125	23.2	<0.5	<0.5	48.8	<0.05	<0.01	0.7					61.8	0.153	0.00012	0.05400
BR03-3	HC-11																
BR03-3	HC-11	120	17.7	<0.5	<0.5	44.5	<0.05	<0.01	<0.5					56.1	0.195	0.00009	0.05770
BR03-3	HC-11																
BR03-3	HC-11	140	19.5	<0.5	<0.5	47.7	<0.05	<0.01	0.6					58.0	0.151	0.00010	0.06580
BR03-3	HC-11																
BR03-3	HC-11	150	20.8	<0.5	<0.5	48.9	<0.05	<0.01	0.7					62.9	0.133	0.00012	0.07480
BR03-3	HC-11																
BR03-3	HC-11	140	17.9	<0.5	<0.5	45.9	<0.05	<0.01	1.1					55.5	0.174	0.00009	0.06850
BR03-3	HC-11																
BR03-3	HC-11	140	19.9	<0.5	1.1	45.5	<0.05	<0.01	<0.5					54.4	0.147	0.00008	0.06340
BR03-3	HC-11																
BR03-3	HC-11	125	21.0	<0.5	<0.5	46.0	<0.05	<0.01	<0.5					57.5	0.137	0.00008	0.06380
BR03-3	HC-11																
BR03-3	HC-11	130	17.3	<0.5	<0.5	35.4	<0.05	<0.01	<0.5					45.5	0.160	0.00005	0.04700
BR03-3	HC-11																
BR03-3	HC-11	140	22.9	<0.5	2.3	46.8	<0.05	<0.01	0.7					59.7	0.150	0.00008	0.06710
BR03-3	HC-11																
BR03-3	HC-11	130	21.7	<0.5	3.0	47.4	<0.05	<0.01	0.6					62.6	0.136	0.00008	0.07400
BR03-3	HC-11																
BR03-3	HC-11	140	19.1	<0.5	1.2	40.9	<0.05	<0.01	0.7					54.8	0.164	0.00005	0.06130
BR03-3	HC-11																
BR03-3	HC-11	125	12.8	<0.5	<0.5	22.8	<0.05	<0.01	<0.5					31.5	0.152	0.00003	0.02600
BR03-3	HC-11																
BR03-3	HC-11	130	15.1	<0.5	<0.5	24.2	<0.05	<0.01	<0.5					33.4	0.157	0.00003	0.02180
BR03-3	HC-11																
BR03-3	HC-11	135	23.2	<0.5	0.6	48.4	<0.05	<0.01	0.5					65.3	0.114	0.00007	0.06210
BR03-3	HC-11																
BR03-3	HC-11	145	23.7	<0.5	<0.5	47.0	<0.05	<0.01	0.5					64.0	0.121	0.00007	0.07170

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11	0.00427	<0.00001	<0.000005	0.26	0.00071	<0.000005	10.8	<0.0001	0.000121	0.00099	<0.00005	0.018	0.000013	0.0093	5.49
BR03-3	HC-11	0.00356	<0.00001	<0.000005	0.27	0.00050	<0.000005	7.58	<0.0001	0.000055	0.00023	<0.00005	0.015	0.000010	0.0095	3.95
BR03-3	HC-11	0.00206	<0.00001	<0.000005	0.17	0.00040	<0.000005	9.97	0.0001	0.000051	0.00013	<0.00005	0.016	0.000022	0.0104	5.81
BR03-3	HC-11	0.00300	<0.00001	<0.000005	0.10	0.00036	<0.000005	11.0	0.0001	0.000070	0.00027	<0.00005	0.039	0.000046	0.0091	5.49
BR03-3	HC-11	0.00258	<0.00001	<0.000005	0.07	0.00032	<0.000005	11.8	<0.0001	0.000095	0.00017	<0.00005	0.035	0.000014	0.0088	5.73
BR03-3	HC-11	0.00255	<0.00001	<0.000005	0.06	0.00032	<0.000005	11.7	0.0001	0.000080	0.00038	<0.00005	0.039	0.000013	0.0076	5.15
BR03-3	HC-11	0.00179	<0.00001	<0.000005	<0.05	0.00021	<0.000005	8.68	<0.0001	0.000052	0.00025	<0.00005	0.062	0.000026	0.0048	3.17
BR03-3	HC-11	0.00267	<0.00001	<0.000005	<0.05	0.00026	<0.000005	12.4	<0.0001	0.000106	0.00008	<0.00005	0.085	0.000044	0.0074	5.17
BR03-3	HC-11	0.00327	<0.00001	<0.000005	<0.05	0.00029	<0.000005	14.4	0.0001	0.000141	0.00009	<0.00005	0.039	0.000020	0.0082	5.64
BR03-3	HC-11	0.00251	<0.00001	<0.000005	<0.05	0.00026	<0.000005	13.3	0.0001	0.000146	0.00026	<0.00005	0.036	0.000007	0.0081	5.45
BR03-3	HC-11	0.00462	<0.00001	<0.000005	<0.05	0.00021	<0.000005	12.7	<0.0001	0.000164	0.00026	<0.00005	0.130	0.000022	0.0070	4.66
BR03-3	HC-11	0.00269	<0.00001	<0.000005	<0.05	0.00024	<0.000005	14.6	<0.0001	0.000192	0.00020	<0.00005	0.032	0.000012	0.0079	5.27
BR03-3	HC-11	0.00254	<0.00001	<0.000005	<0.05	0.00022	<0.000005	14.0	<0.0001	0.000163	0.00018	<0.00005	0.065	0.000023	0.0066	4.82
BR03-3	HC-11	0.00260	<0.00001	<0.000005	<0.05	0.00023	<0.000005	13.0	0.0001	0.000162	0.00023	<0.00005	0.076	0.000019	0.0061	4.18
BR03-3	HC-11	0.00215	<0.00001	<0.000005	<0.05	0.00021	<0.000005	11.8	0.0002	0.000123	0.00015	<0.00005	0.065	0.000162	0.0048	3.62
BR03-3	HC-11	0.00267	<0.00001	<0.000005	<0.05	0.00027	<0.000005	14.8	<0.0001	0.000180	0.00018	<0.00005	0.061	0.000016	0.0071	4.59
BR03-3	HC-11	0.00249	<0.00001	<0.000005	<0.05	0.00025	<0.000005	13.8	<0.0001	0.000171	0.00024	<0.00005	0.057	0.000029	0.0061	4.14
BR03-3	HC-11	0.00301	<0.00001	<0.000005	<0.05	0.00033	<0.000005	16.5	<0.0001	0.000191	0.00007	<0.00005	0.021	0.000015	0.0084	5.58
BR03-3	HC-11	0.00248	<0.00001	<0.000005	<0.05	0.00025	<0.000005	15.3	<0.0001	0.000227	0.00022	<0.00005	0.110	<0.000005	0.0065	4.32
BR03-3	HC-11	0.00301	<0.00001	<0.000005	<0.05	0.00029	<0.000005	17.4	<0.0001	0.000220	0.00022	<0.00005	0.042	0.000193	0.0082	5.04
BR03-3	HC-11	0.00229	<0.00001	<0.000005	<0.05	0.00023	<0.000005	13.1	<0.0001	0.000249	0.00025	<0.00005	0.114	0.000024	0.0054	3.47
BR03-3	HC-11															
BR03-3	HC-11	0.00247	<0.00001	<0.000005	<0.05	0.00027	<0.000005	17.5	<0.0001	0.000211	0.00008	<0.00005	0.013	0.000006	0.0070	4.38
BR03-3	HC-11															
BR03-3	HC-11	0.00215	<0.00001	<0.000005	<0.05	0.00024	<0.000005	16.5	<0.0001	0.000179	0.00035	<0.00005	0.041	0.000008	0.0056	3.62
BR03-3	HC-11															
BR03-3	HC-11	0.00207	<0.00001	<0.000005	<0.05	0.00019	<0.000005	16.9	0.0001	0.000171	0.00005	<0.00005	0.003	0.000046	0.0060	3.85
BR03-3	HC-11															
BR03-3	HC-11	0.00212	<0.00001	<0.000005	<0.05	0.00021	<0.000005	18.6	0.0002	0.000195	0.00014	<0.00005	0.020	0.000006	0.0066	4.02
BR03-3	HC-11															
BR03-3	HC-11	0.00196	<0.00001	<0.000005	<0.05	0.00019	<0.000005	16.8	0.0001	0.000156	0.00011	<0.00005	0.030	0.000008	0.0059	3.32
BR03-3	HC-11															
BR03-3	HC-11	0.00186	<0.00001	<0.000005	<0.05	0.00018	<0.000005	16.3	<0.0001	0.000136	0.00007	<0.00005	0.019	0.000011	0.0055	3.29
BR03-3	HC-11															
BR03-3	HC-11	0.00198	<0.00001	<0.000005	<0.05	0.00018	<0.000005	17.2	<0.0001	0.000129	0.00005	<0.00005	0.009	<0.000005	0.0057	3.52
BR03-3	HC-11															
BR03-3	HC-11	0.00189	<0.00001	<0.000005	<0.05	0.00018	<0.000005	14.1	<0.0001	0.000142	0.00012	<0.00005	0.045	0.000015	0.0038	2.53
BR03-3	HC-11															
BR03-3	HC-11	0.00235	<0.00001	<0.000005	<0.05	0.00022	<0.000005	18.2	<0.0001	0.000168	0.00036	<0.00005	0.066	0.000009	0.0055	3.46
BR03-3	HC-11															
BR03-3	HC-11	0.00215	<0.00001	<0.000005	<0.05	0.00020	<0.000005	19.0	<0.0001	0.000142	0.00032	<0.00005	0.021	0.000042	0.0054	3.71
BR03-3	HC-11															
BR03-3	HC-11	0.00204	<0.00001	<0.000005	<0.05	0.00017	<0.000005	17.0	<0.0001	0.000145	0.00018	<0.00005	0.041	0.000010	0.0044	2.99
BR03-3	HC-11															
BR03-3	HC-11	0.00182	<0.00001	<0.000005	<0.05	0.00017	<0.000005	9.90	<0.0001	0.000137	0.00014	<0.00005	0.049	0.000059	0.0029	1.65
BR03-3	HC-11															
BR03-3	HC-11	0.00217	<0.00001	<0.000005	<0.05	0.00019	<0.000005	10.4	<0.0001	0.000212	0.00025	<0.00005	0.143	0.000047	0.0026	1.79
BR03-3	HC-11															
BR03-3	HC-11	0.00255	<0.00001	<0.000005	<0.05	0.00024	<0.000005	19.9	<0.0001	0.000125	0.00011	<0.00005	0.024	0.000025	0.0053	3.79
BR03-3	HC-11															
BR03-3	HC-11	0.00234	<0.00001	<0.000005	<0.05	0.00024	0.000013	19.8	<0.0001	0.000123	0.00017	<0.00005	0.027	0.000089	0.0056	3.50

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11	0.00223	<0.00001	0.006	0.00940	0.00103	13.90	0.01590	0.00111	3.5	<0.000005	80.8	0.0302	45	<0.00002	0.000005
BR03-3	HC-11	0.00273	<0.00001	0.004	0.0135	0.00028	10.70	0.01130	0.00126	3.4	0.000036	41.5	0.0174	23	<0.00002	0.000004
BR03-3	HC-11	0.00216	<0.00001	0.004	0.00378	0.00016	9.38	0.01030	0.00102	3.2	<0.000005	26.7	0.0201	18	<0.00002	0.000003
BR03-3	HC-11	0.00354	<0.00001	<0.002	0.00182	0.00017	7.39	0.00872	0.00073	2.4	<0.000005	15.7	0.0190	13	<0.00002	0.000005
BR03-3	HC-11	0.00331	<0.00001	0.002	0.00129	0.00013	6.65	0.00779	0.00062	2.3	<0.000005	11.5	0.0200	13	<0.00002	0.000004
BR03-3	HC-11	0.00359	<0.00001	0.017	0.00102	0.00019	5.75	0.00694	0.00058	2.0	<0.000005	7.65	0.0186	11	0.00003	0.000004
BR03-3	HC-11	0.00310	<0.00001	0.004	0.00047	0.00015	3.43	0.00486	0.00024	1.2	<0.000005	3.45	0.0114	<10	<0.00002	0.000003
BR03-3	HC-11	0.00469	0.00001	0.002	0.00103	0.00016	4.94	0.00673	0.00038	2.0	<0.000005	5.35	0.0189	<10	<0.00002	0.000003
BR03-3	HC-11	0.00463	<0.00001	0.009	0.00096	0.00014	5.26	0.00636	0.00033	2.7	<0.000005	5.31	0.0197	<10	<0.00002	0.000007
BR03-3	HC-11	0.00413	<0.00001	0.013	0.00094	0.00013	5.54	0.00652	0.00047	2.3	<0.000005	4.88	0.0203	<10	<0.00002	0.000004
BR03-3	HC-11	0.00431	<0.00001	<0.002	0.00083	0.00016	4.51	0.00553	0.00040	2.1	<0.000005	3.66	0.0175	<10	<0.00002	0.000004
BR03-3	HC-11	0.00398	<0.00001	0.007	0.00071	0.00018	5.20	0.00643	0.00040	2.7	<0.000005	3.88	0.0199	<10	<0.00002	0.000003
BR03-3	HC-11	0.00375	<0.00001	0.002	0.00089	0.00015	4.64	0.00578	0.00036	2.2	<0.000005	3.11	0.0175	<10	<0.00002	<0.000002
BR03-3	HC-11	0.00451	0.00002	<0.002	0.00069	0.00015	4.24	0.00544	0.00038	1.9	<0.000005	2.42	0.0165	<10	<0.00002	0.000004
BR03-3	HC-11	0.00367	<0.00001	<0.002	0.00078	0.00008	3.63	0.00483	0.00023	1.6	<0.000005	1.94	0.0148	<10	<0.00002	0.000004
BR03-3	HC-11	0.00381	<0.00001	<0.002	0.00077	0.00014	5.08	0.00652	0.00028	2.1	<0.000005	2.38	0.0197	<10	<0.00002	0.000004
BR03-3	HC-11	0.00272	<0.00001	<0.002	0.00065	0.00017	4.57	0.00630	0.00020	1.9	<0.000005	1.98	0.0178	<10	<0.00002	0.000002
BR03-3	HC-11	0.00206	<0.00001	<0.002	0.00079	0.00017	6.11	0.00816	0.00037	2.1	<0.000005	2.68	0.0235	<10	<0.00002	0.000006
BR03-3	HC-11	0.00268	<0.00001	<0.002	0.00076	0.00031	4.51	0.00575	0.00038	2.0	<0.000005	1.76	0.0191	<10	<0.00002	0.000007
BR03-3	HC-11	0.00232	<0.00001	<0.002	0.00099	0.00026	5.68	0.00744	0.00034	2.2	<0.000005	1.98	0.0227	<10	<0.00002	0.000002
BR03-3	HC-11	0.00280	<0.00001	0.006	0.00069	0.00054	3.82	0.00530	0.00024	1.7	<0.000005	1.13	0.0159	<10	<0.00002	<0.000002
BR03-3	HC-11															
BR03-3	HC-11	0.00188	0.00002	<0.002	0.00094	0.00027	4.85	0.00647	0.00051	2.1	<0.000005	1.36	0.0208	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00183	<0.00001	0.018	0.00074	0.00021	4.16	0.00525	0.00026	2.1	<0.000005	1.03	0.0178	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00170	<0.00001	0.023	0.00082	0.00016	4.28	0.00541	0.00022	2.2	<0.000005	0.98	0.0190	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00196	<0.00001	0.003	0.00087	0.00019	4.42	0.00586	0.00040	2.5	<0.000005	0.97	0.0190	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11	0.00190	<0.00001	<0.002	0.00082	0.00017	4.04	0.00539	0.00036	2.1	<0.000005	0.76	0.0177	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00145	<0.00001	0.010	0.00083	0.00015	4.03	0.00548	0.00021	1.9	<0.000005	0.65	0.0168	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00128	<0.00001	0.004	0.00081	0.00011	4.21	0.00566	0.00021	1.9	<0.000005	0.62	0.0175	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00188	<0.00001	0.005	0.00067	0.00013	3.14	0.00457	0.00018	1.4	0.000012	0.44	0.0135	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11	0.00150	<0.00001	0.029	0.00065	0.00026	3.89	0.00580	0.00019	2.2	<0.000005	0.60	0.0176	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11	0.00153	<0.00001	0.004	0.00074	0.00029	4.43	0.00568	0.00025	2.1	<0.000005	0.60	0.0181	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00161	<0.00001	<0.002	0.00059	0.00021	3.66	0.00455	0.00016	2.1	<0.000005	0.44	0.0141	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00172	<0.00001	<0.002	0.00043	0.00017	1.94	0.00373	0.00009	1.0	<0.000005	0.21	0.00954	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00231	<0.00001	0.014	0.00048	0.00041	2.07	0.00378	0.00008	1.0	<0.000005	0.23	0.00954	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00119	<0.00001	0.008	0.00058	0.00019	4.38	0.00645	0.00019	2.1	<0.000005	0.53	0.0174	<10	<0.00002	0.000006
BR03-3	HC-11															
BR03-3	HC-11	0.00115	<0.00001	0.009	0.00064	0.00011	4.12	0.00607	0.00020	2.3	<0.000005	0.46	0.0175	<10	<0.00002	0.000005

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11	<0.000005	0.0010	<0.0005	0.05320	0.000227	0.0035	0.0003	<0.0001	<0.002				4.86	4.86	-0.03
BR03-3	HC-11	<0.000005	0.0006	<0.0005	0.01970	0.000140	0.0038	0.0003	<0.0001	<0.002				2.91	2.79	2.10
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00807	0.000244	0.0033	0.0001	<0.0001	<0.002				2.40	2.39	0.08
BR03-3	HC-11	<0.000005	0.0004	0.0006	0.00472	0.000239	0.0019	0.0003	<0.0001	<0.002				1.88	1.89	-0.24
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00376	0.000265	0.0019	0.0003	<0.0001	0.002				1.74	1.75	-0.34
BR03-3	HC-11	<0.000005	0.0003	0.0008	0.00293	0.000297	0.0017	0.0006	<0.0001	<0.002				1.63	1.51	3.77
BR03-3	HC-11	<0.000005	0.0004	0.0020	0.00129	0.000107	0.0012	0.0004	<0.0001	0.002				0.99	0.96	1.39
BR03-3	HC-11	<0.000005	0.0003	0.0015	0.00265	0.000325	0.0016	0.0002	<0.0001	<0.002				1.50	1.43	2.52
BR03-3	HC-11	<0.000005	0.0003	0.0006	0.00299	0.000292	0.0019	0.0003	<0.0001	<0.002				1.53	1.57	-1.36
BR03-3	HC-11	<0.000005	0.0003	0.0006	0.00295	0.000286	0.0020	0.0001	0.0002	<0.002				1.55	1.49	1.91
BR03-3	HC-11	<0.000005	0.0004	0.0019	0.00265	0.000277	0.0020	0.0005	<0.0001	<0.002				1.38	1.32	2.19
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00284	0.000304	0.0023	0.0003	<0.0001	<0.002				1.51	1.48	1.00
BR03-3	HC-11	<0.000005	0.0003	0.0011	0.00225	0.000352	0.0018	0.0003	<0.0001	<0.002				1.34	1.38	-1.25
BR03-3	HC-11	<0.000005	0.0004	0.0015	0.00188	0.000320	0.0017	<0.0001	<0.0001	<0.002				1.20	1.23	-1.31
BR03-3	HC-11	<0.000005	0.0003	0.0011	0.00162	0.000297	0.0014	0.0019	<0.0001	<0.002				1.10	1.09	0.27
BR03-3	HC-11	<0.000005	0.0010	0.0010	0.00198	0.000397	0.0020	0.0011	<0.0001	<0.002				1.33	1.37	-1.74
BR03-3	HC-11	<0.000005	0.0004	0.0013	0.00189	0.000386	0.0016	0.0002	<0.0001	<0.002				1.26	1.25	0.16
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00228	0.000592	0.0018	<0.0001	<0.0001	<0.002				1.62	1.57	1.38
BR03-3	HC-11	<0.000005	0.0005	0.0017	0.00150	0.000546	0.0015	<0.0001	<0.0001	<0.002				1.31	1.33	-0.83
BR03-3	HC-11	<0.000005	0.0004	0.0008	0.00197	0.000597	0.0017	0.0010	<0.0001	<0.002				1.59	1.53	1.92
BR03-3	HC-11	<0.000005	0.0003	0.0021	0.00119	0.000454	0.0013	0.0006	<0.0001	<0.002				1.17	1.12	2.19
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00174	0.000568	0.0015	<0.0001	<0.0001	<0.002				1.48	1.44	1.51
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0006	0.00120	0.000406	0.0016	0.0036	<0.0001	<0.002				1.26	1.30	-1.45
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00147	0.000486	0.0016	0.0002	<0.0001	<0.002				1.38	1.33	1.89
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0008	<0.0005	0.00164	0.000538	0.0019	<0.0001	0.0002	<0.002				1.43	1.43	0.14
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0006	<0.0005	0.00139	0.000471	0.0017	0.0001	<0.0001	<0.002				1.32	1.27	2.13
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00134	0.000420	0.0016	0.0002	<0.0001	<0.002				1.33	1.24	3.52
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00127	0.000448	0.0016	<0.0001	<0.0001	<0.002				1.36	1.30	2.18
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0010	0.00092	0.000357	0.0015	0.0001	<0.0001	<0.002				1.07	1.03	1.91
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0007	0.00118	0.000452	0.0014	0.0007	<0.0001	<0.002				1.43	1.34	3.43
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00118	0.000456	0.0015	0.0001	<0.0001	<0.002				1.42	1.41	0.35
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0005	0.00098	0.000355	0.0015	0.0002	<0.0001	0.010				1.23	1.23	0.24
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0009	0.00052	0.000182	0.0007	0.0003	<0.0001	<0.002				0.72	0.71	1.12
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0024	0.00047	0.000198	0.0007	0.0006	<0.0001	<0.002				0.80	0.75	2.96
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	<0.0005	0.00117	0.000352	0.0013	0.0001	<0.0001	<0.002				1.47	1.45	0.45
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	0.0006	0.00117	0.000337	0.0012	0.0010	<0.0001	<0.002				1.45	1.42	1.08

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	51	17-Dec-13	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	52	24-Dec-13	500	485	7.96	138
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	53	31-Dec-13	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	54	07-Jan-14	500	495	7.89	133
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	55	14-Jan-14	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	56	21-Jan-14	500	495	7.61	65.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	57	28-Jan-14	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	58	04-Feb-14	500	480	7.62	80.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	59	11-Feb-14	500	455		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	60	18-Feb-14	500	475	7.92	141
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	61	25-Feb-14	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	62	04-Mar-14	500	475	7.92	127
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	63	11-Mar-14	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	64	18-Mar-14	500	470	7.75	87.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	65	25-Mar-14	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	66	01-Apr-14	500	470	7.80	97.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	67	08-Apr-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	68	15-Apr-14	500	475	7.64	78.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	69	22-Apr-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	70	29-Apr-14	500	480	7.81	94.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	71	06-May-14	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	72	13-May-14	500	480	7.78	86.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	73	20-May-14	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	74	27-May-14	500	490	7.75	79.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	75	03-Jun-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	76	10-Jun-14	500	475	7.79	95.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	77	17-Jun-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	78	24-Jun-14	500	495	7.71	82.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	79	01-Jul-14	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	80	08-Jul-14	500	475	7.67	79.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	81	15-Jul-14	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	82	22-Jul-14	500	475	7.94	122
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	83	29-Jul-14	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	84	05-Aug-14	500	460	7.89	93.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	85	12-Aug-14	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	86	19-Aug-14	500	475	8.07	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	87	26-Aug-14	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	88	02-Sep-14	500	465	7.81	78.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	89	09-Sep-14	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	90	16-Sep-14	500	480	7.91	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	91	23-Sep-14	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	92	30-Sep-14	500	470	7.81	92.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	93	07-Oct-14	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	94	14-Oct-14	500	485	7.80	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	95	21-Oct-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	96	28-Oct-14	500	485	7.96	112
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	97	04-Nov-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	98	11-Nov-14	500	450	7.99	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	99	18-Nov-14	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	100	25-Nov-14	500	490	7.93	116
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	101	02-Dec-14	500	490		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11																
BR03-3	HC-11	145	20.8	<0.5	0.5	43.2	<0.05	<0.01	0.5					57.9	0.120	0.00005	0.06800
BR03-3	HC-11																
BR03-3	HC-11	130	21.6	<0.5	<0.5	42.6	<0.05	<0.01	<0.5					57.4	0.170	0.00008	0.0664
BR03-3	HC-11																
BR03-3	HC-11	130	10.9	<0.5	<0.5	17.6	<0.05	<0.01	<0.5					27.5	0.124	0.00002	0.0198
BR03-3	HC-11																
BR03-3	HC-11	120	12.9	<0.5	<0.5	25.3	<0.05	<0.01	<0.5					34.1	0.149	0.00003	0.0287
BR03-3	HC-11																
BR03-3	HC-11	125	21.5	<0.5	<0.5	45.2	<0.05	<0.01	<0.5					61.0	0.112	0.00005	0.0533
BR03-3	HC-11																
BR03-3	HC-11	120	16.7	<0.5	<0.5	42.3	<0.05	<0.01	<0.5					53.2	0.115	0.00004	0.0488
BR03-3	HC-11																
BR03-3	HC-11	140	12.9	<0.5	<0.5	27.4	<0.05	<0.01	<0.5					34.6	0.144	0.00003	0.0344
BR03-3	HC-11																
BR03-3	HC-11	125	14.4	<0.5	<0.5	28.1	<0.05	<0.01	<0.5					41.7	0.140	0.00003	0.0402
BR03-3	HC-11																
BR03-3	HC-11	130	12.6	<0.5	<0.5	22.2	<0.05	<0.01	<0.5					31.8	0.143	0.00003	0.0290
BR03-3	HC-11																
BR03-3	HC-11	145	14.0	<0.5	<0.5	30.2	<0.05	<0.01	<0.5					41.0	0.135	0.00003	0.0396
BR03-3	HC-11																
BR03-3	HC-11	110	12.6	<0.5	<0.5	27.8	<0.05	<0.01	<0.5					34.3	0.141	0.00002	0.0299
BR03-3	HC-11																
BR03-3	HC-11	115	11.1	<0.5	<0.5	25.5	<0.05	<0.01	<0.5					35.3	0.108	0.00003	0.0237
BR03-3	HC-11																
BR03-3	HC-11	140	13.4	<0.5	<0.5	31.8	<0.05	<0.01	<0.5					41.7	0.110	0.00004	0.0308
BR03-3	HC-11																
BR03-3	HC-11	130	13.4	<0.5	1.4	28.3	<0.05	<0.01	<0.5					34.5	0.120	0.00002	0.0211
BR03-3	HC-11																
BR03-3	HC-11	135	13.3	<0.5	<0.5	25.5	<0.05	<0.01	0.7					35.0	0.111	0.00003	0.0286
BR03-3	HC-11																
BR03-3	HC-11	135	15.9	<0.5	<0.5	41.5	<0.05	<0.01	<0.5					53.9	0.0998	0.00004	0.0510
BR03-3	HC-11																
BR03-3	HC-11	135	15.0	<0.5	1.6	29.0			<0.5					39.5	0.139	0.00003	0.0394
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	130	10.4	<0.5	<0.5	21.0			<0.5					31.7	0.155	0.00003	0.0319
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	125	14.0	<0.5	<0.5	27.3			0.8					38.4	0.131	0.00002	0.0290
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	150	15.2	<0.5	<0.5	40.8			<0.5					52.3	0.0977	0.00003	0.0498
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	150	14.8	<0.5	<0.5	42.0			<0.5					46.6	0.0833	0.00003	0.0477
BR03-3	HC-11																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11															
BR03-3	HC-11	0.00327	<0.00001	<0.000005	<0.05	0.00021	<0.000005	17.9	<0.0001	0.000087	0.00014	<0.00005	0.022	0.000037	0.0052	3.20
BR03-3	HC-11															
BR03-3	HC-11	0.00218	<0.00001	<0.000005	<0.05	0.00019	<0.000005	17.7	<0.0001	0.000115	0.00157	<0.00005	0.031	0.000039	0.0052	3.21
BR03-3	HC-11															
BR03-3	HC-11	0.00160	<0.00001	<0.000005	<0.05	0.00013	<0.000005	8.6	<0.0001	0.000099	0.00011	<0.00005	0.042	0.000010	0.0020	1.45
BR03-3	HC-11															
BR03-3	HC-11	0.00161	<0.00001	<0.000005	<0.05	0.00014	<0.000005	10.5	<0.0001	0.000107	0.00008	<0.00005	0.060	<0.000005	0.0030	1.90
BR03-3	HC-11															
BR03-3	HC-11	0.00220	<0.00001	<0.000005	<0.05	0.00019	0.000007	18.5	<0.0001	0.000142	0.01340	<0.00005	0.013	<0.000005	0.0051	3.61
BR03-3	HC-11															
BR03-3	HC-11	0.00181	<0.00001	<0.000005	<0.05	0.00017	<0.000005	16.5	<0.0001	0.000105	0.00017	<0.00005	0.030	0.000007	0.0041	2.93
BR03-3	HC-11															
BR03-3	HC-11	0.00145	<0.00001	<0.000005	<0.05	0.00013	<0.000005	10.7	<0.0001	0.000136	0.00032	<0.00005	0.105	0.000013	0.0029	1.90
BR03-3	HC-11															
BR03-3	HC-11	0.00167	<0.00001	<0.000005	<0.05	0.00015	<0.000005	12.8	<0.0001	0.000111	0.00007	<0.00005	0.053	0.000005	0.0032	2.38
BR03-3	HC-11															
BR03-3	HC-11	0.00128	<0.00001	<0.000005	<0.05	0.00012	<0.000005	9.7	<0.0001	0.000094	0.00012	<0.00005	0.037	0.000006	0.0026	1.84
BR03-3	HC-11															
BR03-3	HC-11	0.00155	<0.00001	<0.000005	<0.05	0.00014	<0.000005	12.6	<0.0001	0.000117	0.00017	<0.00005	0.050	0.000008	0.0037	2.31
BR03-3	HC-11															
BR03-3	HC-11	0.00149	<0.00001	<0.000005	<0.05	0.00013	<0.000005	10.5	<0.0001	0.000092	0.00012	<0.00005	0.049	0.000006	0.0029	1.96
BR03-3	HC-11															
BR03-3	HC-11	0.00161	<0.00001	<0.000005	<0.05	0.00014	<0.000005	11.2	<0.0001	0.000101	0.00014	<0.00005	0.054	0.000007	0.0027	1.78
BR03-3	HC-11															
BR03-3	HC-11	0.00167	<0.00001	<0.000005	<0.05	0.00020	<0.000005	12.6	<0.0001	0.000042	0.00013	<0.00005	0.048	<0.000005	0.0031	2.47
BR03-3	HC-11															
BR03-3	HC-11	0.00153	<0.00001	<0.000005	<0.05	0.00013	<0.000005	10.5	<0.0001	0.000095	0.00010	<0.00005	0.052	0.000006	0.0026	2.03
BR03-3	HC-11															
BR03-3	HC-11	0.00157	<0.00001	<0.000005	<0.05	0.00014	<0.000005	10.5	<0.0001	0.000094	0.00045	<0.00005	0.053	0.000013	0.0029	2.15
BR03-3	HC-11															
BR03-3	HC-11	0.00206	<0.00001	<0.000005	<0.05	0.00020	<0.000005	16.2	<0.0001	0.000104	0.00009	<0.00005	0.057	0.000006	0.0038	3.27
BR03-3	HC-11															
BR03-3	HC-11	0.00199	<0.00001	0.000019	<0.05	0.00017	<0.000005	12.0	<0.0001	0.000127	0.00015	<0.00005	0.127	0.000088	0.0032	2.31
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00151	<0.00001	<0.000005	<0.05	0.00016	<0.000005	9.68	0.0001	0.000168	0.00024	<0.00005	0.180	0.000212	0.0025	1.82
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00185	<0.00001	<0.000005	<0.05	0.00015	<0.000005	11.8	<0.0001	0.000128	0.00015	<0.00005	0.100	0.000069	0.0027	2.20
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00184	<0.00001	<0.000005	<0.05	0.00016	<0.000005	15.8	<0.0001	0.000084	0.00010	<0.00005	0.034	<0.000005	0.0037	3.09
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00191	<0.00001	<0.000005	<0.05	0.00013	<0.000005	14.6	<0.0001	0.000084	0.00021	<0.00005	0.003	<0.000005	0.0023	2.47
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11	0.00046	<0.00001	0.018	0.00059	0.00020	3.64	0.00524	0.00018	2.0	<0.000005	0.38	0.0168	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00115	<0.00001	0.014	0.00059	0.00027	3.72	0.00512	0.00018	1.9	<0.000005	0.37	0.0154	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11	0.00151	<0.00001	0.026	0.00034	0.00017	1.74	0.00294	0.00008	0.9	<0.000005	0.15	0.00704	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00120	<0.00001	0.005	0.00037	0.00010	2.17	0.00344	0.00009	1.2	<0.000005	0.18	0.00828	<10	<0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11	0.00134	<0.00001	0.005	0.00055	0.00014	3.65	0.00569	0.00017	2.0	<0.000005	0.37	0.0159	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00093	<0.00001	0.005	0.00044	0.00022	3.10	0.00460	0.00012	1.8	<0.000005	0.27	0.0137	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00128	<0.00001	0.014	0.00030	0.00031	2.04	0.00322	0.00010	1.3	<0.000005	0.19	0.00864	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00127	<0.00001	0.005	0.00041	0.00009	2.42	0.00373	0.00007	1.4	<0.000005	0.19	0.00971	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00103	<0.00001	0.003	0.00029	0.00008	2.01	0.00314	0.00009	1.1	<0.000005	0.16	0.00790	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11	0.00117	<0.00001	0.003	0.00034	0.00020	2.45	0.00358	0.00010	1.4	<0.000005	0.20	0.0101	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00125	<0.00001	0.007	0.00027	0.00013	2.16	0.00331	0.00008	1.2	<0.000005	0.16	0.00861	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00155	<0.00001	0.003	0.00027	0.00015	1.75	0.00319	0.00008	1.2	<0.000005	0.13	0.00770	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00116	0.00001	<0.002	0.00030	0.00004	2.27	0.00392	0.00009	1.4	<0.000005	0.17	0.00970	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00150	<0.00001	0.007	0.00026	0.00011	1.86	0.00307	0.00008	1.2	<0.000005	0.14	0.00765	<10	<0.00002	<0.000002
BR03-3	HC-11															
BR03-3	HC-11	0.00121	<0.00001	0.005	0.00025	0.00013	2.01	0.00324	0.00009	1.1	<0.000005	0.16	0.00829	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00113	<0.00001	0.002	0.00035	0.00025	3.15	0.00471	0.00009	1.8	<0.000005	0.23	0.0122	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11	0.00142	<0.00001	0.003	0.00027	0.00021	2.24	0.00357	0.00008	1.4	<0.000005	0.15	0.00896	<10	<0.00002	0.000007
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00193	<0.00001	0.003	0.00025	0.00017	1.77	0.00288	0.00007	1.2	<0.000005	0.11	0.00687	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00178	<0.00001	<0.002	0.00033	0.00008	2.09	0.00347	0.00007	1.2	<0.000005	0.13	0.00855	<10	<0.00002	0.000006
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00110	<0.00001	<0.002	0.00023	0.00009	2.98	0.00436	0.00011	1.7	<0.000005	0.18	0.0113	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00079	0.00001	0.016	0.00026	0.00080	2.55	0.00374	0.00004	1.7	<0.000005	0.16	0.0103	<10	<0.00002	0.000004
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00099	0.000287	0.0010	0.0002	<0.0001	<0.002				1.31	1.28	1.23
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0028	0.00100	0.000290	0.0013	0.0012	<0.0001	<0.002				1.30	1.28	0.89
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0009	0.00034	0.000111	0.0005	0.0002	<0.0001	<0.002				0.58	0.62	-3.09
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0012	0.00044	0.000133	0.0007	<0.0001	<0.0001	<0.002				0.78	0.76	0.78
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	<0.0005	0.00088	0.000281	0.0010	0.0009	<0.0001	<0.002				1.35	1.34	0.37
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0009	0.00080	0.000251	0.0009	0.0003	<0.0001	<0.002				1.19	1.17	1.10
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0016	0.00050	0.000145	0.0008	0.0004	<0.0001	<0.002				0.82	0.77	2.77
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0012	0.00054	0.000179	0.0007	0.0001	<0.0001	<0.002				0.86	0.92	-3.42
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0007	0.00041	0.000129	0.0007	<0.0001	<0.0001	<0.002				0.71	0.71	-0.28
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0006	0.00055	0.000169	0.0008	<0.0001	<0.0001	<0.002				0.90	0.91	-0.72
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0009	0.00049	0.000136	0.0006	<0.0001	<0.0001	<0.002				0.82	0.77	3.34
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0010	0.00045	0.000104	0.0005	0.0001	<0.0001	<0.002				0.74	0.77	-1.92
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00060	0.000144	0.0005	<0.0001	<0.0001	<0.002				0.914	0.910	0.220
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0009	0.00046	0.000122	0.0005	0.0002	<0.0001	<0.002				0.845	0.758	5.43
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0009	0.00047	0.000114	0.0005	0.0012	<0.0001	<0.002				0.808	0.772	2.28
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	0.0007	0.00074	0.000192	0.0007	<0.0001	0.0003	<0.002				1.16	1.18	-0.900
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0023	0.00058	0.000128	0.0009	0.0004	<0.0001	<0.002				0.894	0.873	1.19
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	0.0033	0.00047	0.000082	0.0007	0.0004	<0.0001	0.005				0.636	0.706	-5.22
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0016	0.00047	0.000120	0.0005	0.0002	<0.0001	<0.002				0.862	0.845	1.00
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	0.0012	0.00067	0.000154	0.0007	0.0001	<0.0001	<0.002				1.13	1.14	-0.44
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00070	0.000143	0.0008	0.0006	<0.0001	<0.002				1.15	1.01	6.20
BR03-3	HC-11															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	102	09-Dec-14	500	475	7.96	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	103	16-Dec-14	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	104	23-Dec-14	500	475	7.90	102
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	105	30-Dec-14	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	106	06-Jan-15	500	485	7.92	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	107	13-Jan-15	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	108	20-Jan-15	500	480	7.93	111
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	109	27-Jan-15	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	110	03-Feb-15	500	485	7.96	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	111	10-Feb-15	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	112	17-Feb-15	500	485	7.78	94.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	113	24-Feb-15	500	450		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	114	03-Mar-15	500	480	7.87	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	115	10-Mar-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	116	17-Mar-15	500	460	7.81	94.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	117	24-Mar-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	118	31-Mar-15	500	460	7.96	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	119	07-Apr-15	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	120	14-Apr-15	500	485	7.91	110
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	121	21-Apr-15	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	122	28-Apr-15	500	455	7.87	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	123	05-May-15	500	450		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	124	12-May-15	500	450	7.85	101
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	125	19-May-15	500	450		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	126	26-May-15	500	475	7.98	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	127	02-Jun-15	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	128	09-Jun-15	500	480	7.83	103
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	129	16-Jun-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	130	23-Jun-15	500	480	7.92	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	131	30-Jun-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	132	07-Jul-15	500	475	7.92	103
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	133	13-Jul-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	134	21-Jul-15	500	475	8.00	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	135	28-Jul-15	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	136	04-Aug-15	500	470	7.82	92.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	137	11-Aug-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	138	18-Aug-15	500	450	7.84	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	139	25-Aug-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	140	01-Sep-15	500	450	7.74	83.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	141	08-Sep-15	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	142	16-Sep-15	500	475	8.03	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	143	22-Sep-15	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	144	29-Sep-15	500	470	7.88	109
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	145	06-Oct-15	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	146	13-Oct-15	500	475	7.89	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	147	20-Oct-15	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	148	27-Oct-15	500	475	7.80	97.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	149	03-Nov-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	150	10-Nov-15	500	475	7.84	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	151	17-Nov-15	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	152	24-Nov-15	500	475	7.65	90.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	140	13.6	<0.5	<0.5	32.5			<0.5					45.8	0.112	0.00004	0.0582
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	130	15.2	<0.5	<0.5	35.2			<0.5					48.0	0.118	0.00003	0.0462
BR03-3	HC-11																
BR03-3	HC-11	140	11.5	<0.5	<0.5	34.3			<0.5					40.5	0.0960	<0.00002	0.0359
BR03-3	HC-11																
BR03-3	HC-11	145	13.0	<0.5	<0.5	31.4			<0.5					39.1	0.117	<0.00002	0.0327
BR03-3	HC-11																
BR03-3	HC-11	170	14.4	<0.5	0.7	38.2			<0.5					50.7	0.0968	<0.00002	0.0407
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	130	15.2	<0.5	<0.5	30.8			<0.5					43.8	0.111	<0.00002	0.0295
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	130	13.6	<0.5	<0.5	28.5			<0.5					41.7	0.101	<0.00002	0.0323
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	115	14.2	<0.5	<0.5	35.3			<0.5					48.2	0.108	0.00002	0.0427
BR03-3	HC-11																
BR03-3	HC-11	120	13.6	<0.5	<0.5	31.0			<0.5					41.1	0.126	<0.00002	0.0364
BR03-3	HC-11																
BR03-3	HC-11	125	13.8	<0.5	<0.5	25.8			<0.5					38.1	0.0899	<0.00002	0.0259
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	130	16.5	<0.5	<0.5	36.5			0.7					48.2	0.0971	0.00003	0.0399
BR03-3	HC-11																
BR03-3	HC-11	125	18.3	<0.5	0.7	32.1			<0.5					43.2	0.0993	<0.00002	0.0356
BR03-3	HC-11																
BR03-3	HC-11	125	18.0	<0.5	0.6	28.2			1.0					40.1	0.0796	<0.00002	0.0255

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00208	<0.00001	<0.000005	<0.05	0.00011	0.000010	14.5	<0.0001	0.000059	0.00021	<0.00005	0.019	0.000010	0.0027	2.35
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00153	<0.00001	0.000011	<0.05	0.00014	<0.000005	15.1	<0.0001	0.000066	0.00012	<0.00005	0.025	0.000011	0.0034	2.51
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00131	<0.00001	<0.000005	<0.05	0.00012	<0.000005	12.6	<0.0001	0.000059	0.00009	<0.00005	0.017	0.000005	0.0026	2.19
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00121	<0.00001	<0.000005	<0.05	0.00011	<0.000005	12.2	<0.0001	0.000052	0.00011	<0.00005	0.012	0.000007	0.0028	2.10
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00149	<0.00001	<0.000005	<0.05	0.00012	<0.000005	15.8	<0.0001	0.000046	0.00007	<0.00005	0.009	<0.000005	0.0029	2.70
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00123	<0.00001	0.000005	<0.05	0.00011	<0.000005	13.6	<0.0001	0.000059	0.00017	<0.00005	0.013	0.000014	0.0023	2.39
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00125	<0.00001	<0.000005	<0.05	0.00011	<0.000005	12.8	<0.0001	0.000045	0.00014	<0.00005	0.012	0.000006	0.0020	2.38
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00144	<0.00001	<0.000005	<0.05	0.00012	<0.000005	15.0	<0.0001	0.000069	0.00008	<0.00005	0.027	0.000011	0.0027	2.59
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00129	<0.00001	<0.000005	<0.05	0.00012	<0.000005	12.9	<0.0001	0.000077	0.00011	<0.00005	0.046	<0.000005	0.0026	2.18
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00129	<0.00001	<0.000005	<0.05	0.00011	0.000022	11.8	<0.0001	0.000071	0.00048	<0.00005	0.021	0.000036	0.0025	2.09
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00215	<0.00001	<0.000005	<0.05	0.00012	0.000473	15.0	<0.0001	0.000064	0.00024	<0.00005	0.009	0.00643	0.0029	2.58
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00143	<0.00001	<0.000005	<0.05	0.00012	0.000009	13.5	0.0001	0.000063	0.00036	<0.00005	0.011	0.000033	0.0028	2.27
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00134	<0.00001	<0.000005	<0.05	0.00011	0.000013	12.3	<0.0001	0.000062	0.00007	<0.00005	0.012	0.000130	0.0031	2.29

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00105	<0.00001	0.008	0.00021	0.00013	2.48	0.00371	0.00009	1.6	<0.000005	0.13	0.00944	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00131	<0.00001	0.008	0.00024	0.00017	2.70	0.00407	0.00009	1.5	<0.000005	0.14	0.00962	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00128	<0.00001	0.003	0.00018	0.00013	2.26	0.00354	0.00006	1.4	<0.000005	0.10	0.00897	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11	0.00090	<0.00001	0.006	0.00021	0.00015	2.18	0.00339	0.00005	1.7	<0.000005	0.10	0.00842	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00083	<0.00001	<0.002	0.00022	0.00009	2.67	0.00403	0.00006	1.5	<0.000005	0.12	0.00999	<10	<0.00002	<0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00140	0.00001	<0.002	0.00024	0.00012	2.22	0.00364	0.00006	1.5	<0.000005	0.10	0.00825	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00134	<0.00001	<0.002	0.00021	0.00011	2.15	0.00336	0.00006	1.4	<0.000005	0.09	0.00808	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00189	<0.00001	0.005	0.00022	0.00019	2.32	0.00364	0.00007	1.7	<0.000005	0.10	0.00926	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00173	<0.00001	0.005	0.00021	0.00029	2.15	0.00353	0.00007	1.4	<0.000005	0.09	0.00832	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00273	<0.00001	0.016	0.00022	0.00025	1.92	0.00331	0.00005	1.4	<0.000005	0.13	0.00865	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00213	<0.00001	0.005	0.00024	0.00015	2.54	0.00382	0.00007	1.6	<0.000005	0.11	0.00958	<10	<0.00002	0.000016
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00210	<0.00001	<0.002	0.00025	0.00017	2.20	0.00360	0.00007	1.5	<0.000005	0.79	0.00874	<10	<0.00002	0.000006
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00230	<0.00001	0.005	0.00023	0.00012	2.01	0.00338	0.00005	1.3	<0.000005	0.08	0.00785	<10	<0.00002	0.000020

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00068	0.000119	0.0008	0.0027	<0.0001	<0.002				0.934	0.998	-3.31
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	<0.0005	0.00063	0.000132	0.0008	0.0006	<0.0001	<0.002				1.02	1.05	-1.30
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00062	0.000082	0.0006	0.0004	<0.0001	<0.002				0.925	0.883	2.32
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00060	0.000111	0.0004	0.0002	<0.0001	<0.002				0.899	0.854	2.57
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00078	0.000111	0.0007	0.0003	<0.0001	<0.002				1.06	1.10	-1.53
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00066	0.000102	0.0008	0.0004	<0.0001	<0.002				0.933	0.949	-0.850
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00073	0.000085	0.0007	0.0006	<0.0001	<0.002				0.853	0.905	-2.96
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00091	0.000097	0.0008	0.0022	<0.0001	<0.002				1.00	1.04	-1.96
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	0.0006	0.00080	0.000083	0.0008	0.0006	<0.0001	<0.002				0.90	0.90	0.39
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00066	0.000067	0.0011	0.0033	<0.0001	<0.002				0.80	0.83	-1.53
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00090	0.000088	0.0009	0.0038	<0.0001	<0.002				1.09	1.04	2.20
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00102	0.000081	0.0005	0.0007	<0.0001	<0.002				1.02	0.97	2.71
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00083	0.000062	0.0003	0.0017	<0.0001	<0.002				0.97	0.87	5.52

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	153	01-Dec-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	154	08-Dec-15	500	470	7.95	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	155	15-Dec-15	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	156	22-Dec-15	500	470	7.93	106
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	157	29-Dec-15	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	158	05-Jan-16	500	480	7.86	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	159	12-Jan-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	160	19-Jan-16	500	470	7.80	109
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	161	26-Jan-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	162	02-Feb-16	500	450	7.87	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	163	09-Feb-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	164	16-Feb-16	500	465	7.77	109
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	165	23-Feb-16	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	166	01-Mar-16	500	480	7.79	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	167	08-Mar-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	168	15-Mar-16	500	480	7.74	92
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	169	22-Mar-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	170	29-Mar-16	500	465	7.60	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	171	05-Apr-16	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	172	12-Apr-16	500	490	7.63	81
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	173	19-Apr-16	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	174	26-Apr-16	500	470	7.84	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	175	03-May-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	176	10-May-16	500	455	7.50	59
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	177	17-May-16	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	178	24-May-16	500	455	7.41	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	179	31-May-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	180	07-Jun-16	500	485	7.75	111
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	181	14-Jun-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	182	21-Jun-16	500	470	7.91	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	183	28-Jun-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	184	05-Jul-16	500	475	7.50	100
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	185	12-Jul-16	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	186	19-Jul-16	500	450	7.86	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	187	26-Jul-16	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	188	02-Aug-16	500	475	7.67	88
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	189	09-Aug-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	190	16-Aug-16	500	470	7.71	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	191	23-Aug-16	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	192	30-Aug-16	500	475	7.67	97
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	193	06-Sep-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	194	13-Sep-16	500	475	7.71	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	195	20-Sep-16	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	196	27-Sep-16	500	475	7.78	102
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	197	04-Oct-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	198	11-Oct-16	500	475	7.88	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	199	18-Oct-16	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	200	25-Oct-16	500	475	7.64	100
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	201	01-Nov-16	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	202	08-Nov-16	500	475	7.84	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	203	15-Nov-16	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	130	14.7	<0.5	<0.5	38.6			<0.5					47.7	0.0784	<0.00002	0.0370
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	140	16.5	<0.5	<0.5	35.1			0.7					47.6	0.0846	<0.00002	0.0385
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	145	18.3	<0.5	<0.5	34.9			<0.5					48.5	0.0591	<0.00002	0.0380
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	145	13.2	<0.5	<0.5	29.8			0.6					40.0	0.0689	<0.00002	0.0333
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	145	12.2	<0.5	<0.5	25.6			<0.5					35.0	0.0691	<0.00002	0.0232
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	160	11.9	<0.5	<0.5	14.7			0.8					24.8	0.0309	<0.00002	0.0054
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	170	14.2	<0.5	<0.5	39.2			<0.5					48.0	0.0590	<0.00002	0.0350
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	180	14.4	<0.5	<0.5	32.4			<0.5					43.0	0.0670	<0.00002	0.0411
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	170	14.6	<0.5	<0.5	26.2			0.6					38.0	0.0591	<0.00002	0.0305
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	160	14.7	<0.5	<0.5	29.7			0.9					41.0	0.0607	<0.00002	0.0408
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	190	17.7	<0.5	<0.5	30.8			0.8					44.4	0.0617	<0.00002	0.0419
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	190	16.0	<0.5	<0.5	30.3			0.9					45.1	0.0784	<0.00002	0.0503
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00154	<0.00001	<0.000005	<0.05	0.00012	0.000075	14.4	<0.0001	0.000061	0.00009	<0.00005	0.006	0.000061	0.0022	2.82
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00136	<0.00001	<0.000005	<0.05	0.00012	<0.000005	14.7	<0.0001	0.000053	0.00008	<0.00005	0.008	0.000013	0.0026	2.62
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00154	<0.00001	<0.000005	<0.05	0.00012	<0.000005	15.0	<0.0001	0.000068	0.00019	<0.00005	0.009	0.000020	0.0027	2.69
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00118	<0.00001	<0.000005	<0.05	0.00010	0.000020	12.4	<0.0001	0.000054	0.00014	<0.00005	0.008	0.000009	0.0024	2.16
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00129	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.6	<0.0001	0.000056	0.00014	<0.00005	0.025	0.000054	0.0024	2.10
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00176	<0.00001	<0.000005	<0.05	0.00012	<0.000005	7.4	<0.0001	0.000084	0.00011	<0.00005	0.011	<0.000005	0.0015	1.54
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00207	<0.00001	<0.000005	<0.05	0.00017	<0.000005	14.9	<0.0001	0.000067	0.00009	<0.00005	0.009	0.000056	0.0028	2.65
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00147	<0.00001	<0.000005	<0.05	0.00010	<0.000005	13.5	<0.0001	0.000053	0.00007	<0.00005	0.009	0.000021	0.0024	2.28
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00121	<0.00001	<0.000005	<0.05	0.00010	<0.000005	11.6	<0.0001	0.000042	0.00010	<0.00005	0.006	0.000062	0.0024	2.19
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00198	<0.00001	<0.000005	<0.05	0.00011	0.000011	12.7	<0.0001	0.000047	0.00009	<0.00005	0.004	0.000015	0.0025	2.24
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00133	<0.00001	<0.000005	<0.05	0.00012	<0.000005	13.8	<0.0001	0.000044	0.00034	<0.00005	0.005	0.000011	0.0028	2.43
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00123	<0.00001	<0.000005	<0.05	0.00008	<0.000005	14.3	<0.0001	0.000047	0.00011	<0.00005	0.018	<0.000005	0.0029	2.30
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00273	<0.00001	0.009	0.00025	0.00021	2.42	0.00397	0.00008	1.7	<0.000005	0.10	0.00979	<10	<0.00002	0.000007
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00247	<0.00001	0.002	0.00025	0.00009	2.30	0.00375	0.00006	1.5	<0.000005	0.10	0.00953	<10	<0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00291	<0.00001	0.005	0.00028	0.00014	2.39	0.00369	0.00006	1.5	<0.000005	0.09	0.00968	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00206	0.00002	0.004	0.00023	0.00020	1.96	0.00316	0.00006	1.4	<0.000005	0.07	0.00759	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00169	<0.00001	<0.002	0.00020	0.00020	1.64	0.00296	0.00004	1.1	<0.000005	0.06	0.00679	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00533	<0.00001	<0.002	0.00015	0.00013	1.23	0.00268	<0.00004	0.8	<0.000005	0.06	0.00480	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00291	<0.00001	<0.002	0.00023	0.00010	2.21	0.00450	0.00006	1.7	<0.000005	0.08	0.00946	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00220	<0.00001	<0.002	0.00022	0.00010	1.93	0.00370	0.00012	1.3	<0.000005	0.07	0.00819	<10	0.00003	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00184	<0.00001	0.008	0.00022	0.00011	1.63	0.00302	0.00005	1.2	<0.000005	0.06	0.00689	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00207	<0.00001	0.005	0.00022	0.00018	1.86	0.00357	0.00005	1.5	<0.000005	0.07	0.00847	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00208	<0.00001	<0.002	0.00026	0.00014	2.00	0.00361	0.00005	1.5	<0.000005	0.08	0.00828	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00189	<0.00001	0.004	0.00026	0.00010	1.81	0.00357	0.00005	1.6	<0.000005	0.05	0.00822	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	<0.0005	0.00108	0.000079	0.0006	0.0032	<0.0001	<0.002				1.08	1.46	-14.9
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00108	0.000079	0.0007	0.0009	<0.0001	<0.002				1.06	1.02	1.92
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0005	<0.0005	0.00096	0.000076	0.0004	0.0006	<0.0001	<0.002				1.08	1.04	1.8
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00110	0.000055	0.0005	0.0020	<0.0001	<0.002				0.89	0.86	1.66
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00087	0.000046	0.0006	0.0008	<0.0001	0.003				0.77	0.75	0.86
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00047	0.000013	0.0005	0.0008	<0.0001	<0.002				0.57	0.53	3.00
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00122	0.000064	0.0005	0.0025	<0.0001	<0.002				1.08	1.03	2.56
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00133	0.000057	0.0005	0.0007	<0.0001	<0.002				0.95	0.92	1.50
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00117	0.000046	0.0004	0.0021	<0.0001	<0.002				0.85	0.81	2.11
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00114	0.000052	0.0004	0.0017	<0.0001	<0.002				0.93	0.88	2.66
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00132	0.000055	0.0004	0.0016	<0.0001	<0.002				1.01	0.95	2.96
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00141	0.000048	0.0006	0.0007	<0.0001	<0.002				0.97	0.96	0.26
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	204	22-Nov-16	500	470	7.79	108
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	205	29-Nov-16	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	206	06-Dec-16	500	475	7.68	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	207	13-Dec-16	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	208	20-Dec-16	500	475	7.59	97
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	209	27-Dec-16	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	210	03-Jan-17	500	480	7.64	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	211	10-Jan-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	212	17-Jan-17	500	475	7.62	78
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	213	24-Jan-17	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	214	31-Jan-17	500	485	7.68	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	215	07-Feb-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	216	14-Feb-17	500	475	7.82	109
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	217	21-Feb-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	218	28-Feb-17	500	470	7.73	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	219	07-Mar-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	220	14-Mar-17	500	475	7.71	100
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	221	21-Mar-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	222	28-Mar-17	500	470	7.60	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	223	04-Apr-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	224	11-Apr-17	500	490	7.69	85
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	225	18-Apr-17	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	226	25-Apr-17	500	490	7.68	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	227	02-May-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	228	09-May-17	500	480	7.63	84
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	229	16-May-17	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	230	23-May-17	500	480	7.53	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	231	30-May-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	232	06-Jun-17	500	490	7.62	82
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	233	13-Jun-17	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	234	20-Jun-17	500	490	7.67	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	235	27-Jun-17	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	236	04-Jul-17	500	475	7.46	93
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	237	11-Jul-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	238	18-Jul-17	500	480	7.57	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	239	25-Jul-17	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	240	01-Aug-17	500	470	7.69	108
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	241	08-Aug-17	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	242	15-Aug-17	500	470	7.85	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	243	22-Aug-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	244	29-Aug-17	500	485	7.54	85
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	245	05-Sep-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	246	12-Sep-17	500	475	7.55	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	247	19-Sep-17	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	248	26-Sep-17	500	475	7.62	91.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	249	03-Oct-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	250	10-Oct-17	500	480	7.57	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	251	17-Oct-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	252	24-Oct-17	500	475	7.64	88.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	253	31-Oct-17	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	254	07-Nov-17	500	475	7.64	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11	195	16.9	<0.5	<0.5	32.8			1.0					45.7	0.0775	0.00002	0.0575
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	190	16.8	<0.5	<0.5	27.7			<0.5					43.5	0.0770	0.00003	0.0518
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	200	14.2	<0.5	<0.5	22.1			1.0					33.6	0.0466	0.00002	0.0304
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	210	17.6	<0.5	<0.5	33.9			1.0					45.3	0.0632	<0.00002	0.0539
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	220	18.1	<0.5	<0.5	28.4			0.9					44.2	0.0606	<0.00002	0.0540
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	195	15.6	<0.5	<0.5	22.1			<0.5					36.6	0.0564	0.00004	0.0392
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	175	15.1	<0.5	<0.5	22.8			<0.5					38.1	0.0587	<0.00002	0.0380
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	195	15.4	<0.5	<0.5	24.3			<0.5					33.8	0.0451	0.00002	0.0327
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	200	16.8	<0.5	<0.5	27.4			<0.5					38.4	0.0464	<0.00002	0.0398
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	210	17.9	<0.5	0.9	31.9			<0.5					48.9	0.0626	0.00003	0.0531
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	220	13.9	<0.5	<0.5	26.0			<0.5					36.8	0.0550	<0.00002	0.0451
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	200	16.7	<0.5	<0.5	24.0			0.6					39.0	0.0592	<0.00002	0.0458
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	220	16.1	<0.5	<0.5	26.7			0.6					39.2	0.0575	<0.00002	0.0452
BR03-3	HC-11																
BR03-3	HC-11																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11	0.00140	<0.00001	<0.000005	<0.05	0.00011	<0.000005	14.6	<0.0001	0.000051	0.00015	<0.00005	0.028	<0.000005	0.0027	2.26
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00119	<0.00001	<0.000005	<0.05	0.00008	<0.000005	13.8	<0.0001	0.000041	0.00014	<0.00005	0.003	0.000035	0.0025	2.18
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00099	<0.00001	<0.000005	<0.05	0.00006	<0.000005	10.4	<0.0001	0.000035	0.00009	<0.00005	0.003	0.000005	0.0020	1.86
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00128	<0.00001	<0.000005	<0.05	0.00007	<0.000005	14.1	<0.0001	0.000037	0.00006	<0.00005	0.008	0.000010	0.0028	2.46
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00121	<0.00001	<0.000005	<0.05	0.00010	<0.000005	13.9	<0.0001	0.000029	0.00008	<0.00005	0.001	<0.000005	0.0027	2.31
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00111	<0.00001	<0.000005	<0.05	0.00008	<0.000005	11.4	<0.0001	0.000026	<0.00005	<0.00005	0.004	<0.000005	0.0024	1.99
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00159	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.7	<0.0001	0.000032	0.00006	<0.00005	0.008	0.000060	0.0023	2.17
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00119	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.2	<0.0001	0.000027	<0.00005	<0.00005	0.002	<0.000005	0.0019	2.03
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00138	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.7	<0.0001	0.000046	0.00010	<0.00005	0.004	<0.000005	0.0023	2.22
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00135	<0.00001	<0.000005	<0.05	0.00011	0.000022	15.1	<0.0001	0.000026	0.00031	<0.00005	0.011	0.000013	0.0028	2.72
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00111	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.4	<0.0001	0.000017	0.00009	<0.00005	0.002	0.000005	0.0023	2.01
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00111	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.0	<0.0001	0.000023	0.00010	<0.00005	0.003	0.000029	0.0023	2.20
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00109	<0.00001	<0.000005	<0.05	0.00009	<0.000005	12.0	<0.0001	0.000019	0.00005	<0.00005	0.004	<0.000005	0.0022	2.27
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11	0.00206	<0.00001	0.004	0.00029	0.00019	2.14	0.00407	0.00005	1.6	<0.000005	0.07	0.00899	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00169	<0.00001	0.005	0.00030	0.00006	1.81	0.00350	0.00009	1.5	<0.000005	0.07	0.00794	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00198	<0.00001	<0.002	0.00023	0.00012	1.47	0.00292	0.00005	1.2	<0.000005	0.06	0.00651	<10	0.00004	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00139	<0.00001	0.005	0.00029	0.00011	1.95	0.00341	0.00008	1.7	<0.000005	0.07	0.00878	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00161	<0.00001	<0.002	0.00029	0.00008	1.90	0.00374	0.00007	1.6	<0.000005	0.06	0.00858	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00150	<0.00001	<0.002	0.00025	0.00003	1.54	0.00317	0.00008	1.3	<0.000005	0.05	0.00653	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00190	<0.00001	<0.002	0.00026	0.00004	1.70	0.00325	<0.00004	1.3	<0.000005	0.08	0.00683	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00191	<0.00001	<0.002	0.00021	0.00003	1.49	0.00265	<0.00004	1.4	<0.000005	<0.05	0.00646	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00148	<0.00001	0.006	0.00023	0.00009	1.60	0.00330	<0.00004	1.4	<0.000005	0.05	0.00680	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00145	<0.00001	0.007	0.00034	0.00009	1.90	0.00381	0.00006	1.7	0.000011	0.09	0.00847	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00094	<0.00001	0.006	0.00045	0.00013	1.67	0.00322	0.00005	1.6	<0.000005	0.10	0.00671	<10	<0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00111	<0.00001	0.002	0.00061	0.00007	1.76	0.00341	0.00005	1.7	<0.000005	0.06	0.00659	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00080	<0.00001	0.004	0.00063	0.00007	1.69	0.00319	0.00006	1.6	<0.000005	0.05	0.00649	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00157	0.000047	0.0006	0.0006	<0.0001	<0.002				1.04	0.98	2.78
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00165	0.000048	0.0005	0.0011	<0.0001	<0.002				0.90	0.93	-1.26
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00120	0.000033	0.0003	0.0007	<0.0001	<0.002				0.77	0.72	3.43
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0004	<0.0005	0.00147	0.000063	0.0005	0.0006	<0.0001	<0.002				1.07	0.97	5.20
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00156	0.000044	0.0005	0.0006	<0.0001	<0.002				0.97	0.94	1.57
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00142	0.000032	0.0005	0.0005	<0.0001	<0.002				0.77	0.78	-0.65
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00129	0.000035	0.0003	0.0010	<0.0001	<0.002				0.77	0.82	-2.84
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00127	0.000034	<0.0002	0.0003	<0.0001	<0.002				0.81	0.72	5.90
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00136	0.000035	0.0004	0.0005	<0.0001	<0.002				0.90	0.82	4.72
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00163	0.000050	0.0005	0.0007	<0.0001	<0.002				1.01	1.04	-1.17
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00149	0.000028	0.0004	0.0069	<0.0001	<0.002				0.81	0.79	1.31
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00165	0.000030	0.0005	0.0007	<0.0001	<0.002				0.84	0.83	0.48
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00164	0.000035	0.0004	0.0002	<0.0001	<0.002				0.89	0.84	2.90
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	255	14-Nov-17	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	256	21-Nov-17	500	485	7.67	80.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	257	28-Nov-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	258	05-Dec-17	500	470	7.53	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	259	12-Dec-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	260	19-Dec-17	500	475	7.58	81.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	261	26-Dec-17	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	262	02-Jan-18	500	470	7.70	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	263	09-Jan-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	264	16-Jan-18	500	475	7.56	89.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	265	23-Jan-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	266	30-Jan-18	500	475	7.59	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	267	06-Feb-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	268	13-Feb-18	500	485	7.42	70.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	269	20-Feb-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	270	27-Feb-18	500	465	7.47	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	271	06-Mar-18	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	272	13-Mar-18	500	485	7.48	84.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	273	20-Mar-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	274	27-Mar-18	500	485	7.62	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	275	03-Apr-18	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	276	10-Apr-18	500	485	7.62	84.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	277	17-Apr-18	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	278	24-Apr-18	500	485	7.37	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	279	01-May-18	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	280	08-May-18	500	475	7.45	74.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	281	15-May-18	500	495		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	282	22-May-18	500	475	7.51	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	283	29-May-18	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	284	05-Jun-18	500	480	7.34	71.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	285	12-Jun-18	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	286	19-Jun-18	500	495	7.61	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	287	26-Jun-18	500	450		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	288	03-Jul-18	500	490	7.54	76.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	289	10-Jul-18	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	290	17-Jul-18	500	480	7.56	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	291	24-Jul-18	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	292	31-Jul-18	500	485	7.56	79.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	293	07-Aug-18	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	294	14-Aug-18	500	490	7.46	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	295	21-Aug-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	296	28-Aug-18	500	475	7.52	80.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	297	04-Sep-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	298	11-Sep-18	500	475	7.49	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	299	18-Sep-18	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	300	25-Sep-18	500	480	7.28	83.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	301	02-Oct-18	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	302	09-Oct-18	500	490	7.62	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	303	16-Oct-18	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	304	23-Oct-18	500	480	7.28	81.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	305	30-Oct-18	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11																
BR03-3	HC-11	240	15.2	<0.5	<0.5	23.4			<0.5					35.4	0.0545	0.00003	0.0532
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	250	14.8	<0.5	<0.5	18.0			<0.5					32.8	0.0483	<0.00002	0.0484
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	230	16.2	<0.5	<0.5	26.0			<0.5					36.9	0.0481	<0.00002	0.0473
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	250	14.1	<0.5	<0.5	17.3			<0.5					27.7	0.0387	<0.00002	0.0323
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	270	14.7	<0.5	<0.5	23.1			0.7					37.8	0.0438	<0.00002	0.0454
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	250	15.7	<0.5	<0.5	24.4			0.8					38.8	0.0399	<0.00002	0.0425
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	270	15.7	<0.5	<0.5	20.9			0.7					33.1	0.0342	<0.00002	0.0358
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	280	16.8	<0.5	<0.5	13.7			1.1					29.9	0.0309	<0.00002	0.0308
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	270	15.6	<0.5	1.1	23.2			<0.5					32.9	0.0357	<0.00002	0.0364
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	270	17.7	<0.5	<0.5	21.9			0.7					33.7	0.0361	<0.00002	0.0337
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	260	17.0	<0.5	<0.5	23.1			0.8					37.8	0.0367	<0.00002	0.0379
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	265	16.4	<0.5	<0.5	20.8			<0.5					33.8	0.0323	<0.00002	0.0358
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	260	14.2	<0.5	0.6	17.5			0.7					34.1	0.0366	0.00003	0.0317
BR03-3	HC-11																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11															
BR03-3	HC-11	0.00104	<0.00001	<0.000005	<0.05	0.00010	<0.000005	10.2	<0.0001	0.000033	0.00009	<0.00005	0.026	0.000005	0.0021	2.40
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00099	<0.00001	<0.000005	<0.05	0.00007	<0.000005	10.0	<0.0001	0.000017	0.00009	<0.00005	0.001	0.000022	0.0021	1.89
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00119	<0.00001	<0.000005	<0.05	0.00008	<0.000005	11.1	<0.0001	0.000014	0.00008	<0.00005	0.001	0.000007	0.0021	2.26
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00099	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.2	<0.0001	0.000022	0.00010	<0.00005	0.001	0.000007	0.0020	1.74
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00106	<0.00001	<0.000005	<0.05	0.00008	<0.000005	11.3	<0.0001	0.000016	0.00007	<0.00005	0.001	<0.000005	0.0021	2.32
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00130	<0.00001	<0.000005	<0.05	0.00007	<0.000005	11.8	<0.0001	0.000012	0.00010	<0.00005	<0.001	<0.000005	0.0020	2.24
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00187	<0.00001	<0.000005	<0.05	0.00007	<0.000005	10.1	<0.0001	0.000014	<0.00005	<0.00005	0.001	0.000034	0.0019	1.95
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.01860	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.0	<0.0001	0.000020	0.00008	<0.00005	<0.001	0.000518	0.0018	1.82
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00133	<0.00001	<0.000005	<0.05	0.00007	<0.000005	9.98	<0.0001	0.000013	0.00006	<0.00005	0.006	0.000010	0.0019	1.94
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00148	<0.00001	<0.000005	<0.05	0.00007	<0.000005	10.0	<0.0001	0.000011	0.00008	<0.00005	<0.001	0.000014	0.0019	2.11
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00131	<0.00001	<0.000005	<0.05	0.00008	<0.000005	11.50	0.0004	0.000013	0.00010	<0.00005	0.006	0.000010	0.0021	2.18
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00109	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.97	<0.0001	0.000012	<0.00005	<0.00005	0.001	<0.000005	0.0020	2.16
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00240	<0.00001	<0.000005	<0.05	0.00007	<0.000005	10.3	<0.0001	0.000014	0.00015	<0.00005	0.001	0.000023	0.0019	2.01
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11	0.00083	<0.00001	<0.002	0.00053	0.00007	1.75	0.00335	0.00004	1.6	<0.000005	0.06	0.00718	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00064	<0.00001	0.002	0.00057	0.00009	1.48	0.00292	<0.00004	1.4	<0.000005	<0.05	0.00626	<10	<0.00002	0.000009
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00044	<0.00001	0.007	0.00049	0.00006	1.63	0.00335	0.00006	1.4	<0.000005	0.06	0.00678	<10	0.00003	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00134	<0.00001	0.004	0.00038	0.00007	1.25	0.00241	0.00006	1.3	<0.000005	<0.05	0.00503	<10	0.00003	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00041	<0.00001	0.003	0.00041	0.00007	1.60	0.00293	0.00005	1.4	<0.000005	0.06	0.00656	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00045	<0.00001	0.005	0.00042	0.00005	1.51	0.00313	0.00006	1.5	<0.000005	0.05	0.00671	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00140	<0.00001	0.005	0.00031	0.00008	1.36	0.00288	<0.00004	1.4	<0.000005	0.05	0.00597	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00285	<0.00001	<0.002	0.00028	0.00013	1.34	0.00291	0.00004	1.3	<0.000005	0.06	0.00600	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00098	<0.00001	0.002	0.00030	0.00006	1.37	0.00296	0.00005	1.4	<0.000005	<0.05	0.00629	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00079	<0.00001	<0.002	0.00031	0.00008	1.38	0.00273	0.00004	1.4	<0.000005	0.05	0.00599	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00064	<0.00001	0.002	0.00032	0.00016	1.45	0.00317	0.00005	1.5	<0.000005	0.05	0.00666	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00092	<0.00001	<0.002	0.00028	0.00004	1.48	0.00303	0.00006	1.3	<0.000005	<0.05	0.00610	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00045	<0.00001	<0.002	0.00029	0.00012	1.38	0.00277	0.00004	1.5	<0.000005	0.07	0.00589	<10	<0.00002	0.000005
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00142	0.000026	0.0005	<0.0001	<0.0001	<0.002				0.79	0.76	1.42
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00129	0.000022	0.0004	0.0003	<0.0001	<0.002				0.67	0.70	-2.19
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00148	0.000028	0.0004	0.0028	<0.0001	<0.002				0.86	0.79	4.19
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00103	0.000018	0.0003	0.0006	<0.0001	<0.002				0.64	0.59	4.07
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00129	0.000025	0.0004	0.0002	<0.0001	<0.002				0.79	0.81	-1.13
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00145	0.000021	0.0004	0.0016	<0.0001	<0.002				0.84	0.82	1.09
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00112	0.000017	0.0002	0.0022	<0.0001	<0.002				0.77	0.70	4.22
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00098	0.000019	0.0003	0.0037	<0.0001	<0.002				0.66	0.64	1.39
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00123	0.000021	0.0003	0.0001	<0.0001	<0.002				0.788	0.697	6.13
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0002	<0.0005	0.00125	0.000019	0.0003	0.0003	<0.0001	<0.002				0.828	0.715	7.32
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	0.0003	<0.0005	0.00141	0.000022	0.0003	<0.0001	<0.0001	<0.002				0.839	0.799	2.44
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00133	0.000017	0.0003	<0.0001	<0.0001	<0.002				0.756	0.717	2.65
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.000009	<0.0002	0.0013	0.00123	0.000019	0.0004	0.0008	<0.0001	<0.002				0.667	0.723	-4.03
BR03-3	HC-11															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	306	06-Nov-18	500	470	7.48	85.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	307	13-Nov-18	500	440		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	308	20-Nov-18	500	470	7.56	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	309	27-Nov-18	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	310	04-Dec-18	500	475	7.42	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	311	11-Dec-18	500	465		89.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	312	18-Dec-18	500	475	7.32	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	313	25-Dec-18	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	314	01-Jan-19	500	470	7.33	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	315	08-Jan-19	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	316	15-Jan-19	500	465	7.46	91.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	317	22-Jan-19	500	455		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	318	29-Jan-19	500	470	7.32	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	319	05-Feb-19	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	320	12-Feb-19	500	470	7.62	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	321	19-Feb-19	500	460		90.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	322	26-Feb-19	500	470	7.62	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	323	05-Mar-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	324	12-Mar-19	500	475	7.53	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	325	19-Mar-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	326	26-Mar-19	500	470	7.60	95.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	327	02-Apr-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	328	09-Apr-19	500	465	7.52	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	329	16-Apr-19	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	330	23-Apr-19	500	475	7.46	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	331	30-Apr-19	500	470		93.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	332	07-May-19	500	470	7.59	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	333	14-May-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	334	21-May-19	500	480	7.43	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	335	28-May-19	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	336	04-Jun-19	500	470	7.32	88.0
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	337	11-Jun-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	338	18-Jun-19	500	470	7.30	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	339	25-Jun-19	500	460		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	340	02-Jul-19	500	475	7.38	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	341	09-Jul-19	500	480		69
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	342	16-Jul-19	500	475	7.55	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	343	23-Jul-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	344	30-Jul-19	500	470	7.39	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	345	06-Aug-19	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	346	13-Aug-19	500	485	7.48	51
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	347	20-Aug-19	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	348	27-Aug-19	500	470	7.24	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	349	03-Sep-19	500	455		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	350	10-Sep-19	500	465	7.11	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	351	17-Sep-19	500	475		57
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	352	24-Sep-19	500	485	7.08	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	353	01-Oct-19	500	465		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	354	08-Oct-19	500	480	7.25	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	355	15-Oct-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	356	22-Oct-19	500	470	7.49	85

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	255	15.5	<0.5	<0.5	17.2			<0.5					36.1	0.0287	<0.00002	0.0324
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	265	17.5	<0.5	<0.5	23.0			<0.5					35.7	0.0298	<0.00002	0.0400
BR03-3	HC-11																
BR03-3	HC-11	260	17.9	<0.5	0.5	23.8			<0.5					36.6	0.0248	<0.00002	0.0405
BR03-3	HC-11																
BR03-3	HC-11	290	18.7	<0.5	0.7	21.1			0.6					35.3	0.0220	<0.00002	0.0355
BR03-3	HC-11																
BR03-3	HC-11	295	19.6	<0.5	<0.5	20.6			<0.5					36.1	0.0272	0.00002	0.0442
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	275	23.8	<0.5	<0.5	23.9			<0.5					40.4	0.0238	<0.00002	0.0496
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	280	23.3	<0.5	<0.5	23.5			0.7					39.6	0.0231	<0.00002	0.0460
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	270	20.3	<0.5	<0.5	16.8			0.7					36.2	0.0186	<0.00002	0.0386
BR03-3	HC-11																
BR03-3	HC-11	270	16.1	<0.5	<0.5	12.7			0.5					28.0	0.0176	<0.00002	0.0301
BR03-3	HC-11																
BR03-3	HC-11	275	16.4	<0.5	<0.5	10.5			1.4					26.1	0.0156	<0.00002	0.0282
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	320	14.6	<0.5	1.7	5.5			<0.5					21.6	0.0095	<0.00002	0.0182
BR03-3	HC-11																
BR03-3	HC-11	330	17.4	<0.5	0.7	5.6			<0.5					25.6	0.0248	<0.00002	0.0228
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	350	23.0	<0.5	<0.5	13.9			<0.5					37.1	0.0162	<0.00002	0.0412

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00139	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.90	<0.0001	0.000016	0.00006	<0.00005	<0.001	<0.000005	0.0021	2.15
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00113	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.70	<0.0001	0.000011	0.00007	<0.00005	0.002	0.000006	0.0021	2.17
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00131	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.00	<0.0001	0.000006	0.00006	<0.00005	<0.001	<0.000005	0.0020	2.20
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00238	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.60	<0.0001	0.000017	0.00006	<0.00005	0.005	0.000236	0.0018	2.17
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00126	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.00	<0.0001	0.000009	0.00006	<0.00005	0.001	<0.000005	0.0021	2.10
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00144	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.10	<0.0001	0.000010	0.00010	<0.00005	<0.001	<0.000005	0.0029	2.48
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00138	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.10	<0.0001	0.000015	0.00010	<0.00005	<0.001	0.000010	0.0019	2.30
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00147	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.8	<0.0001	0.000015	0.00006	<0.00005	0.001	0.000013	0.0021	2.24
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00134	<0.00001	<0.000005	<0.05	0.00009	<0.000005	8.27	<0.0001	0.000047	0.00006	<0.00005	0.004	<0.000005	0.0021	1.77
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00101	<0.00001	<0.000005	<0.05	0.00008	<0.000005	7.72	<0.0001	0.000040	0.00017	<0.00005	0.005	<0.000005	0.0019	1.65
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00089	<0.00001	<0.000005	<0.05	0.00006	<0.000005	6.27	<0.0001	0.000072	<0.00005	<0.00005	0.005	<0.000005	0.0014	1.45
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00129	<0.00001	<0.000005	<0.05	0.00008	<0.000005	7.30	<0.0001	0.000061	0.00010	<0.00005	0.001	0.000008	0.0017	1.79
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00160	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.8	<0.0001	0.000019	0.00006	<0.00005	0.003	<0.000005	0.0022	2.46

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00084	<0.00001	<0.002	0.00029	0.00003	1.46	0.00326	0.00006	1.6	<0.000005	<0.05	0.00643	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00032	<0.00001	<0.002	0.00030	0.00005	1.52	0.00332	0.00006	1.5	<0.000005	0.06	0.00663	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00023	<0.00001	<0.002	0.00030	0.00003	1.55	0.00352	0.00004	1.4	<0.000005	<0.05	0.00674	<10	<0.00002	0.000008
BR03-3	HC-11															
BR03-3	HC-11	0.00042	<0.00001	<0.002	0.00035	0.00005	1.40	0.00320	<0.00004	1.3	<0.000005	0.05	0.00644	<10	0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00020	<0.00001	<0.002	0.00033	0.00005	1.50	0.00341	0.00004	1.6	0.000005	<0.05	0.00669	<10	<0.00002	0.000010
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00030	0.00001	<0.002	0.00035	0.00006	1.73	0.00357	0.00005	1.8	<0.000005	0.05	0.00794	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00110	<0.00001	<0.002	0.00031	0.00009	1.64	0.00343	0.00006	1.6	<0.000005	<0.05	0.00737	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00165	<0.00001	<0.002	0.00027	0.00008	1.46	0.00326	0.00005	1.4	<0.000005	<0.05	0.00671	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00483	<0.00001	<0.002	0.00019	0.00014	1.27	0.00306	0.00004	1.3	<0.000005	<0.05	0.00524	<10	<0.00002	0.000008
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00333	<0.00001	<0.002	0.00022	0.00010	1.18	0.00265	0.00004	1.1	<0.000005	<0.05	0.00483	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00480	<0.00001	<0.002	0.00014	0.00013	0.97	0.00244	<0.00004	0.8	<0.000005	<0.05	0.00390	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00344	<0.00001	<0.002	0.00017	0.00014	1.03	0.00262	<0.00004	1.0	<0.000005	<0.05	0.00481	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00150	<0.00001	<0.002	0.00034	0.00008	1.47	0.00332	0.00006	1.5	<0.000005	0.06	0.00709	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00115	0.000015	0.0003	<0.0001	<0.0001	<0.002				0.667	0.761	-6.58
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	0.0007	0.00134	0.000017	0.0004	0.0002	<0.0001	<0.002				0.823	0.759	4.05
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00124	0.000014	0.0003	<0.0001	<0.0001	<0.002				0.850	0.773	4.74
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00090	0.000017	0.0003	0.0002	<0.0001	<0.002				0.828	0.746	5.21
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.000010	<0.0002	<0.0005	0.00133	0.000014	0.0003	0.0001	<0.0001	<0.002				0.821	0.763	3.66
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00138	0.000016	<0.0002	0.0002	<0.0001	<0.002				0.974	0.856	6.45
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00134	0.000018	0.0005	0.0001	<0.0001	<0.002				0.975	0.836	7.68
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00116	0.000011	0.0002	0.0001	<0.0001	<0.002				0.778	0.762	1.04
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00067	0.000007	<0.0002	0.0003	<0.0001	<0.002				0.602	0.594	0.67
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00047	0.000007	0.0011	0.0001	<0.0001	<0.002				0.591	0.553	3.32
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00029	0.000004	<0.0002	<0.0001	<0.0001	0.004				0.415	0.458	-4.93
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	0.0008	0.00032	0.000005	<0.0002	<0.0001	<0.0001	0.003				0.430	0.543	-6.68
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00077	0.000012	<0.0002	<0.0001	<0.0001	<0.002				0.757	0.784	-1.75

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	357	29-Oct-19	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	358	05-Nov-19	500	480	7.17	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	359	12-Nov-19	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	360	19-Nov-19	500	480	7.37	82
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	361	26-Nov-19	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	362	03-Dec-19	500	475	7.33	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	363	10-Dec-19	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	364	17-Dec-19	500	495	7.32	65
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	365	24-Dec-19	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	366	31-Dec-19	500	495	7.26	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	367	07-Jan-20	500	475		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	368	14-Jan-20	500	470	7.33	68
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	369	21-Jan-20	500	495		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	370	28-Jan-20	500	475	7.35	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	371	04-Feb-20	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	372	11-Feb-20	500	475	7.04	49
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	373	18-Feb-20	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	374	25-Feb-20	500	470	7.27	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	375	03-Mar-20	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	376	10-Mar-20	500	490	7.20	57
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	377	17-Mar-20	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	378	24-Mar-20	500	480	7.05	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	379	31-Mar-20	500	488		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	380	07-Apr-20	500	470	7.06	55
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	381	14-Apr-20	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	382	21-Apr-20	500	495	7.17	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	383	28-Apr-20	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	384	05-May-20	500	490	7.21	50
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	385	12-May-20	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	386	19-May-20	500	475	7.13	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	387	26-May-20	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	388	02-Jun-20	500	460	7.15	64
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	389	09-Jun-20	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	390	16-Jun-20	500	480	7.16	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	391	23-Jun-20	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	392	30-Jun-20	500	480	7.18	55
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	393	07-Jul-20	500	485		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	394	14-Jul-20	500	475	7.21	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	395	21-Jul-20	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	396	28-Jul-20	500	470	7.35	72
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	397	04-Aug-20	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	398	11-Aug-20	500	460	7.27	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	399	18-Aug-20	500	500		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	400	25-Aug-20	500	480	7.27	69
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	401	01-Sep-20	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	402	08-Sep-20	500	470	7.39	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	403	15-Sep-20	500	490		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	404	22-Sep-20	500	485	7.27	55
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	405	29-Sep-20	500	470		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	406	06-Oct-20	500	470	7.25	
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	407	13-Oct-20	500	485		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	280	21.2	<0.5	0.7	12.2			0.5					38.1	0.0151	<0.00002	0.0370
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	360	18.1	<0.5	<0.5	8.9			<0.5					26.6	0.0143	<0.00002	0.0274
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	290	19.7	<0.5	<0.5	8.9			<0.5					28.3	0.0116	<0.00002	0.0306
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	290	12.6	<0.5	<0.5	4.0			<0.5					18.5	0.0062	<0.00002	0.0176
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	350	16.4	<0.5	<0.5	7.1			<0.5					23.8	0.0126	<0.00002	0.0246
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	290	16.3	<0.5	<0.5	5.6			<0.5					23.0	0.0115	<0.00002	0.0217
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	285	14.3	<0.5	<0.5	4.7			<0.5					19.2	0.0056	<0.00002	0.0188
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	290	20.6	<0.5	<0.5	5.8			<0.5					26.8	0.0161	<0.00002	0.0209
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	310	15.4	<0.5	<0.5	4.5			0.5					21.2	0.0048	<0.00002	0.0195
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	330	20.9	<0.5	<0.5	9.2			<0.5					29.0	0.0076	<0.00002	0.0241
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	295	19.0	<0.5	<0.5	6.6			<0.5					26.0	0.0059	<0.00002	0.0214
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11	310	14.2	<0.5	<0.5	5.7			<0.5					20.9	0.0059	<0.00002	0.0219
BR03-3	HC-11																
BR03-3	HC-11																
BR03-3	HC-11																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00139	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.8	<0.0001	0.000025	0.00009	<0.00005	0.003	0.000007	0.0022	2.67
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00111	<0.00001	<0.000005	<0.05	0.00006	<0.000005	7.54	<0.0001	0.000019	0.00009	<0.00005	0.010	<0.000005	0.0018	1.89
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00118	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.0	<0.0001	0.000029	0.00007	<0.00005	0.003	0.000006	0.0020	1.99
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00093	0.00001	<0.000005	<0.05	0.00006	<0.000005	5.1	<0.0001	0.000069	0.00005	<0.00005	0.004	<0.000005	0.0014	1.41
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00106	<0.00001	<0.000005	<0.05	0.00007	<0.000005	6.63	<0.0001	0.000042	0.00075	<0.00005	0.014	0.000008	0.0017	1.76
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00104	<0.00001	<0.000005	<0.05	0.00006	<0.000005	6.4	<0.0001	0.000038	0.00102	<0.00005	0.016	<0.000005	0.0013	1.71
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00094	<0.00001	<0.000005	<0.05	0.00007	<0.000005	5.29	<0.0001	0.000064	0.00008	<0.00005	0.002	<0.000005	0.0014	1.46
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00124	<0.00001	<0.000005	<0.05	0.00007	<0.000005	7.32	<0.0001	0.000064	0.00008	<0.00005	<0.001	0.000006	0.0015	2.06
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00111	<0.00001	<0.000005	<0.05	0.00008	<0.000005	5.78	<0.0001	0.000093	0.00074	<0.00005	<0.001	<0.000005	0.0016	1.63
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00131	<0.00001	<0.000005	<0.05	0.00008	<0.000005	7.87	<0.0001	0.000039	0.00291	<0.00005	<0.001	<0.000005	0.0018	2.27
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00126	<0.00001	<0.000005	<0.05	0.00008	<0.000005	7.14	<0.0001	0.000071	0.00259	<0.00005	0.001	<0.000005	0.0018	1.97
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00102	<0.00001	<0.000005	<0.05	0.00006	0.000335	5.77	<0.0001	0.000041	0.00080	<0.00005	<0.001	<0.000005	0.0013	1.57
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00176	<0.00001	<0.002	0.00029	0.00010	1.54	0.00342	0.00004	1.5	<0.000005	0.06	0.00668	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00203	<0.00001	<0.002	0.00018	0.00011	1.08	0.00268	0.00004	1.1	<0.000005	<0.05	0.00492	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00201	<0.00001	<0.002	0.00023	0.00013	1.16	0.00281	<0.00004	1.3	<0.000005	<0.05	0.00549	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00535	<0.00001	0.003	0.00014	0.00023	0.83	0.00230	<0.00004	0.8	<0.000005	<0.05	0.00367	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00276	<0.00001	0.005	0.00017	0.00015	1.09	0.00259	0.00004	1.0	<0.000005	<0.05	0.00438	<10	<0.00002	<0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00192	<0.00001	0.005	0.00015	0.00016	0.90	0.00221	<0.00004	0.8	<0.000005	<0.05	0.00415	<10	<0.00002	0.000002
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00400	<0.00001	0.006	0.00011	0.00021	0.84	0.00236	<0.00004	0.8	<0.000005	<0.05	0.00377	<10	0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00428	<0.00001	<0.002	0.00018	0.00030	0.99	0.00258	<0.00004	0.9	<0.000005	<0.05	0.00527	<10	0.00005	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00463	<0.00001	0.003	0.00013	0.00031	0.94	0.00263	<0.00004	0.9	<0.000005	<0.05	0.00399	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00248	<0.00001	0.005	0.00019	0.00025	1.13	0.00271	0.00004	1.1	<0.000005	0.06	0.00522	<10	<0.00002	0.000005
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00410	<0.00001	0.005	0.00018	0.00043	0.99	0.00263	<0.00004	1.0	<0.000005	0.05	0.00523	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.00251	<0.00001	0.004	0.00017	0.00071	0.82	0.00222	<0.00004	1.0	<0.000005	<0.05	0.00384	<10	<0.00002	0.000003
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00066	0.000008	<0.0002	0.0002	<0.0001	<0.002				0.701	0.805	-6.91
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00046	0.000004	<0.0002	0.0002	<0.0001	<0.002				0.555	0.562	-0.630
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00047	0.000007	<0.0002	<0.0001	<0.0001	<0.002				0.590	0.596	-0.51
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00020	0.000005	<0.0002	0.0001	<0.0001	<0.002				0.342	0.391	-6.68
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00032	0.000005	<0.0002	<0.0001	<0.0001	<0.002				0.485	0.505	-2.02
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00028	0.000003	<0.0002	0.0001	0.0002	<0.002				0.452	0.485	-3.52
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.000016	<0.0002	<0.0005	0.00018	0.000005	<0.0002	<0.0001	<0.0001	<0.002				0.393	0.406	-1.63
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00020	0.000005	<0.0002	0.0004	<0.0001	<0.002				0.544	0.563	-1.72
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00016	0.000003	<0.0002	0.0001	<0.0001	<0.002				0.425	0.448	-2.63
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00026	0.000004	<0.0002	0.0007	<0.0001	<0.002				0.619	0.612	0.570
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00021	0.000004	<0.0002	0.0004	<0.0001	<0.002				0.528	0.548	-1.86
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11	0.000007	<0.0002	<0.0005	0.00028	0.000004	<0.0002	0.0001	<0.0001	<0.002				0.411	0.439	-3.29
BR03-3	HC-11															
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	408	20-Oct-20	500	480	7.25	53
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	409	27-Oct-20	500	480		
BR03-3	HC-11	Umwelt	Iron Formation	10GSE104	66.85	69.85	0.66	0.65	0.14	48.50	3.77	410	03-Nov-20	500	485	7.15	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	0	21-Jan-13	750	575	9.34	260
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	1	28-Jan-13	500	480	8.97	228
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	2	04-Feb-13	500	485	8.89	207
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	3	11-Feb-13	500	450	8.71	185
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	4	18-Feb-13	500	460	8.33	204
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	5	25-Feb-13	500	445	8.30	157
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	6	04-Mar-13	500	465	8.07	180
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	7	11-Mar-13	500	465	8.11	204
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	8	18-Mar-13	500	455	7.92	198
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	9	25-Mar-13	500	470	7.98	195
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	10	01-Apr-13	500	475	7.92	167
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	11	08-Apr-13	500	455	7.89	149
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	12	15-Apr-13	500	470	7.84	143
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	13	22-Apr-13	500	475	7.78	157
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	14	29-Apr-13	500	475	7.70	154
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	15	06-May-13	500	460	7.62	161
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	16	13-May-13	500	460	7.79	156
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	17	20-May-13	500	450	7.64	169
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	18	27-May-13	500	490	7.66	135
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	19	03-Jun-13	500	475	7.61	139
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	20	10-Jun-13	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	21	17-Jun-13	500	475	7.79	139
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	22	24-Jun-13	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	23	01-Jul-13	500	455	7.74	167
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	24	08-Jul-13	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	25	15-Jul-13	500	465	7.69	169
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	26	22-Jul-13	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	27	29-Jul-13	500	465	7.53	162
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	28	05-Aug-13	500	455		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	29	12-Aug-13	500	475	7.66	166
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	30	19-Aug-13	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	31	26-Aug-13	500	450	7.69	174
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	32	02-Sep-13	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	33	09-Sep-13	500	480	7.71	138
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	34	16-Sep-13	500	480		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	35	23-Sep-13	500	450	7.28	201
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	36	30-Sep-13	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	37	07-Oct-13	500	460	7.42	182
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	38	14-Oct-13	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	39	21-Oct-13	500	455	7.38	187

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-3	HC-11	345	14.1	<0.5	<0.5	6.6			<0.5					19.6	0.0105	<0.00002	0.0182
BR03-3	HC-11																
BR03-3	HC-11																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-4	HC-20	120	22.2	<0.5	<0.5	54.5	0.31	0.089	26.7	0.11	0.013			14.6	0.0312	0.00013	0.08310
BR02-4	HC-20	120	16.4	<0.5	<0.5	68.0	0.26	0.055	16.9	<0.02	<0.005			16.8	0.0436	0.00044	0.19300
BR02-4	HC-20	120	25.1	<0.5	<0.5	38.9	0.10	<0.01	1.5	<0.02	<0.005			21.5	0.0636	0.00019	0.09860
BR02-4	HC-20	145	46.6	<0.5	<0.5	32.2	0.09	<0.01	1.1	<0.02	<0.005			29.5	0.0657	0.00014	0.06840
BR02-4	HC-20	120	55.5	<0.5	<0.5	35.5	0.08	<0.01	1.0	<0.02	<0.005			41.1	0.0583	0.00012	0.04560
BR02-4	HC-20	135	42.2	<0.5	<0.5	25.2	0.05	<0.01	0.8					37.0	0.0755	0.00008	0.02750
BR02-4	HC-20	160	55.0	<0.5	<0.5	31.5	0.06	<0.01	0.9					50.5	0.0610	0.00009	0.02420
BR02-4	HC-20	140	65.3	<0.5	1.0	35.4	0.08	<0.01	1.4					58.2	0.0499	0.00010	0.03180
BR02-4	HC-20	145	59.8	<0.5	0.5	35.7	0.06	<0.01	0.7					63.1	0.0454	0.00008	0.02500
BR02-4	HC-20	140	52.3	<0.5	1.2	39.0	0.07	<0.01	0.7					62.1	0.0474	0.00008	0.02510
BR02-4	HC-20	130	41.1	<0.5	0.6	34.5	0.05	<0.01	1.1					55.5	0.0513	0.00007	0.02250
BR02-4	HC-20	150	36.9	<0.5	<0.5	31.1	0.05	<0.01	<0.5					51.4	0.0482	0.00005	0.01630
BR02-4	HC-20	150	38.0	<0.5	1.0	28.3	<0.05	<0.01	0.7					48.8	0.1200	0.00005	0.01490
BR02-4	HC-20	140	44.6	<0.5	2.4	30.2	<0.05	<0.01	<0.5					54.6	0.0435	0.00005	0.01860
BR02-4	HC-20	130	41.5	<0.5	4.1	30.3	<0.05	<0.01	1.0					53.5	0.0470	0.00005	0.01880
BR02-4	HC-20	120	47.1	<0.5	1.9	27.3	<0.05	<0.01	0.8					56.9	0.0431	0.00005	0.01630
BR02-4	HC-20	120	48.5	<0.5	<0.5	28.2	<0.05	<0.01	0.8					58.2	0.0635	0.00004	0.01480
BR02-4	HC-20	130	50.6	<0.5	<0.5	28.4	<0.05	<0.01	0.5					63.5	0.0442	0.00003	0.01350
BR02-4	HC-20	140	31.6	<0.5	<0.5	28.9	<0.05	<0.01	0.6					50.9	0.0420	0.00004	0.01230
BR02-4	HC-20	140	35.7	<0.5	<0.5	25.9	<0.05	<0.01	1.1					52.5	0.0405	0.00003	0.01200
BR02-4	HC-20																
BR02-4	HC-20	140	37.6	<0.5	0.9	24.0	<0.05	<0.01	0.7					54.3	0.0428	0.00007	0.01250
BR02-4	HC-20																
BR02-4	HC-20	130	50.2	<0.5	<0.5	24.8	<0.05	<0.01	0.7					65.3	0.0333	0.00003	0.01070
BR02-4	HC-20																
BR02-4	HC-20	150	57.8	<0.5	4.7	25.9	<0.05	<0.01	0.9					61.3	0.0417	0.00003	0.01440
BR02-4	HC-20																
BR02-4	HC-20	150	51.8	<0.5	<0.5	21.5	<0.05	<0.01	0.7					63.6	0.0382	0.00002	0.00944
BR02-4	HC-20																
BR02-4	HC-20	140	48.3	<0.5	0.8	23.8	<0.05	<0.01	0.9					67.1	0.0350	0.00002	0.01100
BR02-4	HC-20																
BR02-4	HC-20	135	55.0	<0.5	<0.5	25.7	<0.05	<0.01	<0.5					69.7	0.0305	0.00002	0.00978
BR02-4	HC-20																
BR02-4	HC-20	160	43.7	<0.5	<0.5	16.9	<0.05	<0.01	<0.5					55.2	0.0265	<0.00002	0.00708
BR02-4	HC-20																
BR02-4	HC-20	150	76.3	<0.5	<0.5	17.6	<0.05	<0.01	1.1					79.1	0.0273	0.00002	0.00806
BR02-4	HC-20																
BR02-4	HC-20	150	62.7	<0.5	0.5	16.7	<0.05	<0.01	<0.5					80.0	0.0265	<0.00002	0.00893
BR02-4	HC-20																
BR02-4	HC-20	150	59.4	<0.5	<0.5	21.0	<0.05	<0.01	0.8					77.3	0.0228	0.00002	0.00720

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-3	HC-11	0.00102	<0.00001	<0.000005	<0.05	0.00007	0.000068	5.29	<0.0001	0.000064	0.00007	<0.00005	0.002	0.000012	0.0014	1.55
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-4	HC-20	0.00155	<0.00001	<0.000005	0.17	0.00099	<0.000005	3.91	0.0001	0.000014	0.00051	<0.00005	0.074	0.000017	0.0017	1.17
BR02-4	HC-20	0.00161	<0.00001	<0.000005	0.29	0.00106	<0.000005	4.23	<0.0001	0.000011	0.00136	<0.00005	0.064	0.000043	0.0029	1.51
BR02-4	HC-20	0.00209	<0.00001	<0.000005	0.10	0.00065	<0.000005	5.89	0.0001	0.000010	0.00043	<0.00005	0.136	0.000023	0.0030	1.65
BR02-4	HC-20	0.00298	<0.00001	<0.000005	0.09	0.00090	<0.000005	7.77	<0.0001	0.000009	0.00012	<0.00005	0.067	0.000021	0.0040	2.44
BR02-4	HC-20	0.00422	<0.00001	<0.000005	0.08	0.00096	<0.000005	10.9	0.0002	0.000014	0.00017	<0.00005	0.063	0.000030	0.0052	3.38
BR02-4	HC-20	0.00406	<0.00001	0.000007	<0.05	0.00081	<0.000005	9.65	0.0001	0.000006	0.00016	<0.00005	0.122	0.000031	0.0044	3.14
BR02-4	HC-20	0.00606	<0.00001	0.000006	0.06	0.00092	<0.000005	13.1	<0.0001	0.000014	0.00160	<0.00005	0.129	0.000031	0.0060	4.30
BR02-4	HC-20	0.00715	<0.00001	<0.000005	0.07	0.00105	<0.000005	15.2	<0.0001	0.000009	0.00023	<0.00005	0.063	0.000016	0.0074	4.95
BR02-4	HC-20	0.00775	<0.00001	<0.000005	0.05	0.00105	<0.000005	17.3	<0.0001	0.000013	0.00024	<0.00005	0.059	0.000020	0.0084	4.85
BR02-4	HC-20	0.00860	<0.00001	<0.000005	<0.05	0.00103	<0.000005	17.7	<0.0001	0.000007	0.00022	<0.00005	0.051	0.000019	0.0081	4.35
BR02-4	HC-20	0.00814	<0.00001	<0.000005	<0.05	0.00084	<0.000005	15.8	0.0001	0.000012	0.00025	<0.00005	0.067	0.000024	0.0067	3.91
BR02-4	HC-20	0.00781	<0.00001	<0.000005	<0.05	0.00077	<0.000005	15.0	<0.0001	0.000012	0.00026	<0.00005	0.090	0.000025	0.0061	3.38
BR02-4	HC-20	0.00805	<0.00001	0.000005	<0.05	0.00075	<0.000005	14.1	0.0002	0.000016	0.00115	<0.00005	0.082	0.000030	0.0056	3.31
BR02-4	HC-20	0.00806	<0.00001	<0.000005	<0.05	0.00079	<0.000005	16.1	<0.0001	0.000014	0.00010	<0.00005	0.062	0.000017	0.0059	3.49
BR02-4	HC-20	0.00838	<0.00001	0.000005	<0.05	0.00076	<0.000005	15.8	<0.0001	0.000012	0.00032	<0.00005	0.103	0.000024	0.0060	3.39
BR02-4	HC-20	0.00945	<0.00001	<0.000005	<0.05	0.00089	<0.000005	17.3	<0.0001	0.000012	0.00014	<0.00005	0.072	0.000012	0.0061	3.36
BR02-4	HC-20	0.00972	<0.00001	0.000006	<0.05	0.00079	<0.000005	17.7	<0.0001	0.000016	0.00022	<0.00005	0.286	0.000039	0.0058	3.40
BR02-4	HC-20	0.00966	<0.00001	<0.000005	<0.05	0.00075	<0.000005	19.2	0.0001	0.000014	0.00010	<0.00005	0.042	0.000024	0.0051	3.77
BR02-4	HC-20	0.00695	<0.00001	<0.000005	<0.05	0.00058	<0.000005	15.6	<0.0001	0.000013	0.00013	<0.00005	0.070	0.000015	0.0041	2.89
BR02-4	HC-20	0.00732	<0.00001	<0.000005	<0.05	0.00053	<0.000005	16.1	<0.0001	0.000012	0.00017	<0.00005	0.056	0.000020	0.0038	3.00
BR02-4	HC-20															
BR02-4	HC-20	0.00685	<0.00001	0.000005	<0.05	0.00048	<0.000005	16.6	0.0003	0.000014	0.00023	<0.00005	0.079	0.000020	0.0036	3.11
BR02-4	HC-20															
BR02-4	HC-20	0.00874	<0.00001	<0.000005	<0.05	0.00060	<0.000005	19.8	<0.0001	0.000018	0.00016	<0.00005	0.048	0.000011	0.0040	3.83
BR02-4	HC-20															
BR02-4	HC-20	0.00801	<0.00001	0.000007	<0.05	0.00062	<0.000005	18.7	<0.0001	0.000017	0.00011	<0.00005	0.095	0.000022	0.0043	3.54
BR02-4	HC-20															
BR02-4	HC-20	0.00850	<0.00001	<0.000005	<0.05	0.00063	<0.000005	19.0	0.0002	0.000019	0.00006	<0.00005	0.055	0.000020	0.0036	3.92
BR02-4	HC-20															
BR02-4	HC-20	0.00804	<0.00001	0.000006	<0.05	0.00054	<0.000005	20.0	<0.0001	0.000026	0.00010	<0.00005	0.084	0.000013	0.0032	4.16
BR02-4	HC-20															
BR02-4	HC-20	0.0124	<0.00001	<0.000005	<0.05	0.00057	<0.000005	20.9	<0.0001	0.000023	<0.00005	<0.00005	0.039	0.000006	0.0033	4.23
BR02-4	HC-20															
BR02-4	HC-20	0.00643	<0.00001	<0.000005	<0.05	0.00042	<0.000005	16.5	<0.0001	0.000019	0.00023	<0.00005	0.065	0.000019	0.0020	3.37
BR02-4	HC-20															
BR02-4	HC-20	0.0100	<0.00001	<0.000005	<0.05	0.00073	<0.000005	23.1	<0.0001	0.000032	0.00016	<0.00005	0.052	0.000014	0.0034	5.23
BR02-4	HC-20															
BR02-4	HC-20	0.00849	<0.00001	<0.000005	<0.05	0.00054	<0.000005	23.2	<0.0001	0.000029	0.00007	<0.00005	0.046	0.000011	0.0025	5.35
BR02-4	HC-20															
BR02-4	HC-20	0.00826	<0.00001	<0.000005	<0.05	0.00050	<0.000005	21.8	<0.0001	0.000073	0.00010	<0.00005	0.058	0.000013	0.0030	5.56

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-3	HC-11	0.00398	<0.00001	0.004	0.00016	0.00037	0.77	0.00206	<0.00004	0.9	<0.000005	0.06	0.00378	<10	<0.00002	0.000004
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-4	HC-20	0.00044	0.00003	0.042	0.00191	0.00045	6.32	0.00692	0.00018	3.4	<0.000005	42.60	0.0137	27	0.00004	<0.000002
BR02-4	HC-20	0.00075	0.00004	0.031	0.01310	0.00020	5.92	0.00706	0.00014	4.2	<0.000005	37.80	0.0145	17	<0.00002	<0.000002
BR02-4	HC-20	0.00128	0.00001	0.019	0.00475	0.00017	4.21	0.00476	0.00004	2.5	<0.000005	18.80	0.0176	<10	0.00006	<0.000002
BR02-4	HC-20	0.00196	<0.00001	0.011	0.00467	0.00010	4.81	0.00577	0.00008	2.1	<0.000005	19.30	0.0246	18	<0.00002	<0.000002
BR02-4	HC-20	0.00231	<0.00001	0.016	0.00370	0.00013	5.15	0.00618	0.00012	2.5	<0.000005	18.70	0.0339	18	<0.00002	<0.000002
BR02-4	HC-20	0.00245	<0.00001	0.007	0.00193	0.00013	4.06	0.00482	<0.00004	1.7	<0.000005	11.40	0.0313	16	<0.00002	<0.000002
BR02-4	HC-20	0.00369	<0.00001	0.024	0.00182	0.00016	4.79	0.00600	0.00004	2.0	<0.000005	12.00	0.0429	18	<0.00002	<0.000002
BR02-4	HC-20	0.00374	<0.00001	0.021	0.00161	0.00011	5.34	0.00677	0.00008	2.3	<0.000005	12.70	0.0494	17	<0.00002	<0.000002
BR02-4	HC-20	0.00391	0.00002	0.006	0.00155	0.00012	5.39	0.00651	0.00005	2.6	<0.000005	10.90	0.0502	20	0.00003	<0.000002
BR02-4	HC-20	0.00369	<0.00001	0.009	0.00118	0.00010	5.46	0.00728	0.00006	2.7	<0.000005	8.00	0.0511	20	<0.00002	<0.000002
BR02-4	HC-20	0.00365	<0.00001	0.005	0.00080	0.00011	4.44	0.00564	<0.00004	2.2	<0.000005	6.09	0.0428	13	<0.00002	<0.000002
BR02-4	HC-20	0.00453	<0.00001	0.003	0.00074	0.00008	4.00	0.00538	0.00006	2.1	<0.000005	4.86	0.0382	13	<0.00002	<0.000002
BR02-4	HC-20	0.00394	<0.00001	<0.002	0.00075	0.00014	3.80	0.00533	0.00006	1.7	<0.000005	4.07	0.0374	12	<0.00002	<0.000002
BR02-4	HC-20	0.00394	<0.00001	0.003	0.00078	0.00008	3.85	0.00532	0.00005	2.1	<0.000005	4.03	0.0396	14	<0.00002	0.000002
BR02-4	HC-20	0.00452	<0.00001	0.003	0.00075	0.00009	4.00	0.00553	0.00004	2.1	<0.000005	3.78	0.0372	14	<0.00002	<0.000002
BR02-4	HC-20	0.00521	<0.00001	<0.002	0.00080	0.00011	4.31	0.00577	0.00004	2.0	<0.000005	3.53	0.0376	17	<0.00002	<0.000002
BR02-4	HC-20	0.00570	<0.00001	<0.002	0.00072	0.00009	4.04	0.00581	<0.00004	2.2	<0.000005	3.17	0.0374	15	<0.00002	<0.000002
BR02-4	HC-20	0.00490	<0.00001	<0.002	0.00065	0.00015	4.03	0.00530	<0.00004	2.1	<0.000005	2.82	0.0389	17	<0.00002	0.000002
BR02-4	HC-20	0.00447	0.00006	<0.002	0.00038	0.00022	2.99	0.00434	<0.00004	2.0	<0.000005	2.04	0.0290	12	<0.00002	0.000002
BR02-4	HC-20	0.00461	0.00002	<0.002	0.00049	0.00027	3.04	0.00432	<0.00004	1.9	<0.000005	1.95	0.0295	13	<0.00002	<0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.00475	<0.00001	0.020	0.00050	0.00015	2.82	0.00404	<0.00004	2.1	<0.000005	1.78	0.0277	13	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.00855	<0.00001	<0.002	0.00044	0.00015	3.53	0.00521	0.00005	2.1	<0.000005	1.93	0.0329	18	<0.00002	<0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.00782	0.00002	0.005	0.00045	0.00031	3.69	0.00490	0.00005	2.3	<0.000005	1.88	0.0294	17	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.00932	<0.00001	0.002	0.00035	0.00016	3.49	0.00503	<0.00004	1.7	<0.000005	1.63	0.0288	19	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.0103	<0.00001	0.002	0.00031	0.00011	3.36	0.00471	<0.00004	2.1	<0.000005	1.36	0.0283	17	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20	0.0106	<0.00001	<0.002	0.00033	0.00011	3.30	0.00496	<0.00004	2.0	<0.000005	1.27	0.0316	17	<0.00002	<0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.0103	<0.00001	0.009	0.00028	0.00020	2.22	0.00339	<0.00004	1.6	<0.000005	0.80	0.0220	13	<0.00002	<0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.0161	0.00001	0.007	0.00031	0.00015	4.18	0.00627	0.00009	1.7	<0.000005	1.44	0.0328	25	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20	0.0168	<0.00001	0.004	0.00020	0.00145	3.36	0.00489	0.00006	1.9	<0.000005	1.05	0.0269	24	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.0272	<0.00001	0.005	0.00026	0.00053	3.12	0.00464	0.00005	1.8	<0.000005	0.93	0.0278	23	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-3	HC-11	<0.000005	<0.0002	<0.0005	0.00024	0.000011	<0.0002	<0.0001	<0.0001	<0.002				0.426	0.415	1.31
BR03-3	HC-11															
BR03-3	HC-11															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-4	HC-20	0.000015	0.0001	<0.0005	0.55500	0.000056	0.0011	0.0002	<0.0001	<0.002				2.32	2.31	0.26
BR02-4	HC-20	<0.000005	0.0002	<0.0005	0.41400	0.000248	0.0013	0.0007	<0.0001	<0.002				2.19	2.14	1.25
BR02-4	HC-20	<0.000005	0.0001	<0.0005	0.11900	0.000229	0.0004	0.0013	<0.0001	<0.002				1.35	1.37	-0.59
BR02-4	HC-20	<0.000005	0.0000	<0.0005	0.06110	0.000308	0.0003	0.0004	<0.0001	<0.002				1.65	1.56	2.74
BR02-4	HC-20	<0.000005	0.0001	<0.0005	0.04730	0.000335	0.0004	0.0003	<0.0001	<0.002				1.90	1.78	3.38
BR02-4	HC-20	<0.000005	0.0001	0.0005	0.03760	0.000211	0.0003	0.0002	<0.0001	<0.002				1.41	1.35	1.99
BR02-4	HC-20	<0.000005	0.0004	<0.0005	0.04270	0.000291	0.0002	0.0003	<0.0001	<0.002				1.80	1.67	3.98
BR02-4	HC-20	<0.000005	0.0001	<0.0005	0.04300	0.000313	0.0005	0.0006	<0.0001	<0.002				2.11	1.86	6.42
BR02-4	HC-20	<0.000005	0.0001	<0.0005	0.04120	0.000295	<0.0002	0.0004	<0.0001	0.016				1.98	1.88	2.62
BR02-4	HC-20	0.000011	0.0001	<0.0005	0.04330	0.000258	0.0004	0.0003	<0.0001	0.006				1.89	1.74	4.32
BR02-4	HC-20	<0.000005	0.0002	<0.0005	0.03770	0.000246	0.0004	0.0004	<0.0001	<0.002				1.58	1.50	2.73
BR02-4	HC-20	<0.000005	0.0001	<0.0005	0.03440	0.000179	<0.0002	0.0003	<0.0001	<0.002				1.39	1.35	1.64
BR02-4	HC-20	<0.000005	0.0018	<0.0005	0.03180	0.000150	<0.0002	0.0048	<0.0001	<0.002				1.38	1.27	4.28
BR02-4	HC-20	<0.000005	0.0000	<0.0005	0.03540	0.000136	0.0003	0.0001	<0.0001	<0.002				1.53	1.37	5.54
BR02-4	HC-20	<0.000005	0.0000	<0.0005	0.03290	0.000150	0.0002	0.0004	<0.0001	<0.002				1.50	1.35	5.35
BR02-4	HC-20	<0.000005	<0.00001	<0.0005	0.02930	0.000131	0.0002	<0.0001	<0.0001	<0.002				1.55	1.41	4.67
BR02-4	HC-20	<0.000005	<0.00001	<0.0005	0.02710	0.000139	<0.0002	0.0002	<0.0001	<0.002				1.60	1.42	5.77
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02720	0.000144	<0.0002	<0.0001	<0.0001	<0.002				1.64	1.50	4.27
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02100	0.000100	<0.0002	0.0004	<0.0001	<0.002				1.25	1.19	2.62
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02730	0.000113	0.0004	0.0006	<0.0001	<0.002				1.29	1.22	2.95
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	0.0014	<0.0005	0.02750	0.000095	0.0009	0.0004	<0.0001	<0.002				1.28	1.24	1.58
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02230	0.000095	<0.0002	0.0001	<0.0001	<0.002				1.56	1.49	2.43
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02890	0.000095	<0.0002	0.0003	<0.0001	<0.002				1.75	1.41	10.70
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02230	0.000080	<0.0002	0.0002	<0.0001	<0.002				1.53	1.44	3.03
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02420	0.000083	<0.0002	0.0001	<0.0001	<0.002				1.51	1.49	0.43
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.02890	0.000094	<0.0002	0.0006	<0.0001	<0.002				1.66	1.54	3.81
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.01670	0.000052	<0.0002	0.0006	<0.0001	<0.002				1.25	1.20	1.96
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	0.0003	<0.0005	0.01850	0.000058	<0.0002	0.0002	<0.0001	<0.002				1.97	1.76	5.79
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.01680	0.000050	<0.0002	0.0004	<0.0001	<0.002				1.64	1.74	-2.84
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.01650	0.000051	<0.0002	0.0003	<0.0001	<0.002				1.68	1.67	0.27

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	40	28-Oct-13	500	490		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	41	04-Nov-13	500	460	7.20	211
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	42	11-Nov-13	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	43	18-Nov-13	500	465	7.24	197
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	44	25-Nov-13	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	45	02-Dec-13	500	450	6.97	291
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	46	09-Dec-13	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	47	16-Dec-13	500	450	6.82	274
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	48	23-Dec-13	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	49	30-Dec-13	500	460	6.69	270
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	50	06-Jan-14	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	51	13-Jan-14	500	450	6.54	261
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	52	20-Jan-14	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	53	27-Jan-14	500	480	6.61	220
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	54	03-Feb-14	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	55	10-Feb-14	500	450	6.47	310
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	56	17-Feb-14	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	57	24-Feb-14	500	460	6.71	267
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	58	03-Mar-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	59	10-Mar-14	500	445	6.83	299
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	60	17-Mar-14	500	490		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	61	24-Mar-14	500	450	6.68	304
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	62	31-Mar-14	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	63	07-Apr-14	500	475	6.66	248
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	64	14-Apr-14	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	65	21-Apr-14	500	495	7.03	244
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	66	28-Apr-14	500	445		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	67	05-May-14	500	490	6.91	266
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	68	12-May-14	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	69	19-May-14	500	485	6.71	276
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	70	26-May-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	71	02-Jun-14	500	480	6.59	220
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	72	09-Jun-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	73	16-Jun-14	500	485	6.91	265
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	74	23-Jun-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	75	30-Jun-14	500	455	6.47	277
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	76	07-Jul-14	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	77	14-Jul-14	500	455	6.88	265
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	78	21-Jul-14	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	79	28-Jul-14	500	475	6.67	297
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	80	04-Aug-14	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	81	11-Aug-14	500	450	6.64	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	82	18-Aug-14	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	83	25-Aug-14	500	460	6.58	274
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	84	01-Sep-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	85	08-Sep-14	500	480	6.37	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	86	15-Sep-14	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	87	22-Sep-14	500	450	6.31	278
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	88	29-Sep-14	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	89	06-Oct-14	500	475	6.35	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	90	13-Oct-14	500	465		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-4	HC-20																
BR02-4	HC-20	135	79.5	<0.5	<0.5	17.4	<0.05	<0.01	<0.5					101.0	0.0154	<0.00002	0.00905
BR02-4	HC-20																
BR02-4	HC-20	150	72.4	<0.5	0.8	16.2	<0.05	<0.01	0.8					81.9	0.0047	<0.00002	0.00735
BR02-4	HC-20																
BR02-4	HC-20	170	122	<0.5	1.0	7.8	<0.05	<0.01	3.4					122.0	0.0012	<0.00002	0.01070
BR02-4	HC-20																
BR02-4	HC-20	190	125	<0.5	2.0	2.2	<0.05	<0.01	1.5					116.0	0.0006	<0.00002	0.00583
BR02-4	HC-20																
BR02-4	HC-20	130	114	<0.5	3.1	1.7	<0.05	<0.01	3.7					113.0	0.0022	<0.00002	0.00627
BR02-4	HC-20																
BR02-4	HC-20	145	116	<0.5	7.3	1.2	<0.05	<0.01	2.3					106.0	0.0006	<0.00002	0.01010
BR02-4	HC-20																
BR02-4	HC-20	120	93.6	<0.5	4.0	2.9	<0.05	<0.01	1.7					87.4	0.0007	<0.00002	0.00753
BR02-4	HC-20																
BR02-4	HC-20	115	144	<0.5	7.5	1.4	<0.05	<0.01	2.4					124.0	0.0025	<0.00002	0.01100
BR02-4	HC-20																
BR02-4	HC-20	115	112	<0.5	4.7	2.5	<0.05	<0.01	3.0					109.0	0.0018	<0.00002	0.00921
BR02-4	HC-20																
BR02-4	HC-20	110	141	<0.5	3.4	3.8	<0.05	<0.01	1.4					133.0	0.0020	<0.00002	0.00838
BR02-4	HC-20																
BR02-4	HC-20	110	128	<0.5	9.3	1.3	<0.05	<0.01	5.7					120.0	0.0021	<0.00002	0.01100
BR02-4	HC-20																
BR02-4	HC-20	95.0	111	<0.5	3.3	5.3	0.05	<0.01	1.6					106.0	0.0016	<0.00002	0.00402
BR02-4	HC-20																
BR02-4	HC-20	90.0	100	<0.5	8.3	5.8	0.06	<0.01	2.8					99.9	0.0048	<0.00002	0.00418
BR02-4	HC-20																
BR02-4	HC-20	100	111	<0.5	3.9	4.3	0.06	<0.01	2.3					115.0	0.0036	<0.00002	0.00299
BR02-4	HC-20																
BR02-4	HC-20	100	119	<0.5	4.3	4.6	0.06	<0.01	2.1					114	0.0056	<0.00002	0.00272
BR02-4	HC-20																
BR02-4	HC-20	120	86.2	<0.5	2.0	5.7	0.05	<0.01	1.8					89.5	0.0032	<0.00002	0.00210
BR02-4	HC-20																
BR02-4	HC-20	105	104	<0.5	3.6	2.6	0.06	<0.01	2.7					108	0.0073	<0.00002	0.00198
BR02-4	HC-20																
BR02-4	HC-20	110	114	<0.5	4.8	1.9	0.05	<0.01	3.0					119	0.0067	<0.00002	0.00302
BR02-4	HC-20																
BR02-4	HC-20	105	110	<0.5	8.0	1.4	0.06	<0.01	3.0					110	0.0052	<0.00002	0.00245
BR02-4	HC-20																
BR02-4	HC-20	110	122	<0.5	5.6	1.4	<0.05	<0.01	5.0					120	0.0039	<0.00002	0.00188
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	90.0	104	<0.5	12.3	1.5			2.4					99.5	0.0089	<0.00002	0.00182
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	120	110	<0.5	10.1	1.2			6.1					117	0.0104	<0.00002	0.00169
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-4	HC-20															
BR02-4	HC-20	0.0109	<0.00001	<0.000005	<0.05	0.00058	<0.000005	28.3	<0.0001	0.000199	0.00012	<0.00005	0.077	<0.000005	0.0030	7.29
BR02-4	HC-20															
BR02-4	HC-20	0.00997	<0.00001	<0.000005	<0.05	0.00061	<0.000005	23.1	<0.0001	0.000298	0.00014	<0.00005	0.106	0.000016	0.0027	5.88
BR02-4	HC-20															
BR02-4	HC-20	0.0160	<0.00001	<0.000005	<0.05	0.00123	0.000008	33.9	<0.0001	0.00138	0.00049	0.00006	1.460	0.000006	0.0037	8.94
BR02-4	HC-20															
BR02-4	HC-20	0.0137	<0.00001	<0.000005	<0.05	0.00119	0.000009	32.2	<0.0001	0.00125	0.00035	0.00017	0.631	<0.000005	0.0030	8.65
BR02-4	HC-20															
BR02-4	HC-20	0.0115	<0.00001	<0.000005	<0.05	0.00116	0.000015	31.1	<0.0001	0.00147	0.00030	0.00031	3.51	0.000008	0.0029	8.56
BR02-4	HC-20															
BR02-4	HC-20	0.00996	<0.00001	<0.000005	<0.05	0.00121	0.000010	28.5	<0.0001	0.00118	0.00008	0.00046	4.53	<0.000005	0.0026	8.48
BR02-4	HC-20															
BR02-4	HC-20	0.00867	<0.00001	<0.000005	<0.05	0.00102	0.000006	23.5	<0.0001	0.000710	0.00009	0.00028	3.08	<0.000005	0.0021	6.94
BR02-4	HC-20															
BR02-4	HC-20	0.0117	0.00001	<0.000005	<0.05	0.00139	0.000006	32.9	<0.0001	0.000913	0.00011	0.00090	4.51	0.000005	0.0023	10.10
BR02-4	HC-20															
BR02-4	HC-20	0.0102	<0.00001	<0.000005	<0.05	0.00134	<0.000005	29.6	<0.0001	0.000716	<0.00005	0.00036	3.37	<0.000005	0.0026	8.64
BR02-4	HC-20															
BR02-4	HC-20	0.0127	<0.00001	<0.000005	<0.05	0.00116	<0.000005	37.4	<0.0001	0.000581	0.00009	0.00056	3.04	0.000007	0.0026	9.74
BR02-4	HC-20															
BR02-4	HC-20	0.0127	0.00002	<0.000005	<0.05	0.00131	0.000006	31.8	<0.0001	0.000723	0.00018	0.00088	3.76	0.000008	0.0032	9.87
BR02-4	HC-20															
BR02-4	HC-20	0.0113	<0.00001	<0.000005	<0.05	0.00099	<0.000005	28.6	<0.0001	0.000510	0.00008	0.00028	2.94	<0.000005	0.0027	8.28
BR02-4	HC-20															
BR02-4	HC-20	0.0110	0.00002	<0.000005	<0.05	0.00087	0.000006	26.3	<0.0001	0.000348	0.00007	0.00047	3.68	<0.000005	0.0030	8.31
BR02-4	HC-20															
BR02-4	HC-20	0.0108	<0.00001	<0.000005	<0.05	0.00094	<0.000005	29.7	<0.0001	0.000400	0.00043	0.00044	2.51	0.000026	0.0032	9.93
BR02-4	HC-20															
BR02-4	HC-20	0.0109	0.00002	<0.000005	<0.05	0.00101	0.000006	30.0	<0.0001	0.000364	0.00047	0.00053	2.98	0.000005	0.0031	9.41
BR02-4	HC-20															
BR02-4	HC-20	0.00873	0.00001	<0.000005	<0.05	0.00091	<0.000005	23.4	<0.0001	0.000301	0.00006	0.00021	1.85	<0.000005	0.0024	7.52
BR02-4	HC-20															
BR02-4	HC-20	0.0104	0.00001	<0.000005	<0.05	0.00098	<0.000005	29.3	<0.0001	0.000339	0.00013	0.00052	3.08	0.000013	0.0024	8.44
BR02-4	HC-20															
BR02-4	HC-20	0.0131	0.00002	<0.000005	<0.05	0.00142	<0.000005	31.2	<0.0001	0.000457	0.00032	0.00071	3.28	0.000006	0.0039	10.0
BR02-4	HC-20															
BR02-4	HC-20	0.0111	0.00001	<0.000005	<0.05	0.00126	<0.000005	28.6	<0.0001	0.000445	0.00011	0.00058	2.98	<0.000005	0.0030	9.33
BR02-4	HC-20															
BR02-4	HC-20	0.0136	0.00001	<0.000005	<0.05	0.00140	0.000005	31.6	<0.0001	0.000545	0.00018	0.00058	2.73	0.000007	0.0035	10.1
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0116	0.00003	<0.000005	<0.05	0.00123	<0.000005	24.4	<0.0001	0.000476	0.00022	0.00077	4.43	0.000011	0.0028	9.34
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0125	0.00003	<0.000005	<0.05	0.00133	0.000006	30.2	<0.0001	0.000575	0.00031	0.00083	4.76	<0.000005	0.0031	10.1
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.0567	<0.00001	0.004	0.00022	0.00075	3.57	0.00504	0.00009	2.1	<0.000005	1.07	0.0308	30	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.06070	0.00001	0.012	0.00014	0.00142	3.01	0.00503	0.00012	1.8	<0.000005	0.86	0.0278	20	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.1480	<0.00001	0.010	0.00009	0.00507	5.68	0.00920	0.00027	1.9	<0.000005	1.16	0.0391	40	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.1360	<0.00001	0.006	<0.00005	0.00355	3.99	0.00724	0.00030	1.7	<0.000005	0.88	0.0364	40	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.121	0.00004	0.005	0.00014	0.00419	3.87	0.00642	0.00025	1.8	<0.000005	0.76	0.0378	41	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20	0.104	<0.00001	0.019	<0.00005	0.00338	3.71	0.00647	0.00032	1.8	<0.000005	0.75	0.0356	38	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.0745	<0.00001	0.003	<0.00005	0.00217	3.23	0.00546	0.00022	1.5	<0.000005	0.59	0.0277	34	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20	0.110	<0.00001	0.006	<0.00005	0.00356	4.36	0.00792	0.00025	1.6	<0.000005	0.81	0.0379	43	<0.00002	0.000006
BR02-4	HC-20															
BR02-4	HC-20	0.0844	0.00005	0.005	0.00006	0.00264	4.21	0.00743	0.00024	2.0	<0.000005	0.66	0.0319	41	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.0895	<0.00001	0.003	0.00006	0.00172	3.70	0.00616	0.00022	2.1	<0.000005	0.58	0.0411	46	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.109	<0.00001	0.005	0.00005	0.00220	3.45	0.00641	0.00032	1.9	0.000006	0.54	0.0360	48	<0.00002	0.000006
BR02-4	HC-20															
BR02-4	HC-20	0.091	<0.00001	<0.002	0.00006	0.00141	2.62	0.00492	0.00018	2.2	<0.000005	0.41	0.0298	35	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20	0.105	<0.00001	0.004	<0.00005	0.00103	2.40	0.00427	0.00027	2.4	<0.000005	0.38	0.0296	34	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20	0.106	<0.00001	<0.002	<0.00005	0.00125	2.88	0.00491	0.00026	2.2	<0.000005	0.42	0.0320	40	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.110	<0.00001	0.005	<0.00005	0.00130	2.67	0.00509	0.00027	2.3	0.000008	0.38	0.0317	41	<0.00002	0.000007
BR02-4	HC-20															
BR02-4	HC-20	0.0836	<0.00001	0.004	0.00007	0.00095	2.41	0.00467	0.00023	1.8	<0.000005	0.29	0.0268	30	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20	0.112	<0.00001	<0.002	<0.00005	0.00108	2.37	0.00504	0.00028	2.1	<0.000005	0.32	0.0293	36	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.118	<0.00001	0.006	<0.00005	0.00146	4.06	0.00821	0.00031	2.0	0.000007	0.48	0.0361	43	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20	0.125	<0.00001	0.004	<0.00005	0.00144	3.56	0.00664	0.00027	2.3	<0.000005	0.41	0.0297	40	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20	0.165	0.00002	0.004	<0.00005	0.00190	4.31	0.00788	0.00039	2.0	0.000005	0.44	0.0356	46	<0.00002	0.000006
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.195	0.00002	<0.002	<0.00005	0.00162	3.27	0.00659	0.00039	2.1	<0.000005	0.31	0.0286	40	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.194	<0.00001	<0.002	<0.00005	0.00218	3.87	0.00694	0.00045	2.2	0.000006	0.35	0.0314	44	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-4	HC-20															
BR02-4	HC-20	0.000005	<0.0002	<0.0005	0.01540	0.000040	<0.0002	0.0003	<0.0001	<0.002				2.00	2.16	-3.63
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00819	0.000032	<0.0002	0.0013	<0.0001	<0.002				1.85	1.76	2.60
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00117	0.000026	<0.0002	0.0011	<0.0001	<0.002				2.80	2.68	2.08
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0015	<0.0001	<0.002				2.69	2.49	3.81
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000011	<0.0002	0.0018	<0.0001	<0.002				2.51	2.52	-0.28
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00018	0.000009	<0.0002	0.0013	<0.0001	<0.002				2.50	2.41	1.75
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00011	0.000009	<0.0002	0.0007	<0.0001	<0.002				2.06	1.97	2.24
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00109	0.000021	<0.0002	0.0010	<0.0001	<0.002				3.10	2.79	5.20
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00143	0.000013	<0.0002	0.0007	<0.0001	<0.002				2.46	2.45	0.33
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00152	0.000017	<0.0002	0.0010	<0.0001	<0.002				3.06	2.90	2.74
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00057	0.000012	<0.0002	0.0006	<0.0001	<0.002				2.86	2.65	3.81
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00038	0.000010	<0.0002	0.0006	<0.0001	<0.002				2.46	2.30	3.34
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	0.0009	0.00088	0.000013	<0.0002	0.0005	<0.0001	<0.002				2.28	2.21	1.65
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00065	0.000025	<0.0002	0.0005	<0.0001	<0.002				2.47	2.49	-0.26
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00105	0.000022	<0.0002	0.0004	<0.0001	<0.002				2.64	2.47	3.37
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00092	0.000006	<0.0002	0.0004	<0.0001	<0.002				1.97	1.93	0.85
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00129	0.000010	<0.0002	0.0005	<0.0001	<0.002				2.31	2.35	-0.900
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00171	0.000011	<0.0002	0.0006	<0.0001	<0.002				2.51	2.63	-2.34
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00123	0.000010	<0.0002	0.0009	<0.0001	<0.002				2.40	2.42	-0.350
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00100	0.000011	<0.0002	0.0008	<0.0001	<0.002				2.71	2.64	1.33
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00047	0.000010	<0.0002	0.0009	<0.0001	<0.002				2.27	2.25	0.400
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000005	<0.0002	<0.0005	0.00031	0.000012	<0.0002	0.0007	<0.0001	<0.002				2.48	2.63	-2.89
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	91	20-Oct-14	500	495	6.51	201
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	92	27-Oct-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	93	03-Nov-14	500	460	5.90	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	94	10-Nov-14	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	95	17-Nov-14	500	460	5.94	250
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	96	24-Nov-14	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	97	01-Dec-14	500	495	5.94	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	98	08-Dec-14	500	455		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	99	15-Dec-14	500	455	4.59	323
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	100	22-Dec-14	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	101	29-Dec-14	500	450	4.43	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	102	05-Jan-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	103	12-Jan-15	500	450	4.40	405
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	104	19-Jan-15	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	105	26-Jan-15	500	490	4.54	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	106	02-Feb-15	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	107	09-Feb-15	500	475	4.44	381
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	108	16-Feb-15	500	480		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	109	23-Feb-15	500	475	4.37	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	110	02-Mar-15	500	490		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	111	09-Mar-15	500	475	4.31	334
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	112	16-Mar-15	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	113	23-Mar-15	500	490	4.19	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	114	30-Mar-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	115	06-Apr-15	500	480	4.15	344
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	116	13-Apr-15	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	117	20-Apr-15	500	465	3.99	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	118	27-Apr-15	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	119	04-May-15	500	485	3.94	382
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	120	11-May-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	121	18-May-15	500	450	3.89	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	122	25-May-15	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	123	01-Jun-15	500	465	3.84	354
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	124	08-Jun-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	125	15-Jun-15	500	480	3.98	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	126	22-Jun-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	127	29-Jun-15	500	445	3.82	361
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	128	06-Jul-15	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	129	13-Jul-15	500	475	3.87	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	130	20-Jul-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	131	27-Jul-15	500	470	3.80	322
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	132	03-Aug-15	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	133	10-Aug-15	500	475	3.87	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	134	17-Aug-15	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	135	24-Aug-15	500	480	3.95	269
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	136	31-Aug-15	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	137	07-Sep-15	500	475	3.90	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	138	14-Sep-15	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	139	21-Sep-15	500	465	3.84	366
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	140	28-Sep-15	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	141	05-Oct-15	500	465	3.74	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-4	HC-20	100	80.7	<0.5	8.5	2.3			4.5					77.6	0.0091	<0.00002	0.00118
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	120	108	<0.5	14.7	<0.5			4.7					90.4	0.0242	<0.00002	0.00147
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	200	131	6.7	29.1	<0.5			7.0					110	0.0814	<0.00002	0.00386
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	180	169	1.8	46.5	<0.5			5.9					131	0.122	<0.00002	0.00429
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	200	156	1.7	48.5	<0.5			2.3					115	0.111	<0.00002	0.00272
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	160	134	1.4	44.1	<0.5			0.7					95.6	0.103	<0.00002	0.00275
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	220	141	2.8	53.2	<0.5			0.5					90.1	0.126	<0.00002	0.00263
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	230	154	7.5	72.8	<0.5			<0.5					86.6	0.221	<0.00002	0.00285
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	240	147	10.3	74.3	<0.5			<0.5					76.4	0.256	<0.00002	0.00368
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	250	142	8.2	68.5	<0.5			<0.5					75.5	0.272	<0.00002	0.00355
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	220	116	12.1	65.0	<0.5			<0.5					59.7	0.235	<0.00002	0.00227
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	270	100	8.1	59.0	<0.5			<0.5					50.1	0.190	<0.00002	0.00280
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	230	134	6.5	86.9	<0.5			<0.5					59.6	0.324	<0.00002	0.00333
BR02-4	HC-20																
BR02-4	HC-20																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-4	HC-20	0.0112	0.00002	<0.000005	<0.05	0.00101	<0.000005	19.9	<0.0001	0.000387	0.00014	0.00039	3.28	<0.000005	0.0027	6.74
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0142	0.00003	<0.000005	<0.05	0.00130	<0.000005	23.3	<0.0001	0.000532	0.00021	0.00071	6.04	0.000012	0.0028	7.80
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0316	0.00005	<0.000005	<0.05	0.00291	0.000012	28.5	<0.0001	0.00136	0.00158	0.00180	8.98	0.000022	0.0046	9.52
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0337	0.00013	0.000007	<0.05	0.00343	0.000016	33.8	<0.0001	0.00137	0.00100	0.00315	16.6	0.000099	0.0047	11.4
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0320	0.00007	<0.000005	<0.05	0.00220	0.000006	30.6	<0.0001	0.000950	0.00057	0.00263	22.6	0.000033	0.0038	9.42
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0282	0.00007	<0.000005	<0.05	0.00232	0.000008	25.3	<0.0001	0.000862	0.00047	0.00267	18.7	0.000048	0.0038	7.88
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0308	0.00008	<0.000005	<0.05	0.00244	<0.000005	24.2	<0.0001	0.000752	0.00114	0.00322	23.1	0.000060	0.0038	7.21
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0327	0.00015	<0.000005	<0.05	0.00368	0.000010	23.1	<0.0001	0.00104	0.00144	0.00492	33.1	0.000291	0.0037	7.05
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0263	0.00015	<0.000005	<0.05	0.00353	0.000008	19.6	<0.0001	0.00107	0.00096	0.00577	31.9	0.000054	0.0034	6.69
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0216	0.00017	0.000012	<0.05	0.00342	0.000008	20.2	0.0002	0.00114	0.00096	0.00454	30.3	0.000049	0.0038	6.10
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0153	0.00012	<0.000005	<0.05	0.00246	0.000005	15.7	0.0002	0.000727	0.00113	0.00383	25.5	0.000061	0.0023	5.00
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0138	0.00010	<0.000005	<0.05	0.00205	<0.000005	13.4	0.0001	0.000601	0.00166	0.00340	23.9	0.000037	0.0032	4.07
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0215	0.00019	<0.000005	<0.05	0.00281	0.000007	15.6	0.0001	0.000995	0.00119	0.00506	39.9	0.000048	0.0025	5.00
BR02-4	HC-20															
BR02-4	HC-20															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-4	HC-20	0.183	<0.00001	<0.002	<0.00005	0.00156	2.62	0.00510	0.00035	2.1	0.000007	0.25	0.0265	31	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.261	0.00001	0.003	<0.00005	0.00194	3.37	0.00658	0.00042	2.0	0.000017	0.24	0.0314	36	<0.00002	0.000006
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.356	0.00002	0.009	<0.00005	0.00566	6.87	0.0148	0.00044	2.2	0.000028	0.50	0.0445	51	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.514	<0.00001	0.006	<0.00005	0.00630	7.39	0.0162	0.00050	2.8	0.000017	0.46	0.0562	58	<0.00002	0.000009
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.500	0.00002	0.004	<0.00005	0.00424	4.38	0.0100	0.00037	3.0	<0.000005	0.30	0.0491	48	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.398	<0.00001	0.008	<0.00005	0.00334	4.43	0.0103	0.00035	3.7	<0.000005	0.32	0.0479	45	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.427	<0.00001	0.002	<0.00005	0.00282	4.68	0.0109	0.00025	3.7	<0.000005	0.30	0.0480	43	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.491	<0.00001	<0.002	<0.00005	0.00380	5.92	0.0149	0.00025	4.5	<0.000005	0.33	0.0518	47	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.378	<0.00001	0.005	<0.00005	0.00408	5.64	0.0135	0.00027	3.9	0.000006	0.30	0.0428	45	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.315	<0.00001	0.006	<0.00005	0.00362	5.17	0.0133	0.00024	4.7	0.000011	0.34	0.0459	42	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.223	<0.00001	0.009	<0.00005	0.00215	3.09	0.00766	0.00023	4.5	<0.000005	0.21	0.0368	38	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.178	<0.00001	0.005	<0.00005	0.00161	2.54	0.00632	0.00017	4.1	<0.000005	0.18	0.0325	32	<0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.243	<0.00001	<0.002	<0.00005	0.00279	3.71	0.00903	0.00023	5.3	<0.000005	0.25	0.0388	46	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00062	0.000007	<0.0002	0.0004	<0.0001	<0.002				1.86	1.75	2.83
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00038	0.000011	<0.0002	0.0007	<0.0001	<0.002				2.39	2.13	5.75
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000031	<0.0002	0.0031	<0.0001	<0.002				2.93	2.75	3.17
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000006	<0.0002	<0.0005	0.00004	0.000091	<0.0002	0.0020	<0.0001	<0.002				3.69	3.46	3.15
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00003	0.000043	<0.0002	0.0016	<0.0001	<0.002				3.32	3.27	0.800
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00005	0.000052	<0.0002	0.0014	<0.0001	<0.002				2.82	2.73	1.53
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00003	0.000053	<0.0002	0.0018	<0.0001	<0.002				2.95	2.79	2.75
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000095	<0.0002	0.0036	<0.0001	<0.002				3.21	3.13	1.28
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000092	<0.0002	0.0029	<0.0001	<0.002				3.07	2.87	3.33
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000081	<0.0002	0.0037	<0.0001	<0.002				2.96	2.78	3.08
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	<0.00001	0.000072	<0.0002	0.0024	<0.0001	<0.002				2.41	2.23	3.94
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00001	0.000056	<0.0002	0.0024	<0.0001	<0.002				2.09	1.96	3.14
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00001	0.000073	<0.0002	0.0037	<0.0001	<0.002				2.79	2.77	0.29
BR02-4	HC-20															
BR02-4	HC-20															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	142	12-Oct-15	500	470		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	143	19-Oct-15	500	455	3.78	335
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	144	26-Oct-15	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	145	02-Nov-15	500	470	3.75	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	146	09-Nov-15	500	465		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	147	16-Nov-15	500	465	3.72	357
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	148	23-Nov-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	149	30-Nov-15	500	460	3.74	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	150	07-Dec-15	500	495		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	151	14-Dec-15	500	455	2.68	412
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	152	21-Dec-15	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	153	28-Dec-15	500	460	3.68	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	154	04-Jan-16	500	480		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	155	11-Jan-16	500	475	3.61	409
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	156	18-Jan-16	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	157	25-Jan-16	500	480	3.51	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	158	01-Feb-16	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	159	08-Feb-16	500	445	3.58	660
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	160	15-Feb-16	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	161	22-Feb-16	500	485	3.68	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	162	29-Feb-16	500	455		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	163	07-Mar-16	500	450	3.59	465
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	164	14-Mar-16	500	490		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	165	21-Mar-16	500	490	3.73	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	166	28-Mar-16	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	167	04-Apr-16	500	485	3.65	403
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	168	11-Apr-16	500	445		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	169	18-Apr-16	500	485	3.53	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	170	25-Apr-16	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	171	02-May-16	500	460	3.65	426
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	172	09-May-16	500	460		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	173	16-May-16	500	465	3.54	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	174	23-May-16	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	175	30-May-16	500	495	3.45	383
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	176	06-Jun-16	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	177	13-Jun-16	500	470	3.58	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	178	20-Jun-16	500	450		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	179	27-Jun-16	500	450	3.52	493
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	180	04-Jul-16	500	485		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	181	11-Jul-16	500	460	3.56	
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	182	18-Jul-16	500	475		
BR02-4	HC-20	Llama	Iron Formation (ore)	12GSE168	260.25	268.40	2.55	2.54	0.05	14.80	2.36	183	25-Jul-16	500	500	3.54	405

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-4	HC-20																
BR02-4	HC-20	220	123	11.2	80.6	<0.5			0.6					52.4	0.253	<0.00002	0.00291
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	205	125	19.1	87.3	<0.5			<0.5					55.3	0.289	<0.00002	0.00327
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	225	160	17.1	103.9	<0.5			<0.5					58.2	0.385	<0.00002	0.00308
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	240	146	22.4	111.8	<0.5			<0.5					53.2	0.391	<0.00002	0.00235
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	220	217	26.5	185.4	<0.5			<0.5					75.5	0.894	<0.00002	0.00553
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	260	179	25.1	133.8	<0.5			<0.5					46.9	0.543	<0.00002	0.00328
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	250	147	20.9	120.2	<0.5			<0.5					43.8	0.460	<0.00002	0.00406
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	255	155	20.7	124.0	<0.5			<0.5					46.9	0.518	<0.00002	0.00537
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	250	129	29.4	104.7	<0.5			<0.5					31.6	0.323	<0.00002	0.00322
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	255	168	27.7	146.8	<0.5			0.6					45.9	0.772	<0.00002	0.00371
BR02-4	HC-20																
BR02-4	HC-20																
BR02-4	HC-20	300	159	22.6	122.1	<0.5			<0.5					35.7	0.581	<0.00002	0.00417

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-4	HC-20															
BR02-4	HC-20	0.0190	0.00019	<0.000005	<0.05	0.00289	0.000007	13.7	<0.0001	0.00126	0.00078	0.00425	33.8	0.000066	0.0030	4.40
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0175	0.00016	<0.000005	<0.05	0.00267	0.000008	14.7	0.0002	0.00149	0.00093	0.00506	37.2	0.000068	0.0030	4.53
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0254	0.00026	<0.000005	<0.05	0.00338	0.000008	15.4	0.0001	0.00165	0.00175	0.00899	45.4	0.000068	0.0029	4.78
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0210	0.00023	<0.000005	<0.05	0.00282	0.000007	14.0	0.0002	0.000897	0.00077	0.00791	48.8	0.000125	0.0038	4.47
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0415	0.00051	<0.000005	<0.05	0.00518	0.000012	19.5	0.0003	0.00277	0.00136	0.0236	84.2	0.000145	0.0047	6.53
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0186	0.00030	0.000005	<0.05	0.00359	0.000009	12.0	0.0003	0.00124	0.00099	0.0114	58.9	0.000085	0.0034	4.13
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0162	0.00023	<0.000005	<0.05	0.00269	0.000007	11.4	0.0002	0.000789	0.00105	0.00994	53.0	0.000153	0.0026	3.73
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0196	0.00029	<0.000005	<0.05	0.00343	0.000011	12.3	0.0001	0.00156	0.00084	0.00987	57.5	0.000080	0.0027	3.92
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0109	0.00018	<0.000005	<0.05	0.00257	0.000006	8.07	0.0002	0.000870	0.00077	0.00475	41.2	0.000076	0.0021	2.78
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0203	0.00038	<0.000005	<0.05	0.00381	0.000007	12.1	0.0002	0.00121	0.00118	0.01120	61.8	0.000134	0.0038	3.81
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.0144	0.00031	<0.000005	<0.05	0.00314	0.000007	9.21	0.0001	0.000835	0.00097	0.00820	52.8	0.000199	0.0035	3.08

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-4	HC-20															
BR02-4	HC-20	0.203	<0.00001	0.006	<0.00005	0.00336	3.39	0.00916	0.00018	5.1	0.000005	0.22	0.0350	39	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.206	<0.00001	0.004	<0.00005	0.00456	2.97	0.00737	0.00018	5.1	<0.000005	0.20	0.0357	41	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.231	<0.00001	0.004	<0.00005	0.00442	4.24	0.0104	0.00020	5.9	<0.000005	0.27	0.0400	50	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20	0.201	<0.00001	0.005	<0.00005	0.00223	3.31	0.00812	0.00021	6.4	<0.000005	0.20	0.0360	52	<0.00002	0.000003
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.323	<0.00001	<0.002	<0.00005	0.00798	6.51	0.0167	0.00029	6.7	<0.000005	0.35	0.0500	80	<0.00002	0.000005
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.187	<0.00001	<0.002	<0.00005	0.00316	3.63	0.0102	0.00021	6.3	0.000008	0.21	0.0307	54	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.165	<0.00001	0.005	<0.00005	0.00216	2.64	0.00709	0.00020	5.6	0.000007	0.15	0.0289	49	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.172	<0.00001	<0.002	<0.00005	0.00420	3.13	0.00884	0.00021	5.8	0.000005	0.17	0.0307	48	<0.00002	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.113	<0.00001	0.004	<0.00005	0.00206	1.88	0.00594	0.00016	5.9	0.000013	0.10	0.0236	37	0.00003	0.000002
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.171	<0.00001	0.008	<0.00005	0.00377	3.53	0.01130	0.00018	7.6	<0.000005	0.18	0.0359	51	0.00003	0.000004
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.134	<0.00001	<0.002	<0.00005	0.00210	2.49	0.00784	0.00020	6.3	<0.000005	0.15	0.0312	47	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000078	<0.0002	0.0034	<0.0001	<0.002				2.57	2.39	3.69
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000006	<0.0002	<0.0005	0.00003	0.000061	<0.0002	0.0033	<0.0001	<0.002				2.61	2.56	0.83
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00002	0.000085	<0.0002	0.0044	<0.0001	<0.002				3.33	5.05	-20.6
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000011	<0.0002	<0.0005	0.00001	0.000086	<0.0002	0.0041	<0.0001	<0.002				3.05	3.20	-2.43
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000019	<0.0002	<0.0005	0.00002	0.000198	<0.0002	0.0091	<0.0001	<0.002				4.53	5.18	-6.7
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000025	<0.0002	<0.0005	<0.00001	0.000107	<0.0002	0.0057	<0.0001	<0.002				3.73	3.48	3.57
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000015	<0.0002	<0.0005	0.00001	0.000100	<0.0002	0.0047	<0.0001	<0.002				3.07	3.13	-1.02
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	<0.000005	<0.0002	<0.0005	0.00001	0.000094	<0.0002	0.0061	<0.0001	<0.002				3.23	3.37	-2.17
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000011	<0.0002	<0.0005	<0.00001	0.000055	<0.0002	0.0041	<0.0001	<0.002				2.69	2.56	2.56
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000007	<0.0002	<0.0005	0.00001	0.000111	<0.0002	0.0086	<0.0001	<0.002				3.52	3.63	-1.51
BR02-4	HC-20															
BR02-4	HC-20															
BR02-4	HC-20	0.000012	<0.0002	<0.0005	0.00002	0.000084	<0.0002	0.0051	<0.0001	<0.002				3.31	3.04	4.33

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	0	14-Oct-13	375	335	5.45	198
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	1	21-Oct-13	250	215	5.55	274
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	2	28-Oct-13	250	215	5.02	240
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	3	04-Nov-13	250	220	5.18	185
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	4	11-Nov-13	250	220	4.71	147
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	5	18-Nov-13	250	220	4.56	185
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	6	25-Nov-13	250	220	4.25	134
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	7	02-Dec-13	250	215	4.24	135
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	8	09-Dec-13	250	210	4.10	142
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	9	16-Dec-13	250	215	4.20	147
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	10	23-Dec-13	250	220	4.05	147
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	11	30-Dec-13	250	225	4.01	142
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	12	06-Jan-14	250	215	4.05	158
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	13	13-Jan-14	250	215	4.03	159
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	14	20-Jan-14	250	235	4.02	176
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	15	27-Jan-14	250	220	4.05	150
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	16	03-Feb-14	250	240	3.98	152
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	17	10-Feb-14	250	235	4.00	180
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	18	17-Feb-14	250	235	3.98	172
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	19	24-Feb-14	250	240	3.98	164
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	20	03-Mar-14	250	235	3.95	154
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	21	10-Mar-14	250	245	3.97	160
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	22	17-Mar-14	250	240	3.93	158
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	23	24-Mar-14	250	215	3.91	143
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	24	31-Mar-14	250	215	3.89	159
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	25	07-Apr-14	250	215	3.90	157
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	26	14-Apr-14	250	215	3.87	175
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	27	21-Apr-14	250	220	3.86	172
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	28	28-Apr-14	250	220	3.83	186
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	29	05-May-14	250	215	3.89	168
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	30	12-May-14	250	215	3.82	192
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	31	19-May-14	250	245	3.85	179
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	32	26-May-14	250	215	3.84	179
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	33	02-Jun-14	250	210	3.82	194
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	34	09-Jun-14	250	215	3.80	191
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	35	16-Jun-14	250	205	3.81	185
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	36	23-Jun-14	250	205	3.77	199
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	37	30-Jun-14	250	210	3.78	191
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	38	07-Jul-14	250	210	3.77	188
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	39	14-Jul-14	250	210	3.79	190
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	40	21-Jul-14	250	235	3.82	189
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	41	28-Jul-14	250	215	3.82	180
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	42	04-Aug-14	250	215	3.79	171
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	43	11-Aug-14	250	215	3.83	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	44	18-Aug-14	250	210	3.80	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	45	25-Aug-14	250	220	3.85	180
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	46	01-Sep-14	250	220	3.78	243
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	47	08-Sep-14	250	210	3.72	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	48	15-Sep-14	250	220	3.82	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	49	22-Sep-14	250	215	3.79	179
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	50	29-Sep-14	250	220	3.81	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-02	HC-31	175	66.6	<0.5	<0.5	2.5			10.0					85.9	0.120	0.00011	0.129
BR04-02	HC-31	180	112	<0.5	1.7	<0.5			13.5					125.0	0.127	0.00043	0.575
BR04-02	HC-31	115	99.2	<0.5	0.8	<0.5			4.7					98.2	0.058	0.00036	0.571
BR04-02	HC-31	195	78.9	<0.5	3.6	<0.5	<0.05	0.023	1.0					78.3	0.209	0.00031	0.299
BR04-02	HC-31	190	54.8	<0.5	8.3	<0.5			0.8					53.7	0.481	0.00027	0.213
BR04-02	HC-31	170	53.2	<0.5	10.0	<0.5			<0.5					41.1	0.749	0.00025	0.130
BR04-02	HC-31	240	45.2	<0.5	16.1	<0.5			<0.5					34.2	1.19	0.00023	0.123
BR04-02	HC-31	240	47.3	<0.5	17.1	<0.5	<0.05	<0.01	<0.5					27.1	1.58	0.00019	0.131
BR04-02	HC-31	250	49.0	<0.5	18.5	<0.5			0.5					27.1	2.09	0.00022	0.167
BR04-02	HC-31	250	45.4	<0.5	25.4	<0.5			<0.5					20.2	2.10	0.00022	0.170
BR04-02	HC-31	300	52.0	<0.5	35.9	<0.5			0.6					21.9	2.50	0.00022	0.212
BR04-02	HC-31	300	48.2	<0.5	25.7	<0.5	<0.05	<0.01	<0.5					19.1	2.56	0.00024	0.245
BR04-02	HC-31	300	55.4	<0.5	32.8	<0.5			<0.5					19.0	2.89	0.00021	0.246
BR04-02	HC-31	290	55.0	<0.5	41.0	<0.5			<0.5					19.0	2.86	0.00023	0.294
BR04-02	HC-31	300	61.7	<0.5	35.8	<0.5			<0.5					22.5	3.03	0.00028	0.323
BR04-02	HC-31	305	48.8	<0.5	31.1	<0.5	<0.05	<0.01	<0.5					16.0	2.42	0.00024	0.314
BR04-02	HC-31	310	49.5	4.6	43.9	<0.5			<0.5					16.2	2.44	0.00026	0.331
BR04-02	HC-31	290	67.7	4.3	51.2	<0.5			<0.5					22.6	2.84	0.00035	0.429
BR04-02	HC-31	290	64.2	5.9	47.2	<0.5			<0.5					19.7	2.52	0.00036	0.476
BR04-02	HC-31	300	53.2	5.9	43.8	<0.5	<0.05	<0.01	<0.5					18.5	2.32	0.00040	0.562
BR04-02	HC-31	300	52.2	6.3	41.3	<0.5			0.6					16.5	2.23	0.00044	0.580
BR04-02	HC-31	305	48.7	7.0	42.7	<0.5			<0.5					18.1	2.27	0.00045	0.623
BR04-02	HC-31	295	49.1	6.7	42.9	<0.5			<0.5					15.8	2.22	0.00045	0.670
BR04-02	HC-31	300	41.7	8.8	41.4	<0.5	<0.05	<0.01	<0.5					11.3	2.21	0.00039	0.531
BR04-02	HC-31	300	44.6	8.9	43.4	<0.5			0.6					11.1	2.63	0.00031	0.413
BR04-02	HC-31	305	52.1	9.6	50.8	<0.5			<0.5					12.0	3.13	0.00029	0.442
BR04-02	HC-31	305	55.3	9.8	53.1	<0.5			<0.5					12.8	3.25	0.00028	0.438
BR04-02	HC-31	305	60.4	11.2	51.2	<0.5	<0.05	<0.01	0.5					13.1	3.29	0.00030	0.433
BR04-02	HC-31	300	61.2	12.0	58.9	<0.5			<0.5					13.8	3.63	0.00028	0.402
BR04-02	HC-31	300	56.5	10.8	51.7	<0.5			<0.5					12.1	3.34	0.00027	0.327
BR04-02	HC-31	300	65.6	10.8	59.5	<0.5			<0.5					12.7	3.84	0.00027	0.381
BR04-02	HC-31	300	55.1	11.7	54.1	<0.5	<0.05	<0.01	<0.5					12.1	3.26	0.00025	0.340
BR04-02	HC-31	290	59.6	12.0	60.2	<0.5			<0.5					11.6	3.51	0.00026	0.391
BR04-02	HC-31	300	58.5	11.6	53.9	<0.5			<0.5					11.6	3.28	0.00025	0.327
BR04-02	HC-31	300	59.5	12.8	56.2	<0.5			0.5					11.7	3.14	0.00024	0.287
BR04-02	HC-31	290	59.7	14.1	57.4	<0.5	<0.05	<0.01	<0.5					10.4	3.15	0.00022	0.261
BR04-02	HC-31	300	62.4	13.2	59.9	<0.5			<0.5					12.7	3.50	0.00021	0.243
BR04-02	HC-31	290	57.2	13.3	58.0	<0.5			<0.5					12.2	3.55	0.00024	0.275
BR04-02	HC-31	320	58.6	12.0	54.4	<0.5			<0.5					10.4	3.19	0.00021	0.248
BR04-02	HC-31	300	58.6	14.2	56.6	<0.5	<0.05	<0.01	<0.5					10.9	3.38	0.00021	0.264
BR04-02	HC-31	290	59.4	12.5	58.3	<0.5			<0.5					12.4	3.35	0.00027	0.386
BR04-02	HC-31	290	47.5	12.6	50.7				<0.5					9.5	2.72	0.00025	0.303
BR04-02	HC-31																
BR04-02	HC-31	310	47.8	11.1	49.2				<0.5					9.2	2.96	0.00021	0.234
BR04-02	HC-31																
BR04-02	HC-31	280	49.4	11.6	50.9				<0.5					9.3	3.12	0.00020	0.256
BR04-02	HC-31																
BR04-02	HC-31	300	71.8	16.7	65.7				0.6					11.9	4.38	0.00019	0.167
BR04-02	HC-31																
BR04-02	HC-31	310	45.5	13.6	47.5				<0.5					8.6	2.64	0.00021	0.253
BR04-02	HC-31																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-02	HC-31	0.0141	0.00032	<0.000005	<0.05	0.00085	0.000133	18.5	0.0002	0.0488	0.0406	0.00042	1.75	0.000265	0.0095	9.66
BR04-02	HC-31	0.00323	0.00037	<0.000005	<0.05	0.00054	0.000069	26.4	0.0002	0.0171	0.0444	0.00020	0.555	0.000068	0.0057	14.3
BR04-02	HC-31	0.00261	0.00077	<0.000005	<0.05	0.00057	0.000093	20.2	<0.0001	0.0317	0.0794	0.00037	0.569	0.000033	0.0057	11.6
BR04-02	HC-31	0.00237	0.00125	<0.000005	<0.05	0.00063	0.000111	15.6	<0.0001	0.0442	0.167	0.00088	1.15	0.000089	0.0044	9.56
BR04-02	HC-31	0.00189	0.00188	<0.000005	<0.05	0.00076	0.000123	10.40	<0.0001	0.0485	0.246	0.00149	2.01	0.000160	0.0042	6.70
BR04-02	HC-31	0.00202	0.00194	<0.000005	<0.05	0.00088	0.000115	8.10	0.0001	0.0448	0.293	0.00202	2.45	0.000137	0.0042	5.06
BR04-02	HC-31	0.00166	0.00235	<0.000005	<0.05	0.00091	0.000117	6.70	0.0002	0.0431	0.341	0.00248	3.57	0.000174	0.0040	4.25
BR04-02	HC-31	0.00121	0.00257	<0.000005	<0.05	0.00101	0.000121	4.67	0.0003	0.0420	0.419	0.00309	4.27	0.000196	0.0035	3.75
BR04-02	HC-31	0.00111	0.00292	<0.000005	<0.05	0.00112	0.000130	4.86	0.0003	0.0374	0.490	0.00323	5.62	0.000176	0.0032	3.64
BR04-02	HC-31	0.00084	0.00264	<0.000005	<0.05	0.00103	0.000110	3.29	0.0003	0.0325	0.472	0.00279	6.08	0.000106	0.0030	2.92
BR04-02	HC-31	0.00081	0.00271	<0.000005	<0.05	0.00112	0.000100	3.74	0.0004	0.0309	0.512	0.00267	7.52	0.000134	0.0026	3.04
BR04-02	HC-31	0.00082	0.00246	<0.000005	<0.05	0.00104	0.000091	2.67	0.0004	0.0282	0.495	0.00215	7.97	0.000089	0.0023	3.01
BR04-02	HC-31	0.00065	0.00249	<0.000005	<0.05	0.00108	0.000094	2.91	0.0005	0.0255	0.462	0.00214	9.25	0.000190	0.0024	2.85
BR04-02	HC-31	0.00064	0.00225	<0.000005	<0.05	0.00106	0.000081	2.48	0.0005	0.0246	0.473	0.00185	9.39	0.000092	0.0024	3.11
BR04-02	HC-31	0.00089	0.00220	<0.000005	<0.05	0.00103	0.000081	3.42	0.0003	0.0252	0.457	0.00185	11.2	0.000074	0.0023	3.38
BR04-02	HC-31	0.00056	0.00175	<0.000005	<0.05	0.00092	0.000059	2.15	0.0004	0.0185	0.390	0.00154	9.0	0.000056	0.0018	2.59
BR04-02	HC-31	0.00064	0.00169	<0.000005	<0.05	0.00088	0.000059	2.20	0.0003	0.0179	0.373	0.00130	9.3	0.000094	0.0018	2.60
BR04-02	HC-31	0.00089	0.00168	<0.000005	<0.05	0.00099	0.000067	3.62	0.0003	0.0216	0.435	0.00180	12.9	0.000059	0.0018	3.28
BR04-02	HC-31	0.00106	0.00150	<0.000005	<0.05	0.00098	0.000053	3.43	0.0002	0.0169	0.293	0.00131	11.8	0.000051	0.0018	2.71
BR04-02	HC-31	0.00114	0.00129	<0.000005	<0.05	0.00096	0.000047	3.16	0.0002	0.0155	0.325	0.00134	11.2	0.000042	0.0015	2.57
BR04-02	HC-31	0.00111	0.00134	<0.000005	<0.05	0.00090	0.000045	2.93	0.0002	0.0141	0.275	0.00111	11.0	0.000026	0.0017	2.22
BR04-02	HC-31	0.00944	0.00118	<0.000005	<0.05	0.00094	0.000041	3.29	0.0002	0.0133	0.255	0.00104	11.1	0.000053	0.0017	2.39
BR04-02	HC-31	0.00155	0.00115	<0.000005	<0.05	0.00093	0.000058	2.54	0.0002	0.0135	0.254	0.00103	12.1	0.000046	0.0015	2.30
BR04-02	HC-31	0.00095	0.00104	<0.000005	<0.05	0.00099	0.000030	1.28	0.0003	0.0128	0.294	0.00094	9.56	0.000065	0.0012	1.97
BR04-02	HC-31	0.00081	0.00113	<0.000005	<0.05	0.00104	0.000032	1.22	0.0005	0.0134	0.296	0.00094	10.6	0.000048	0.0015	1.96
BR04-02	HC-31	0.00119	0.00113	<0.000005	<0.05	0.00098	0.000035	1.04	0.0005	0.0145	0.290	0.00097	11.5	0.000061	0.0017	2.28
BR04-02	HC-31	0.00076	0.00122	<0.000005	<0.05	0.00095	0.000036	1.11	0.0005	0.0153	0.298	0.00088	12.7	0.000051	0.0017	2.43
BR04-02	HC-31	0.00067	0.00118	<0.000005	<0.05	0.00108	0.000036	1.08	0.0005	0.0153	0.302	0.00085	13.3	0.000053	0.0019	2.52
BR04-02	HC-31	0.00120	0.00118	<0.000005	<0.05	0.00108	0.000038	1.08	0.0005	0.0166	0.304	0.00087	14.5	0.000049	0.0017	2.69
BR04-02	HC-31	0.00050	0.00107	<0.000005	<0.05	0.00099	0.000039	0.93	0.0005	0.0152	0.278	0.00085	13.1	0.000052	0.0019	2.36
BR04-02	HC-31	0.00079	0.00121	<0.000005	<0.05	0.00109	0.000037	0.95	0.0006	0.0166	0.289	0.00079	15.8	0.000048	0.0019	2.50
BR04-02	HC-31	0.00046	0.00106	<0.000005	<0.05	0.00096	0.000032	0.90	0.0006	0.0142	0.274	0.00075	13.2	0.000057	0.0020	2.40
BR04-02	HC-31	0.00048	0.00104	0.000006	<0.05	0.00097	0.000032	0.77	0.0005	0.0151	0.271	0.00062	13.8	0.000066	0.0019	2.35
BR04-02	HC-31	0.00051	0.00101	<0.000005	<0.05	0.00108	0.000032	0.86	0.0005	0.0141	0.232	0.00063	14.2	0.000060	0.0018	2.30
BR04-02	HC-31	0.00046	0.00092	<0.000005	<0.05	0.00095	0.000034	0.81	0.0006	0.0145	0.251	0.00058	13.6	0.000049	0.0015	2.35
BR04-02	HC-31	0.00044	0.00097	<0.000005	<0.05	0.00095	0.000031	0.81	0.0007	0.0141	0.231	0.00062	15.0	0.000055	0.0016	2.04
BR04-02	HC-31	0.00045	0.00101	<0.000005	<0.05	0.00099	0.000034	0.87	0.0007	0.0143	0.241	0.00056	14.7	0.000183	0.0018	2.57
BR04-02	HC-31	0.00047	0.00097	<0.000005	<0.05	0.00093	0.000034	0.73	0.0006	0.0132	0.229	0.00058	15.3	0.000066	0.0019	2.51
BR04-02	HC-31	0.00047	0.00085	<0.000005	<0.05	0.00099	0.000030	0.68	0.0006	0.0127	0.219	0.00047	13.2	0.000070	0.0016	2.11
BR04-02	HC-31	0.00043	0.00092	<0.000005	<0.05	0.00094	0.000028	0.72	0.0007	0.0130	0.222	0.00055	14.4	0.000048	0.0018	2.20
BR04-02	HC-31	0.00066	0.00089	<0.000005	<0.05	0.00077	0.000056	1.15	0.0004	0.0125	0.201	0.00051	15.6	0.000041	0.0017	2.32
BR04-02	HC-31	0.00046	0.00073	<0.000005	<0.05	0.00075	0.000025	0.82	0.0004	0.0100	0.170	0.00051	12.5	0.000042	0.0013	1.80
BR04-02	HC-31															
BR04-02	HC-31	0.00043	0.00078	<0.000005	<0.05	0.00081	0.000026	0.64	0.0006	0.00974	0.173	0.00037	11.9	0.000054	0.0014	1.86
BR04-02	HC-31															
BR04-02	HC-31	0.00044	0.00082	<0.000005	<0.05	0.00074	0.000029	0.66	0.0006	0.0107	0.180	0.00050	13.5	0.000081	0.0015	1.85
BR04-02	HC-31															
BR04-02	HC-31	0.00058	0.00091	0.000013	<0.05	0.00085	0.000028	0.62	0.0009	0.0131	0.199	0.00062	18.3	0.000088	0.0020	2.52
BR04-02	HC-31															
BR04-02	HC-31	0.00062	0.00066	<0.000005	<0.05	0.00067	0.000022	0.66	0.0005	0.00919	0.155	0.00069	12.3	0.000070	0.0013	1.68
BR04-02	HC-31															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-02	HC-31	0.549	<0.00001	0.011	<0.00005	0.0746	1.36	0.00284	0.00037	0.5	<0.000005	2.06	0.11900	28	<0.00002	0.000175
BR04-02	HC-31	0.562	0.00002	0.011	0.00007	0.04670	1.27	0.00213	0.00122	1.2	<0.000005	2.02	0.08480	53	<0.00002	0.000073
BR04-02	HC-31	0.603	0.00001	0.004	<0.00005	0.0465	1.31	0.00227	0.00097	1.3	<0.000005	1.12	0.04780	41	<0.00002	0.000086
BR04-02	HC-31	0.553	<0.00001	0.005	<0.00005	0.0520	1.23	0.00231	0.00110	1.5	<0.000005	0.72	0.02850	28	<0.00002	0.000083
BR04-02	HC-31	0.422	<0.00001	0.004	<0.00005	0.0481	1.28	0.00254	0.00093	1.3	<0.000005	0.44	0.01980	22	<0.00002	0.000102
BR04-02	HC-31	0.323	<0.00001	0.009	<0.00005	0.0419	1.21	0.00274	0.00094	1.2	<0.000005	0.32	0.01720	17	0.00002	0.000110
BR04-02	HC-31	0.266	0.00002	0.017	<0.00005	0.0401	1.07	0.00245	0.00098	1.1	<0.000005	0.25	0.01210	16	0.00002	0.000111
BR04-02	HC-31	0.227	0.00001	0.014	<0.00005	0.0415	1.13	0.00252	0.00099	0.8	<0.000005	0.19	0.00887	17	0.00002	0.000107
BR04-02	HC-31	0.182	<0.00001	0.014	<0.00005	0.0397	0.98	0.00248	0.00109	0.8	<0.000005	0.16	0.00835	17	0.00003	0.000109
BR04-02	HC-31	0.150	0.00001	0.010	<0.00005	0.0360	0.74	0.00219	0.00096	0.8	<0.000005	0.13	0.00544	14	0.00003	0.000089
BR04-02	HC-31	0.139	0.00004	0.019	<0.00005	0.0314	0.73	0.00208	0.00101	0.9	<0.000005	0.12	0.00591	18	0.00003	0.000092
BR04-02	HC-31	0.125	<0.00001	0.006	0.00007	0.0295	0.64	0.00186	0.00093	1.1	<0.000005	0.10	0.00381	18	0.00005	0.000076
BR04-02	HC-31	0.113	<0.00001	0.007	<0.00005	0.0260	0.57	0.00179	0.00098	0.9	<0.000005	0.08	0.00390	19	0.00004	0.000074
BR04-02	HC-31	0.105	<0.00001	0.024	<0.00005	0.0295	0.50	0.00167	0.00108	1.0	<0.000005	0.11	0.00383	19	0.00003	0.000065
BR04-02	HC-31	0.115	<0.00001	0.008	<0.00005	0.0275	0.49	0.00154	0.00113	2.3	<0.000005	0.09	0.00479	21	0.00004	0.000068
BR04-02	HC-31	0.0810	<0.00001	0.004	<0.00005	0.0183	0.38	0.00128	0.00098	1.4	0.000005	0.06	0.00316	17	0.00003	0.000050
BR04-02	HC-31	0.0772	<0.00001	0.006	<0.00005	0.0166	0.35	0.00119	0.00091	1.8	<0.000005	0.07	0.00324	16	0.00004	0.000045
BR04-02	HC-31	0.0946	<0.00001	0.009	<0.00005	0.0196	0.36	0.00130	0.00113	2.8	<0.000005	0.07	0.00524	20	0.00006	0.000059
BR04-02	HC-31	0.0761	<0.00001	0.010	<0.00005	0.0148	0.36	0.00118	0.00101	3.0	<0.000005	0.08	0.00485	19	0.00007	0.000053
BR04-02	HC-31	0.0696	<0.00001	0.006	<0.00005	0.0136	0.34	0.00112	0.00095	2.9	<0.000005	<0.05	0.00500	18	0.00004	0.000050
BR04-02	HC-31	0.0630	<0.00001	0.014	<0.00005	0.0121	0.31	0.00110	0.00112	2.9	<0.000005	0.06	0.00518	20	0.00005	0.000048
BR04-02	HC-31	0.0594	<0.00001	0.007	<0.00005	0.0114	0.30	0.00104	0.00099	3.0	<0.000005	0.05	0.00621	18	0.00005	0.000045
BR04-02	HC-31	0.0608	<0.00001	0.005	<0.00005	0.0113	0.29	0.00104	0.00106	3.3	<0.000005	0.05	0.00441	18	0.00005	0.000043
BR04-02	HC-31	0.0491	<0.00001	0.003	<0.00005	0.0108	0.26	0.00106	0.00085	1.6	<0.000005	<0.05	0.00268	16	0.00005	0.000045
BR04-02	HC-31	0.0510	<0.00001	0.004	<0.00005	0.0111	0.27	0.00117	0.00098	1.5	<0.000005	<0.05	0.00245	15	0.00004	0.000048
BR04-02	HC-31	0.0557	<0.00001	<0.002	<0.00005	0.0112	0.26	0.00110	0.00092	1.8	<0.000005	<0.05	0.00219	18	0.00006	0.000047
BR04-02	HC-31	0.0582	<0.00001	0.003	<0.00005	0.0117	0.25	0.00108	0.00102	1.8	<0.000005	0.05	0.00230	20	0.00006	0.000039
BR04-02	HC-31	0.0588	<0.00001	0.006	<0.00005	0.0119	0.25	0.00122	0.00091	2.1	<0.000005	0.06	0.00225	20	0.00005	0.000049
BR04-02	HC-31	0.0650	<0.00001	0.004	<0.00005	0.0126	0.23	0.00117	0.00115	1.9	<0.000005	<0.05	0.00256	22	0.00006	0.000043
BR04-02	HC-31	0.0581	<0.00001	0.003	<0.00005	0.0116	0.20	0.00106	0.00098	1.3	<0.000005	<0.05	0.00198	20	0.00007	0.000041
BR04-02	HC-31	0.0656	<0.00001	0.004	<0.00005	0.0126	0.19	0.00116	0.00114	1.6	<0.000005	<0.05	0.00246	23	0.00007	0.000045
BR04-02	HC-31	0.0570	<0.00001	0.005	<0.00005	0.0112	0.15	0.00101	0.00109	1.6	<0.000005	<0.05	0.00185	19	0.00006	0.000040
BR04-02	HC-31	0.0599	<0.00001	0.004	<0.00005	0.0112	0.16	0.00102	0.00109	1.7	<0.000005	<0.05	0.00180	20	0.00006	0.000037
BR04-02	HC-31	0.0568	<0.00001	0.006	<0.00005	0.0105	0.17	0.00110	0.00107	1.4	<0.000005	<0.05	0.00204	20	0.00006	0.000043
BR04-02	HC-31	0.0574	<0.00001	0.005	<0.00005	0.0110	0.14	0.00099	0.00109	1.2	<0.000005	<0.05	0.00201	19	0.00004	0.000046
BR04-02	HC-31	0.0566	<0.00001	0.003	<0.00005	0.0107	0.12	0.00098	0.00131	1.1	<0.000005	<0.05	0.00183	19	0.00005	0.000035
BR04-02	HC-31	0.0601	<0.00001	0.003	<0.00005	0.0110	0.14	0.00096	0.00113	1.2	<0.000005	<0.05	0.00212	23	0.00005	0.000035
BR04-02	HC-31	0.0608	<0.00001	0.008	<0.00005	0.0101	0.14	0.00100	0.00114	1.1	<0.000005	0.05	0.00190	22	0.00004	0.000036
BR04-02	HC-31	0.0518	<0.00001	0.005	<0.00005	0.00976	0.13	0.00099	0.00112	0.9	<0.000005	<0.05	0.00177	19	0.00005	0.000043
BR04-02	HC-31	0.0550	<0.00001	0.005	<0.00005	0.0102	0.12	0.00092	0.00120	1.2	<0.000005	<0.05	0.00191	20	0.00004	0.000032
BR04-02	HC-31	0.0564	<0.00001	0.005	<0.00005	0.0102	0.11	0.00074	0.00119	3.2	<0.000005	<0.05	0.00249	22	0.00007	0.000026
BR04-02	HC-31	0.0456	<0.00001	0.005	<0.00005	0.00865	0.10	0.00072	0.00098	1.6	<0.000005	<0.05	0.00191	16	0.00005	0.000027
BR04-02	HC-31															
BR04-02	HC-31	0.0436	<0.00001	0.008	<0.00005	0.00823	0.09	0.00076	0.00095	1.2	<0.000005	<0.05	0.00177	18	0.00005	0.000032
BR04-02	HC-31															
BR04-02	HC-31	0.0481	<0.00001	0.003	<0.00005	0.00885	0.08	0.00067	0.00112	1.7	0.000023	<0.05	0.00185	18	0.00004	0.000027
BR04-02	HC-31															
BR04-02	HC-31	0.0595	0.00002	0.003	<0.00005	0.00985	0.10	0.00082	0.00147	0.9	0.000010	<0.05	0.00193	25	0.00006	0.000034
BR04-02	HC-31															
BR04-02	HC-31	0.0439	<0.00001	0.003	<0.00005	0.00822	0.08	0.00056	0.00091	1.7	<0.000005	<0.05	0.00178	17	0.00004	0.000028
BR04-02	HC-31															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000029	<0.0002	0.0182	<0.0001	0.002				1.72	1.94	-5.93
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0084	<0.0001	0.002				2.72	2.67	0.91
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	<0.0002	0.0165	<0.0001	<0.002				2.20	2.10	2.35
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000053	<0.0002	0.0247	<0.0001	0.002				1.67	1.72	-1.36
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000088	<0.0002	0.0310	<0.0001	<0.002				1.17	1.27	-4.47
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000097	<0.0002	0.0306	<0.0001	<0.002				1.11	1.06	2.26
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000136	<0.0002	0.0323	<0.0001	0.002				0.94	1.00	-3.19
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000152	<0.0002	0.0351	<0.0001	<0.002				0.98	0.93	2.82
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000197	<0.0002	0.0325	<0.0001	<0.002				1.04	1.03	0.19
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000173	<0.0002	0.0266	<0.0001	<0.002				0.95	0.90	2.38
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000185	<0.0002	0.0265	<0.0001	<0.002				1.10	1.03	3.28
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000152	0.0002	0.0222	<0.0001	<0.002				1.00	0.99	0.55
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000158	0.0004	0.0217	<0.0001	<0.002				1.16	1.07	3.82
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000138	0.0005	0.0184	<0.0001	<0.002				1.15	1.07	3.43
BR04-02	HC-31	0.000005	<0.0002	<0.0005	<0.00001	0.000158	0.0008	0.0182	<0.0001	<0.002				1.29	1.22	2.51
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000113	0.0007	0.0125	<0.0001	<0.002				1.02	0.94	3.99
BR04-02	HC-31	<0.000005	<0.0002	0.0010	<0.00001	0.000152	0.0008	0.0122	<0.0001	<0.002				1.03	0.95	3.93
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000098	0.0013	0.0133	<0.0001	<0.002				1.41	1.26	5.69
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000067	0.0013	0.0114	<0.0001	<0.002				1.34	1.12	8.79
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000076	0.0012	0.0099	<0.0001	<0.002				1.11	1.05	2.78
BR04-02	HC-31	<0.000005	<0.0002	0.0012	<0.00001	0.000085	0.0011	0.0096	<0.0001	<0.002				1.10	0.99	5.35
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000069	0.0013	0.0166	<0.0001	<0.002				1.02	1.03	-0.73
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000056	0.0013	0.0101	<0.0001	<0.002				1.02	1.02	0.34
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000064	0.0010	0.0075	<0.0001	<0.002				0.87	0.83	2.12
BR04-02	HC-31	0.000005	<0.0002	<0.0005	<0.00001	0.000068	0.0015	0.0083	<0.0001	<0.002				0.95	0.91	1.83
BR04-02	HC-31	0.000010	<0.0002	<0.0005	<0.00001	0.000074	0.0023	0.0093	<0.0001	<0.002				1.09	1.02	3.19
BR04-02	HC-31	0.000011	<0.0002	<0.0005	<0.00001	0.000075	0.0024	0.0091	<0.0001	<0.002				1.15	1.09	2.63
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000075	0.0024	0.0088	<0.0001	<0.002				1.27	1.12	6.30
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000077	0.0030	0.0151	<0.0001	<0.002				1.28	1.22	2.41
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000097	0.0024	0.0085	<0.0001	<0.002				1.18	1.10	3.43
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000079	0.0029	0.0097	<0.0001	<0.002				1.37	1.27	3.91
BR04-02	HC-31	0.000008	<0.0002	<0.0005	<0.00001	0.000099	0.0023	0.0085	<0.0001	<0.002				1.15	1.09	2.55
BR04-02	HC-31	0.000024	<0.0002	<0.0005	0.00001	0.000063	0.0029	0.0194	<0.0001	<0.002				1.24	1.13	4.59
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000077	0.0023	0.0084	<0.0001	<0.002				1.22	1.12	4.23
BR04-02	HC-31	0.000010	<0.0002	<0.0005	<0.00001	0.000073	0.0028	0.0093	<0.0001	<0.002				1.25	1.09	7.23
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000070	0.0024	0.0087	<0.0001	<0.002				1.24	1.11	5.74
BR04-02	HC-31	0.000008	<0.0002	<0.0005	<0.00001	0.000150	0.0025	0.0100	<0.0001	<0.002				1.30	1.19	4.59
BR04-02	HC-31	0.000005	<0.0002	<0.0005	<0.00001	0.000075	0.0023	0.0094	<0.0001	<0.002				1.19	1.20	-0.290
BR04-02	HC-31	0.000005	<0.0002	<0.0005	<0.00001	0.000067	0.0022	0.0077	<0.0001	<0.002				1.22	1.05	7.67
BR04-02	HC-31	0.000006	<0.0002	<0.0005	<0.00001	0.000067	0.0025	0.0081	<0.0001	<0.002				1.22	1.12	4.23
BR04-02	HC-31	0.000008	<0.0002	<0.0005	<0.00001	0.000048	0.0025	0.0100	<0.0001	<0.002				1.24	1.19	1.85
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000056	0.0021	0.0069	<0.0001	<0.002				0.990	0.948	2.17
BR04-02	HC-31															
BR04-02	HC-31	<0.000005	<0.0002	0.0012	<0.00001	0.000049	0.0020	0.0071	<0.0001	0.002				0.995	0.951	2.26
BR04-02	HC-31															
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000083	0.0029	0.0072	<0.0001	0.004				1.03	1.03	0.190
BR04-02	HC-31															
BR04-02	HC-31	0.000012	<0.0002	0.0006	0.00004	0.000065	0.0039	0.0074	<0.0001	<0.002				1.51	1.39	4.06
BR04-02	HC-31															
BR04-02	HC-31	0.000009	<0.0002	<0.0005	<0.00001	0.000063	0.0022	0.0066	<0.0001	<0.002				0.948	0.913	1.88
BR04-02	HC-31															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	51	06-Oct-14	250	210	3.79	173
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	52	13-Oct-14	250	210	3.75	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	53	20-Oct-14	250	210	3.78	176
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	54	27-Oct-14	250	210	3.77	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	55	03-Nov-14	250	210	3.73	201
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	56	10-Nov-14	250	210	3.77	
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	57	17-Nov-14	250	215	3.76	176
BR04-02	HC-31	Locale 2	Iron Formation (ore)	13GRL131	28.20	29.20	6.28	6.25	0.01	10.00	2.13	58	24-Nov-14	250	230	3.78	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	0	14-Oct-13	375	325	9.36	201
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	1	21-Oct-13	250	230	9.23	326
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	2	28-Oct-13	250	220	8.90	280
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	3	04-Nov-13	250	220	9.04	193
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	4	11-Nov-13	250	220	9.19	173
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	5	18-Nov-13	250	220	8.85	140
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	6	25-Nov-13	250	220	9.16	125
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	7	02-Dec-13	250	220	9.00	128
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	8	09-Dec-13	250	220	8.97	116
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	9	16-Dec-13	250	220	8.95	110
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	10	23-Dec-13	250	220	8.94	110
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	11	30-Dec-13	250	220	8.20	106
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	12	06-Jan-14	250	215	8.54	122
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	13	13-Jan-14	250	230	8.58	113
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	14	20-Jan-14	250	215	8.49	126
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	15	27-Jan-14	250	220	7.50	128
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	16	03-Feb-14	250	220	8.32	125
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	17	10-Feb-14	250	230	7.35	140
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	18	17-Feb-14	250	230	7.93	138
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	19	24-Feb-14	250	230	7.53	126
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	20	03-Mar-14	250	230	7.94	124
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	21	10-Mar-14	250	220	7.36	140
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	22	17-Mar-14	250	240	7.38	144
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	23	24-Mar-14	250	225	7.44	123
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	24	31-Mar-14	250	215	7.34	148
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	25	07-Apr-14	250	215	7.36	128
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	26	14-Apr-14	250	220	7.34	133
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	27	21-Apr-14	250	225	7.25	127
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	28	28-Apr-14	250	225	7.38	126
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	29	05-May-14	250	220	7.23	133
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	30	12-May-14	250	220	7.45	121
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	31	19-May-14	250	240	7.44	123
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	32	26-May-14	250	225	7.50	115
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	33	02-Jun-14	250	225	7.48	133
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	34	09-Jun-14	250	215	7.31	126

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-02	HC-31	300	47.2	13.8	50.7				<0.5					8.4	2.91	0.00019	0.152
BR04-02	HC-31																
BR04-02	HC-31	295	45.8	22.4	53.7				<0.5					7.6	2.71	0.00019	0.162
BR04-02	HC-31																
BR04-02	HC-31	340	49.8	12.3	52.5				<0.5					7.0	2.79	0.00018	0.145
BR04-02	HC-31																
BR04-02	HC-31	320	44.0	11.7	45.3				<0.5					6.1	2.41	0.00013	0.130
BR04-02	HC-31																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR05-02	HC-34	105	48.4	<0.5	<0.5	25.2			7.9					16.1	0.0764	0.00006	0.00981
BR05-02	HC-34	120	76.9	<0.5	<0.5	43.4			17.2					9.5	0.164	0.00018	0.119
BR05-02	HC-34	110	77.1	<0.5	<0.5	36.7			3.3					7.2	0.145	0.00015	0.139
BR05-02	HC-34	115	52.7	<0.5	<0.5	31.7	0.07	0.028	1.1					6.5	0.126	0.00012	0.121
BR05-02	HC-34	110	45.0	<0.5	<0.5	31.1			1.3					7.1	0.121	0.00009	0.0875
BR05-02	HC-34	110	38.9	<0.5	<0.5	28.8			0.6					7.3	0.104	0.00007	0.0625
BR05-02	HC-34	125	29.1	<0.5	0.8	25.7			1.0					8.8	0.0911	0.00005	0.0464
BR05-02	HC-34	140	33.6	<0.5	<0.5	22.3	<0.05	<0.01	<0.5					12.4	0.0978	0.00004	0.0348
BR05-02	HC-34	130	29.9	<0.5	<0.5	20.5			<0.5					14.0	0.0949	0.00004	0.0283
BR05-02	HC-34	140	29.1	<0.5	<0.5	22.3			<0.5					18.8	0.0805	0.00003	0.0190
BR05-02	HC-34	120	29.0	<0.5	<0.5	16.1			<0.5					17.8	0.0732	<0.00002	0.0162
BR05-02	HC-34	130	31.8	<0.5	<0.5	17.4	<0.05	<0.01	<0.5					24.5	0.0732	0.00002	0.0123
BR05-02	HC-34	140	38.8	<0.5	<0.5	12.1			<0.5					26.5	0.0587	0.00002	0.00945
BR05-02	HC-34	135	34.5	<0.5	<0.5	14.1			<0.5					26.0	0.0515	0.00002	0.00854
BR05-02	HC-34	135	39.9	<0.5	<0.5	12.2			<0.5					31.7	0.0535	<0.00002	0.00783
BR05-02	HC-34	125	36.8	<0.5	<0.5	12.4	<0.05	<0.01	<0.5					31.6	0.0469	<0.00002	0.00608
BR05-02	HC-34	145	39.1	<0.5	<0.5	12.3			0.7					32.8	0.0397	<0.00002	0.00528
BR05-02	HC-34	125	43.7	<0.5	<0.5	11.9			<0.5					36.5	0.0335	<0.00002	0.00435
BR05-02	HC-34	150	43.4	<0.5	<0.5	11.0			<0.5					39.5	0.0363	<0.00002	0.00386
BR05-02	HC-34	140	41.7	<0.5	<0.5	12.4	<0.05	<0.01	<0.5					35.6	0.0345	<0.00002	0.00379
BR05-02	HC-34	135	42.3	<0.5	<0.5	12.0			<0.5					37.7	0.0681	<0.00002	0.00246
BR05-02	HC-34	150	46.3	<0.5	<0.5	11.8			3.4					45.4	0.0335	<0.00002	0.00339
BR05-02	HC-34	140	46.9	<0.5	<0.5	14.3			<0.5					46.2	0.0257	<0.00002	0.00254
BR05-02	HC-34	140	40.2	<0.5	<0.5	9.6	<0.05	<0.01	0.5					38.5	0.0302	<0.00002	0.00288
BR05-02	HC-34	155	50.2	<0.5	<0.5	9.3			0.7					52.8	0.0304	<0.00002	0.00277
BR05-02	HC-34	145	41.5	<0.5	<0.5	10.1			0.6					41.5	0.0301	<0.00002	0.00276
BR05-02	HC-34	145	46.9	<0.5	<0.5	9.6			0.6					47.8	0.0264	<0.00002	0.00234
BR05-02	HC-34	140	48.5	<0.5	<0.5	10.3	<0.05	<0.01	0.7					45.5	0.0284	<0.00002	0.00227
BR05-02	HC-34	145	41.2	<0.5	<0.5	9.0			<0.5					41.4	0.0265	<0.00002	0.00223
BR05-02	HC-34	145	43.9	<0.5	<0.5	10.3			0.6					45.5	0.0241	<0.00002	0.00187
BR05-02	HC-34	130	36.1	<0.5	<0.5	10.3			<0.5					40.7	0.0256	<0.00002	0.00236
BR05-02	HC-34	135	38.1	<0.5	<0.5	9.4	<0.05	<0.01	<0.5					41.0	0.0243	<0.00002	0.00207
BR05-02	HC-34	135	35.1	<0.5	<0.5	9.5			0.6					39.4	0.0227	<0.00002	0.00190
BR05-02	HC-34	135	42.3	<0.5	1.3	8.5			0.9					49.1	0.0237	<0.00002	0.00193
BR05-02	HC-34	140	38.0	<0.5	<0.5	9.5			0.8					42.4	0.0217	<0.00002	0.00196

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-02	HC-31	0.00048	0.00072	<0.000005	<0.05	0.00068	0.000024	0.53	0.0005	0.00933	0.147	0.00036	11.7	0.000048	0.0014	1.72
BR04-02	HC-31															
BR04-02	HC-31	0.00451	0.00070	<0.000005	<0.05	0.00074	0.000021	0.46	0.0005	0.00947	0.155	0.00056	11.6	0.000067	0.0014	1.57
BR04-02	HC-31															
BR04-02	HC-31	0.00038	0.00084	<0.000005	<0.05	0.00064	0.000021	0.46	0.0005	0.00879	0.146	0.00072	11.9	0.000064	0.0018	1.42
BR04-02	HC-31															
BR04-02	HC-31	0.00042	0.00065	<0.000005	<0.05	0.00061	0.000024	0.41	0.0005	0.00766	0.129	0.00062	10.3	0.000109	0.0011	1.24
BR04-02	HC-31															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR05-02	HC-34	0.00818	<0.00001	<0.000005	<0.05	0.00295	<0.000005	5.49	<0.0001	0.000026	0.00281	<0.00005	0.049	0.000091	<0.0005	0.58
BR05-02	HC-34	0.00461	<0.00001	<0.000005	<0.05	0.00504	<0.000005	2.90	<0.0001	0.000023	0.00313	<0.00005	0.173	0.000074	0.0012	0.54
BR05-02	HC-34	0.00280	<0.00001	<0.000005	<0.05	0.00418	<0.000005	2.21	<0.0001	0.000021	0.00315	<0.00005	0.075	0.000080	0.0006	0.41
BR05-02	HC-34	0.00198	<0.00001	<0.000005	<0.05	0.00351	<0.000005	1.97	<0.0001	0.000017	0.00250	<0.00005	0.050	0.000046	<0.0005	0.38
BR05-02	HC-34	0.00180	<0.00001	<0.000005	<0.05	0.00342	<0.000005	2.10	<0.0001	0.000020	0.00212	<0.00005	0.053	0.000054	<0.0005	0.45
BR05-02	HC-34	0.00158	<0.00001	<0.000005	<0.05	0.00273	<0.000005	2.17	<0.0001	0.000017	0.00117	<0.00005	0.030	0.000034	0.0006	0.46
BR05-02	HC-34	0.00195	<0.00001	<0.000005	<0.05	0.00267	<0.000005	2.54	<0.0001	0.000010	0.00087	<0.00005	0.025	0.000023	<0.0005	0.60
BR05-02	HC-34	0.00237	<0.00001	<0.000005	<0.05	0.00260	<0.000005	3.55	<0.0001	0.000013	0.00116	<0.00005	0.030	0.000029	<0.0005	0.87
BR05-02	HC-34	0.00269	<0.00001	<0.000005	<0.05	0.00248	<0.000005	3.91	<0.0001	0.000012	0.00086	<0.00005	0.027	0.000023	0.0007	1.03
BR05-02	HC-34	0.00321	<0.00001	<0.000005	<0.05	0.00221	<0.000005	5.55	<0.0001	0.000010	0.00068	<0.00005	0.013	0.000017	0.0006	1.20
BR05-02	HC-34	0.00299	<0.00001	<0.000005	<0.05	0.00220	<0.000005	4.85	<0.0001	0.000011	0.00070	<0.00005	0.013	0.000013	0.0006	1.38
BR05-02	HC-34	0.00379	<0.00001	<0.000005	<0.05	0.00198	<0.000005	7.25	<0.0001	<0.000005	0.00051	<0.00005	0.008	0.000005	0.0008	1.54
BR05-02	HC-34	0.00380	<0.00001	<0.000005	<0.05	0.00196	<0.000005	7.84	<0.0001	0.000007	0.00046	<0.00005	0.008	0.000008	0.0007	1.69
BR05-02	HC-34	0.00380	<0.00001	<0.000005	<0.05	0.00176	<0.000005	7.88	<0.0001	0.000009	0.00037	<0.00005	0.006	<0.000005	0.0007	1.55
BR05-02	HC-34	0.00409	<0.00001	<0.000005	<0.05	0.00176	<0.000005	9.86	<0.0001	0.000009	0.00056	<0.00005	0.004	0.000005	0.0006	1.73
BR05-02	HC-34	0.00430	<0.00001	<0.000005	<0.05	0.00170	<0.000005	10.0	<0.0001	0.000012	0.00036	<0.00005	0.003	<0.000005	0.0007	1.58
BR05-02	HC-34	0.00437	<0.00001	<0.000005	<0.05	0.00163	<0.000005	10.4	<0.0001	0.000012	0.00040	<0.00005	0.003	<0.000005	0.0007	1.66
BR05-02	HC-34	0.00486	<0.00001	<0.000005	<0.05	0.00175	<0.000005	12.1	<0.0001	0.000013	0.00048	<0.00005	0.001	<0.000005	<0.0005	1.52
BR05-02	HC-34	0.00506	<0.00001	<0.000005	<0.05	0.00183	<0.000005	13.2	<0.0001	0.000013	0.00037	<0.00005	0.002	<0.000005	0.0007	1.58
BR05-02	HC-34	0.00429	<0.00001	<0.000005	<0.05	0.00169	<0.000005	11.7	<0.0001	0.000011	0.00035	<0.00005	<0.001	<0.000005	0.0006	1.52
BR05-02	HC-34	0.00443	<0.00001	<0.000005	<0.05	0.00156	<0.000005	12.8	<0.0001	0.000016	0.00057	<0.00005	0.211	0.000025	0.0007	1.40
BR05-02	HC-34	0.0155	<0.00001	<0.000005	<0.05	0.00165	<0.000005	15.7	<0.0001	0.000010	0.00040	<0.00005	0.001	<0.000005	0.0008	1.48
BR05-02	HC-34	0.00664	<0.00001	<0.000005	<0.05	0.00178	<0.000005	15.9	<0.0001	0.000014	0.00038	<0.00005	<0.001	<0.000005	0.0007	1.58
BR05-02	HC-34	0.00444	<0.00001	<0.000005	<0.05	0.00128	<0.000005	13.2	<0.0001	0.000017	0.00036	<0.00005	0.002	<0.000005	0.0006	1.33
BR05-02	HC-34	0.00494	<0.00001	<0.000005	<0.05	0.00133	<0.000005	18.4	0.0001	0.000009	0.00045	<0.00005	0.003	<0.000005	0.0005	1.63
BR05-02	HC-34	0.00490	<0.00001	<0.000005	<0.05	0.00123	<0.000005	14.2	<0.0001	0.000012	0.00036	<0.00005	<0.001	<0.000005	0.0006	1.45
BR05-02	HC-34	0.00427	<0.00001	<0.000005	<0.05	0.00115	<0.000005	16.5	<0.0001	0.000010	0.00055	<0.00005	0.002	<0.000005	<0.0005	1.56
BR05-02	HC-34	0.00400	<0.00001	<0.000005	<0.05	0.00117	<0.000005	15.8	<0.0001	0.000012	0.00045	<0.00005	0.001	0.000008	<0.0005	1.48
BR05-02	HC-34	0.00359	<0.00001	<0.000005	<0.05	0.00118	<0.000005	14.3	<0.0001	0.000010	0.00033	<0.00005	0.002	<0.000005	0.0005	1.41
BR05-02	HC-34	0.00431	<0.00001	<0.000005	<0.05	0.00113	<0.000005	15.7	<0.0001	0.000013	0.00044	<0.00005	<0.001	<0.000005	0.0005	1.52
BR05-02	HC-34	0.00299	<0.00001	<0.000005	<0.05	0.00109	<0.000005	14.1	<0.0001	0.000010	0.00039	<0.00005	0.005	0.000008	<0.0005	1.35
BR05-02	HC-34	0.00307	<0.00001	<0.000005	<0.05	0.00104	<0.000005	14.0	<0.0001	0.000012	0.00056	<0.00005	0.002	0.000007	0.0006	1.46
BR05-02	HC-34	0.00277	<0.00001	<0.000005	<0.05	0.00097	<0.000005	13.6	<0.0001	0.000011	0.00030	<0.00005	0.001	<0.000005	0.0005	1.30
BR05-02	HC-34	0.00319	<0.00001	<0.000005	<0.05	0.00102	<0.000005	17.2	<0.0001	0.000012	0.00035	<0.00005	0.001	<0.000005	<0.0005	1.48
BR05-02	HC-34	0.00300	<0.00001	<0.000005	<0.05	0.00092	<0.000005	14.6	<0.0001	0.000012	0.00054	<0.00005	0.002	<0.000005	<0.0005	1.43

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-02	HC-31	0.0441	<0.00001	0.004	<0.00005	0.00806	0.07	0.00062	0.00099	1.1	<0.000005	<0.05	0.00159	17	0.00004	0.000028
BR04-02	HC-31															
BR04-02	HC-31	0.0430	0.00002	<0.002	<0.00005	0.00827	0.07	0.00067	0.00095	0.9	<0.000005	<0.05	0.00160	15	0.00004	0.000033
BR04-02	HC-31															
BR04-02	HC-31	0.0427	0.00002	0.002	<0.00005	0.00775	<0.05	0.00063	0.00098	1.0	<0.000005	<0.05	0.00141	17	0.00006	0.000028
BR04-02	HC-31															
BR04-02	HC-31	0.0360	<0.00001	<0.002	<0.00005	0.00717	<0.05	0.00051	0.00072	0.9	<0.000005	<0.05	0.00113	14	0.00002	0.000022
BR04-02	HC-31															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR05-02	HC-34	0.00144	<0.00001	0.008	0.00061	0.00030	3.35	0.00811	0.00019	0.4	0.000007	31.8	0.0350	24	<0.00002	0.000006
BR05-02	HC-34	0.00155	<0.00001	0.005	0.00207	0.00025	5.84	0.0137	0.00034	0.6	0.000008	64.2	0.0207	46	<0.00002	0.000003
BR05-02	HC-34	0.00104	0.00002	0.004	0.00174	0.00019	4.57	0.0110	0.00022	0.6	<0.000005	48.9	0.0150	31	<0.00002	0.000002
BR05-02	HC-34	0.00114	0.00001	0.004	0.00097	0.00011	4.10	0.00942	0.00013	0.5	<0.000005	36.2	0.0151	20	<0.00002	<0.000002
BR05-02	HC-34	0.00131	<0.00001	0.007	0.00056	0.00054	3.87	0.00941	0.00012	0.6	<0.000005	30.1	0.0154	17	<0.00002	<0.000002
BR05-02	HC-34	0.00130	<0.00001	0.016	0.00039	0.00031	3.19	0.00790	0.00006	0.4	<0.000005	22.8	0.0157	11	<0.00002	<0.000002
BR05-02	HC-34	0.00150	<0.00001	0.014	0.00028	0.00011	3.00	0.00717	0.00006	0.4	<0.000005	19.6	0.0181	10	<0.00002	<0.000002
BR05-02	HC-34	0.00145	<0.00001	0.011	0.00015	0.00009	2.88	0.00725	0.00004	0.5	<0.000005	18.1	0.0245	11	<0.00002	<0.000002
BR05-02	HC-34	0.00190	<0.00001	0.011	0.00019	0.00004	2.84	0.00667	<0.00004	0.5	<0.000005	16.0	0.0261	10	<0.00002	<0.000002
BR05-02	HC-34	0.00371	<0.00001	0.012	0.00011	0.00016	2.52	0.00641	<0.00004	0.4	<0.000005	13.4	0.0313	10	<0.00002	0.000002
BR05-02	HC-34	0.00224	0.00001	0.018	0.00011	0.00020	2.68	0.00627	<0.00004	0.4	<0.000005	12.6	0.0335	10	<0.00002	0.000002
BR05-02	HC-34	0.00344	<0.00001	0.009	0.00010	0.00022	2.56	0.00581	<0.00004	0.4	<0.000005	11.2	0.0405	11	<0.00002	0.000004
BR05-02	HC-34	0.00290	<0.00001	0.013	0.00008	0.00023	2.46	0.00572	<0.00004	0.4	<0.000005	10.5	0.0470	14	<0.00002	<0.000002
BR05-02	HC-34	0.00278	<0.00001	0.029	0.00009	0.00017	2.27	0.00531	<0.00004	0.4	<0.000005	9.29	0.0493	11	<0.00002	<0.000002
BR05-02	HC-34	0.00304	<0.00001	0.009	0.00009	0.00014	2.26	0.00531	<0.00004	0.4	<0.000005	8.73	0.0580	13	<0.00002	<0.000002
BR05-02	HC-34	0.00401	<0.00001	0.004	0.00009	0.00020	2.25	0.00517	<0.00004	0.4	<0.000005	7.81	0.0549	12	<0.00002	<0.000002
BR05-02	HC-34	0.00420	<0.00001	0.006	0.00009	0.00010	2.29	0.00520	<0.00004	0.3	<0.000005	7.53	0.0562	13	<0.00002	0.000002
BR05-02	HC-34	0.00521	<0.00001	0.007	0.00009	0.00015	2.21	0.00555	<0.00004	0.3	<0.000005	7.24	0.0623	14	<0.00002	0.000002
BR05-02	HC-34	0.00534	<0.00001	0.010	0.00006	0.00010	2.39	0.00568	<0.00004	0.4	<0.000005	6.51	0.0641	16	<0.00002	<0.000002
BR05-02	HC-34	0.00509	<0.00001	0.004	0.00008	0.00008	2.27	0.00552	<0.00004	0.3	<0.000005	6.21	0.0583	14	<0.00002	<0.000002
BR05-02	HC-34	0.00595	<0.00001	0.007	0.00015	0.00040	1.95	0.00453	<0.00004	0.3	<0.000005	5.09	0.0620	12	<0.00002	0.000010
BR05-02	HC-34	0.00600	<0.00001	0.006	0.00008	0.00016	2.16	0.00537	<0.00004	0.3	<0.000005	5.34	0.0684	15	<0.00002	<0.000002
BR05-02	HC-34	0.00750	<0.00001	0.005	0.00009	0.00011	2.32	0.00575	<0.00004	0.3	<0.000005	5.80	0.0684	17	<0.00002	<0.000002
BR05-02	HC-34	0.00548	<0.00001	0.007	0.00006	0.00009	1.68	0.00417	<0.00004	0.3	<0.000005	4.32	0.0552	13	<0.00002	<0.000002
BR05-02	HC-34	0.00579	<0.00001	0.003	0.00010	0.00009	1.83	0.00450	<0.00004	0.3	<0.000005	4.60	0.0696	17	<0.00002	<0.000002
BR05-02	HC-34	0.00587	<0.00001	<0.002	0.00009	0.00007	1.69	0.00412	<0.00004	0.3	<0.000005	4.18	0.0538	14	<0.00002	<0.000002
BR05-02	HC-34	0.00660	<0.00001	0.005	0.00007	0.00007	1.76	0.00408	<0.00004	0.3	<0.000005	4.17	0.0555	15	<0.00002	<0.000002
BR05-02	HC-34	0.00639	<0.00001	0.006	0.00007	0.00012	1.75	0.00407	<0.00004	0.3	<0.000005	3.92	0.0532	15	<0.00002	<0.000002
BR05-02	HC-34	0.00647	<0.00001	0.002	0.00010	0.00011	1.55	0.00407	<0.00004	0.3	<0.000005	3.45	0.0509	14	<0.00002	<0.000002
BR05-02	HC-34	0.00931	<0.00001	<0.002	0.00010	0.00013	1.48	0.00375	<0.00004	0.2	<0.000005	3.32	0.0558	16	<0.00002	<0.000002
BR05-02	HC-34	0.00631	<0.00001	<0.002	0.00008	0.00017	1.43	0.00379	<0.00004	0.3	<0.000005	3.36	0.0459	13	<0.00002	<0.000002
BR05-02	HC-34	0.00667	<0.00001	0.005	0.00007	0.00023	1.45	0.00371	<0.00004	0.2	<0.000005	3.29	0.0445	14	<0.00002	<0.000002
BR05-02	HC-34	0.00710	<0.00001	0.004	0.00008	0.00013	1.36	0.00348	<0.00004	0.3	<0.000005	3.10	0.0412	12	<0.00002	<0.000002
BR05-02	HC-34	0.00728	0.00001	0.004	0.00010	0.00021	1.47	0.00365	<0.00004	0.3	<0.000005	2.90	0.0489	14	<0.00002	<0.000002
BR05-02	HC-34	0.00600	<0.00001	0.005	0.00009	0.00012	1.26	0.00351	0.00005	0.2	<0.000005	2.84	0.0457	12	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-02	HC-31	0.000007	<0.0002	0.0009	0.00011	0.000072	0.0019	0.0059	<0.0001	<0.002				0.983	0.921	3.26
BR04-02	HC-31															
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	0.00018	0.000085	0.0019	0.0058	<0.0001	<0.002				0.954	0.878	4.15
BR04-02	HC-31															
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000112	0.0018	0.0061	<0.0001	<0.002				1.04	0.880	8.33
BR04-02	HC-31															
BR04-02	HC-31	<0.000005	<0.0002	<0.0005	<0.00001	0.000075	0.0014	0.0050	<0.0001	0.006				0.916	0.764	9.05
BR04-02	HC-31															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00072	0.000076	<0.0002	0.0006	<0.0001	0.002				1.74	1.80	-1.81
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00072	0.000547	0.0003	0.0004	<0.0001	<0.002				2.96	3.16	-3.27
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00053	0.000560	0.0003	0.0002	<0.0001	<0.002				2.43	2.41	0.56
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00040	0.000440	0.0003	0.0003	<0.0001	<0.002				1.77	1.82	-1.56
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00027	0.000384	0.0003	0.0009	<0.0001	<0.002				1.60	1.56	1.01
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00022	0.000266	<0.0002	0.0005	<0.0001	<0.002				1.40	1.23	6.53
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00017	0.000223	<0.0002	0.0001	<0.0001	<0.002				1.15	1.12	1.41
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00014	0.000153	<0.0002	0.0002	<0.0001	<0.002				1.15	1.12	1.10
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00011	0.000140	<0.0002	0.0002	<0.0001	<0.002				1.03	1.06	-1.34
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00009	0.000107	<0.0002	0.0002	<0.0001	<0.002				1.05	1.03	0.91
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00009	0.000107	<0.0002	0.0015	<0.0001	<0.002				0.93	0.98	-2.84
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00007	0.000096	<0.0002	0.0003	<0.0001	<0.002				1.01	1.05	-1.89
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00006	0.000084	<0.0002	0.0002	<0.0001	<0.002				1.05	1.06	-0.38
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00006	0.000089	<0.0002	0.0003	<0.0001	<0.002				1.00	0.99	0.60
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00005	0.000085	<0.0002	<0.0001	<0.0001	<0.002				1.08	1.08	-0.09
BR05-02	HC-34	<0.000005	<0.0002	0.0006	0.00003	0.000081	<0.0002	0.0001	<0.0001	<0.002				1.02	1.03	-0.88
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000101	<0.0002	0.0002	<0.0001	0.002				1.08	1.05	1.51
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000098	<0.0002	0.0002	<0.0001	<0.002				1.15	1.10	2.04
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000111	<0.0002	<0.0001	<0.0001	0.003				1.12	1.14	-0.62
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000102	<0.0002	0.0001	<0.0001	<0.002				1.12	1.04	3.42
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000053	<0.0002	0.0003	<0.0001	<0.002				1.12	1.04	3.70
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000095	<0.0002	0.0019	<0.0001	<0.002				1.30	1.20	4.04
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000115	<0.0002	0.0001	<0.0001	<0.002				1.26	1.24	1.00
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00001	0.000062	<0.0002	0.0002	<0.0001	0.006				1.05	1.00	2.10
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000059	<0.0002	0.0006	<0.0001	<0.002				1.25	1.31	-2.03
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000053	<0.0002	0.0001	<0.0001	<0.002				1.08	1.06	1.12
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000056	<0.0002	0.0001	<0.0001	<0.002				1.19	1.18	0.08
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000049	<0.0002	0.0002	<0.0001	<0.002				1.24	1.13	4.57
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000042	<0.0002	<0.0001	<0.0001	<0.002				1.04	1.02	0.83
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000036	<0.0002	0.0001	<0.0001	<0.002				1.14	1.09	1.93
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000044	<0.0002	0.0002	<0.0001	<0.002				0.96	1.00	-2.09
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000046	<0.0002	0.0002	<0.0001	<0.002				0.98	1.00	-1.01
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000036	<0.0002	0.0002	<0.0001	<0.002				0.94	0.96	-1.27
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000038	<0.0002	0.0001	<0.0001	<0.002				1.08	1.15	-3.19
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000032	<0.0002	0.0006	<0.0001	<0.002				1.00	1.01	-0.15

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	35	16-Jun-14	250	215	7.40	123
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	36	23-Jun-14	250	215	7.52	132
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	37	30-Jun-14	250	215	7.63	113
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	38	07-Jul-14	250	215	7.55	112
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	39	14-Jul-14	250	210	7.60	106
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	40	21-Jul-14	250	215	7.72	125
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	41	28-Jul-14	500	270	7.52	113
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	42	04-Aug-14	250	215	7.79	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	43	11-Aug-14	250	230	7.36	105
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	44	18-Aug-14	250	220	7.59	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	45	25-Aug-14	250	220	7.53	120
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	46	01-Sep-14	250	230	7.55	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	47	08-Sep-14	250	215	7.47	154
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	48	15-Sep-14	250	230	7.53	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	49	22-Sep-14	250	225	7.40	129
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	50	29-Sep-14	250	220	7.68	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	51	06-Oct-14	250	215	7.37	133
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	52	13-Oct-14	250	215	7.61	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	53	20-Oct-14	250	215	7.35	121
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	54	27-Oct-14	250	220	7.62	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	55	03-Nov-14	250	215	7.45	130
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	56	10-Nov-14	250	220	7.62	
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	57	17-Nov-14	250	215	7.24	125
BR05-02	HC-34	Locale 1	Iron Formation (ore)	12GRL085	62.71	63.50	1.31	1.24	0.64	52.50	3.79	58	24-Nov-14	250	215	7.65	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	0	14-Oct-13	375	330	10.1	330
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	1	21-Oct-13	250	220	9.91	777
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	2	28-Oct-13	250	215	9.82	656
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	3	04-Nov-13	250	225	9.81	619
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	4	11-Nov-13	250	215	9.66	456
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	5	18-Nov-13	250	220	9.60	431
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	6	25-Nov-13	250	220	9.52	370
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	7	02-Dec-13	250	215	9.45	311
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	8	09-Dec-13	250	220	9.53	348
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	9	16-Dec-13	250	215	9.57	253
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	10	23-Dec-13	250	215	9.54	253
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	11	30-Dec-13	250	220	9.17	244
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	12	06-Jan-14	250	215	9.16	270
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	13	13-Jan-14	250	220	9.21	254
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	14	20-Jan-14	250	220	9.09	245
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	15	27-Jan-14	250	220	8.80	229
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	16	03-Feb-14	250	220	8.81	227
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	17	10-Feb-14	250	225	8.14	213
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	18	17-Feb-14	250	225	8.51	220

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR05-02	HC-34	140	39.1	<0.5	<0.5	9.8	<0.05	<0.01	0.7					44.4	0.0220	<0.00002	0.00191
BR05-02	HC-34	145	40.2	<0.5	0.7	10.9			0.9					48.4	0.0213	<0.00002	0.00204
BR05-02	HC-34	150	31.4	<0.5	<0.5	12.1			1.8					42.3	0.0223	<0.00002	0.00199
BR05-02	HC-34	140	35.0	<0.5	0.5	12.2			2.1					39.6	0.0221	<0.00002	0.00207
BR05-02	HC-34	130	31.8	<0.5	<0.5	10.2	<0.05	<0.01	0.6					37.6	0.0235	<0.00002	0.00219
BR05-02	HC-34	145	37.1	<0.5	<0.5	11.2			<0.5					49.8	0.0219	<0.00002	0.00201
BR05-02	HC-34	140	32.1	<0.5	0.7	11.6			<0.5					38.9	0.0194	<0.00002	0.00173
BR05-02	HC-34																
BR05-02	HC-34	140	28.9	<0.5	<0.5	11.6			<0.5					38.6	0.0169	<0.00002	0.00150
BR05-02	HC-34																
BR05-02	HC-34	125	30.4	<0.5	<0.5	9.2			<0.5					39.6	0.0162	<0.00002	0.00152
BR05-02	HC-34																
BR05-02	HC-34	150	48.3	<0.5	<0.5	10.0			1.0					54.7	0.0165	<0.00002	0.00156
BR05-02	HC-34																
BR05-02	HC-34	150	38.0	<0.5	<0.5	10.6			0.5					47.9	0.0209	<0.00002	0.00148
BR05-02	HC-34																
BR05-02	HC-34	150	39.7	<0.5	0.8	10.4			0.6					51.4	0.0117	<0.00002	0.00116
BR05-02	HC-34																
BR05-02	HC-34	140	39.0	<0.5	<0.5	10.5			<0.5					45.6	0.0138	<0.00002	0.00196
BR05-02	HC-34																
BR05-02	HC-34	155	40.1	<0.5	0.5	9.5			1.2					49.9	0.0127	<0.00002	0.00132
BR05-02	HC-34																
BR05-02	HC-34	150	36.8	<0.5	<0.5	9.5			<0.5					43.0	0.0101	<0.00002	0.00109
BR05-02	HC-34																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-04	HC-37	65.0	125.7	<0.5	<0.5	53.4			34.6					5.5	0.115	0.00006	0.00328
BR06-04	HC-37	50.0	218.0	<0.5	<0.5	219.4			83.4					2.6	0.150	0.00016	0.01960
BR06-04	HC-37	50.0	146.0	<0.5	<0.5	177.4			77.1					2.2	0.152	0.00009	0.00969
BR06-04	HC-37	70.0	169.6	<0.5	<0.5	181.4	<0.05	0.057	82.7					2.1	0.128	0.00010	0.00781
BR06-04	HC-37	70.0	79.0	<0.5	<0.5	129.0			70.9					1.9	0.113	0.00007	0.00448
BR06-04	HC-37	70.0	19.9	<0.5	<0.5	124.1			60.9					2.0	0.101	0.00007	0.00336
BR06-04	HC-37	70.0	27.7	<0.5	<0.5	110.1			44.8					2.3	0.0803	0.00005	0.00342
BR06-04	HC-37	100	21.2	<0.5	<0.5	75.9	<0.05	<0.01	42.0					2.3	0.0868	0.00003	0.00169
BR06-04	HC-37	80.0	26.9	<0.5	<0.5	68.7			43.8					2.4	0.0784	0.00003	0.00345
BR06-04	HC-37	90.0	26.9	<0.5	<0.5	60.2			36.0					3.7	0.0841	0.00003	0.00170
BR06-04	HC-37	70.0	30.0	<0.5	<0.5	46.4			37.7					3.1	0.0762	<0.00002	0.00079
BR06-04	HC-37	105	61.0	<0.5	<0.5	35.5	<0.05	<0.01	18.0					5.6	0.0525	<0.00002	0.00111
BR06-04	HC-37	100	82.7	<0.5	<0.5	32.3			7.9					7.9	0.0461	<0.00002	0.00077
BR06-04	HC-37	110	83.0	<0.5	<0.5	28.7			2.8					9.2	0.0364	<0.00002	0.00082
BR06-04	HC-37	120	78.3	<0.5	<0.5	25.7			1.7					13.0	0.0412	<0.00002	0.00104
BR06-04	HC-37	105	76.7	<0.5	<0.5	24.7	<0.05	<0.01	0.7					13.3	0.0311	<0.00002	0.00056
BR06-04	HC-37	120	77.2	<0.5	<0.5	26.3			0.7					15.5	0.0277	<0.00002	0.00049
BR06-04	HC-37	115	76.3	<0.5	0.7	21.7			0.7					18.0	0.0208	<0.00002	0.00055
BR06-04	HC-37	130	73.9	<0.5	<0.5	21.4			0.5					20.9	0.0201	<0.00002	0.00113

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR05-02	HC-34	0.00303	<0.00001	<0.000005	<0.05	0.00086	<0.000005	15.5	<0.0001	0.000025	0.00048	<0.00005	0.022	<0.000005	<0.0005	1.38
BR05-02	HC-34	0.00336	<0.00001	<0.000005	<0.05	0.00097	<0.000005	17.0	<0.0001	0.000013	0.00054	<0.00005	<0.001	<0.000005	<0.0005	1.47
BR05-02	HC-34	0.00306	<0.00001	<0.000005	<0.05	0.00098	<0.000005	14.7	<0.0001	0.000022	0.00063	<0.00005	0.002	<0.000005	<0.0005	1.39
BR05-02	HC-34	0.00294	<0.00001	<0.000005	<0.05	0.00098	<0.000005	13.8	0.0001	0.000008	0.00049	<0.00005	0.002	<0.000005	<0.0005	1.27
BR05-02	HC-34	0.00293	<0.00001	<0.000005	<0.05	0.00091	<0.000005	13.0	<0.0001	0.000006	0.00035	<0.00005	<0.001	<0.000005	<0.0005	1.23
BR05-02	HC-34	0.00335	<0.00001	<0.000005	<0.05	0.00091	<0.000005	17.8	<0.0001	0.000010	0.00036	<0.00005	0.009	0.000009	<0.0005	1.28
BR05-02	HC-34	0.00371	<0.00001	<0.000005	<0.05	0.00088	<0.000005	13.5	<0.0001	0.000010	0.00031	<0.00005	0.002	0.000009	<0.0005	1.25
BR05-02	HC-34															
BR05-02	HC-34	0.00355	<0.00001	<0.000005	<0.05	0.00096	<0.000005	13.5	<0.0001	0.000012	0.00034	<0.00005	<0.001	0.000012	<0.0005	1.21
BR05-02	HC-34															
BR05-02	HC-34	0.00286	<0.00001	<0.000005	<0.05	0.00085	<0.000005	13.7	<0.0001	0.000011	0.00028	<0.00005	<0.001	<0.000005	<0.0005	1.32
BR05-02	HC-34															
BR05-02	HC-34	0.00330	<0.00001	0.000013	<0.05	0.00096	<0.000005	18.6	<0.0001	0.000014	0.00074	<0.00005	0.004	0.000010	<0.0005	1.99
BR05-02	HC-34															
BR05-02	HC-34	0.00279	<0.00001	<0.000005	<0.05	0.00072	<0.000005	17.0	<0.0001	0.000009	0.00027	<0.00005	0.002	<0.000005	<0.0005	1.33
BR05-02	HC-34															
BR05-02	HC-34	0.00312	<0.00001	<0.000005	<0.05	0.00080	<0.000005	18.0	<0.0001	0.000011	0.00023	<0.00005	<0.001	<0.000005	<0.0005	1.56
BR05-02	HC-34															
BR05-02	HC-34	0.00363	<0.00001	<0.000005	<0.05	0.00069	<0.000005	16.1	<0.0001	0.000009	0.00025	<0.00005	0.002	<0.000005	<0.0005	1.29
BR05-02	HC-34															
BR05-02	HC-34	0.00231	<0.00001	<0.000005	<0.05	0.00072	<0.000005	17.8	<0.0001	0.000014	0.00022	<0.00005	<0.001	<0.000005	0.0020	1.32
BR05-02	HC-34															
BR05-02	HC-34	0.00233	<0.00001	<0.000005	<0.05	0.00059	<0.000005	15.3	<0.0001	0.000014	0.00025	<0.00005	0.001	<0.000005	<0.0005	1.15
BR05-02	HC-34															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-04	HC-37	0.00355	<0.00001	<0.000005	<0.05	0.00048	<0.000005	1.88	<0.0001	0.000019	0.00157	<0.00005	0.113	0.000071	<0.0005	0.19
BR06-04	HC-37	0.00173	<0.00001	0.000008	<0.05	0.00132	0.000005	0.76	0.0001	0.000032	0.00755	<0.00005	0.152	0.000055	0.0015	0.17
BR06-04	HC-37	0.00111	<0.00001	0.000011	<0.05	0.00116	<0.000005	0.64	<0.0001	0.000026	0.00642	<0.00005	0.171	0.000061	0.0012	0.14
BR06-04	HC-37	0.00082	<0.00001	0.000011	<0.05	0.00115	<0.000005	0.59	<0.0001	0.000028	0.00363	<0.00005	0.137	0.000045	0.0006	0.14
BR06-04	HC-37	0.00056	<0.00001	0.000008	<0.05	0.00090	<0.000005	0.55	<0.0001	0.000017	0.00263	<0.00005	0.101	0.000040	0.0006	0.13
BR06-04	HC-37	0.00058	<0.00001	0.000005	<0.05	0.00084	<0.000005	0.59	<0.0001	0.000017	0.00150	<0.00005	0.067	0.000027	0.0007	0.14
BR06-04	HC-37	0.00054	<0.00001	<0.000005	<0.05	0.00076	<0.000005	0.60	<0.0001	0.000015	0.00089	<0.00005	0.029	0.000012	0.0005	0.20
BR06-04	HC-37	0.00064	<0.00001	<0.000005	<0.05	0.00070	<0.000005	0.60	<0.0001	0.000007	0.00160	<0.00005	0.072	0.000025	<0.0005	0.18
BR06-04	HC-37	0.00053	<0.00001	<0.000005	<0.05	0.00073	<0.000005	0.57	<0.0001	0.000015	0.00143	<0.00005	0.029	0.000013	0.0006	0.23
BR06-04	HC-37	0.00080	<0.00001	<0.000005	<0.05	0.00067	<0.000005	0.98	<0.0001	0.000011	0.00121	<0.00005	0.049	0.000019	0.0007	0.32
BR06-04	HC-37	0.00058	<0.00001	<0.000005	<0.05	0.00064	<0.000005	0.71	<0.0001	0.000008	0.00208	<0.00005	0.054	0.000020	0.0005	0.33
BR06-04	HC-37	0.00099	<0.00001	<0.000005	<0.05	0.00062	<0.000005	1.25	<0.0001	0.000005	0.00098	<0.00005	0.028	0.000007	0.0007	0.62
BR06-04	HC-37	0.00109	<0.00001	<0.000005	<0.05	0.00064	<0.000005	1.60	<0.0001	0.000011	0.00054	<0.00005	0.029	0.000009	0.0007	0.94
BR06-04	HC-37	0.00129	<0.00001	<0.000005	<0.05	0.00061	<0.000005	1.69	<0.0001	0.000014	0.00035	<0.00005	0.023	0.000009	0.0008	1.20
BR06-04	HC-37	0.00175	<0.00001	<0.000005	<0.05	0.00058	<0.000005	2.48	<0.0001	0.000014	0.00020	<0.00005	0.036	0.000010	0.0008	1.65
BR06-04	HC-37	0.00173	<0.00001	<0.000005	<0.05	0.00054	<0.000005	2.39	<0.0001	0.000010	0.00013	<0.00005	0.027	0.000007	0.0007	1.77
BR06-04	HC-37	0.00190	<0.00001	<0.000005	<0.05	0.00052	<0.000005	2.59	<0.0001	0.000010	0.00015	<0.00005	0.014	0.000005	0.0007	2.19
BR06-04	HC-37	0.00246	<0.00001	<0.000005	<0.05	0.00051	<0.000005	3.26	<0.0001	0.000013	0.00020	<0.00005	0.010	0.000016	0.0006	2.40
BR06-04	HC-37	0.00282	<0.00001	<0.000005	<0.05	0.00053	<0.000005	3.82	<0.0001	0.000010	0.00015	<0.00005	0.006	<0.000005	0.0007	2.75

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR05-02	HC-34	0.00577	<0.00001	0.003	0.00007	0.00013	1.34	0.00327	<0.00004	0.3	<0.000005	2.71	0.0464	12	<0.00002	<0.000002
BR05-02	HC-34	0.00723	<0.00001	0.006	0.00009	0.00028	1.48	0.00347	0.00004	0.3	<0.000005	2.77	0.0488	16	<0.00002	<0.000002
BR05-02	HC-34	0.00676	<0.00001	0.007	0.00010	0.00017	1.62	0.00393	0.00006	0.3	<0.000005	3.04	0.0430	13	<0.00002	0.000002
BR05-02	HC-34	0.00684	<0.00001	0.005	0.00011	0.00015	1.67	0.00372	0.00008	0.3	<0.000005	2.95	0.0394	12	<0.00002	0.000003
BR05-02	HC-34	0.00643	<0.00001	0.005	0.00009	0.00010	1.45	0.00342	<0.00004	0.3	<0.000005	2.81	0.0387	11	<0.00002	<0.000002
BR05-02	HC-34	0.00683	<0.00001	0.005	0.00009	0.00019	1.41	0.00345	0.00005	0.3	<0.000005	2.67	0.0451	14	<0.00002	<0.000002
BR05-02	HC-34	0.00684	<0.00001	0.005	0.00008	0.00015	1.39	0.00346	<0.00004	0.3	<0.000005	2.53	0.0392	11	<0.00002	0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00721	<0.00001	0.002	0.00007	0.00008	1.58	0.00384	<0.00004	0.3	<0.000005	2.64	0.0391	11	<0.00002	<0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00724	<0.00001	<0.002	0.00006	0.00013	1.32	0.00332	<0.00004	0.2	<0.000005	2.34	0.0399	12	<0.00002	<0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00793	<0.00001	0.003	0.00009	0.00013	1.76	0.00402	0.00005	0.3	<0.000005	2.67	0.0467	17	<0.00002	<0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00701	<0.00001	<0.002	<0.00005	0.00007	1.28	0.00292	<0.00004	0.3	<0.000005	2.06	0.0396	13	<0.00002	0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00921	<0.00001	<0.002	0.00006	0.00040	1.30	0.00324	<0.00004	0.3	<0.000005	2.03	0.0433	15	<0.00002	<0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00714	<0.00001	0.002	<0.00005	0.00017	1.14	0.00293	<0.00004	0.2	0.000005	1.88	0.0399	13	<0.00002	<0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00725	0.00001	0.006	0.00005	0.00008	1.07	0.00315	<0.00004	0.3	<0.000005	1.76	0.0405	14	<0.00002	<0.000002
BR05-02	HC-34															
BR05-02	HC-34	0.00728	<0.00001	0.004	<0.00005	0.00005	1.05	0.00270	0.00004	0.2	<0.000005	1.36	0.0332	11	<0.00002	0.000004
BR05-02	HC-34															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-04	HC-37	0.00057	<0.00001	0.016	0.00070	0.00033	1.45	0.00096	0.00023	1.2	0.000005	63.4	0.0604	38	0.00019	0.000003
BR06-04	HC-37	0.00077	<0.00001	0.011	0.00284	0.00027	3.82	0.00248	0.00050	1.1	0.000014	179	0.0273	91	0.00018	<0.000002
BR06-04	HC-37	0.00088	<0.00001	0.008	0.00114	0.00029	3.30	0.00218	0.00032	0.7	0.000030	133	0.0190	96	0.00009	0.000002
BR06-04	HC-37	0.00066	<0.00001	0.007	0.00080	0.00070	3.36	0.00224	0.00026	0.6	0.000128	136	0.0157	59	0.00003	<0.000002
BR06-04	HC-37	0.00058	<0.00001	0.009	0.00034	0.00038	2.67	0.00195	0.00025	0.7	0.000201	93.9	0.0160	71	0.00003	<0.000002
BR06-04	HC-37	0.00045	<0.00001	0.010	0.00019	0.00040	2.33	0.00160	0.00021	0.6	0.000100	81.7	0.0145	70	0.00003	0.000002
BR06-04	HC-37	0.00028	<0.00001	0.011	0.00012	0.00032	2.25	0.00153	0.00018	0.5	0.000123	74.8	0.0173	34	<0.00002	<0.000002
BR06-04	HC-37	0.00048	<0.00001	0.012	0.00006	0.00007	1.84	0.00136	0.00019	0.5	0.000109	59.9	0.0170	41	<0.00002	<0.000002
BR06-04	HC-37	0.00025	<0.00001	0.014	0.00010	0.00023	1.98	0.00139	0.00021	0.5	0.000134	62.7	0.0179	64	<0.00002	<0.000002
BR06-04	HC-37	0.00047	<0.00001	0.013	0.00007	0.00028	1.74	0.00130	0.00019	0.5	0.000151	53.0	0.0271	44	<0.00002	0.000002
BR06-04	HC-37	0.00047	<0.00001	0.019	0.00008	0.00020	1.68	0.00120	0.00012	0.5	0.000250	48.1	0.0203	43	<0.00002	<0.000002
BR06-04	HC-37	0.00055	<0.00001	0.005	0.00005	0.00042	1.74	0.00122	0.00011	0.5	0.000123	46.8	0.0342	27	<0.00002	0.000002
BR06-04	HC-37	0.00049	<0.00001	0.007	0.00017	0.00035	1.85	0.00130	0.00010	0.4	0.000063	49.6	0.0454	34	<0.00002	<0.000002
BR06-04	HC-37	0.00047	<0.00001	0.030	<0.00005	0.00043	1.70	0.00119	0.00011	0.4	0.000021	45.2	0.0510	28	<0.00002	<0.000002
BR06-04	HC-37	0.00072	<0.00001	0.013	<0.00005	0.00036	1.72	0.00116	0.00012	0.4	<0.000005	43.1	0.0673	27	<0.00002	<0.000002
BR06-04	HC-37	0.00067	<0.00001	0.005	<0.00005	0.00027	1.59	0.00109	0.00007	0.4	0.000013	36.6	0.0648	26	<0.00002	<0.000002
BR06-04	HC-37	0.00060	<0.00001	0.007	<0.00005	0.00022	1.62	0.00108	0.00007	0.3	<0.000005	38.5	0.0692	23	<0.00002	<0.000002
BR06-04	HC-37	0.00074	<0.00001	0.010	<0.00005	0.00028	1.43	0.00104	0.00009	0.3	<0.000005	32.6	0.0885	24	<0.00002	<0.000002
BR06-04	HC-37	0.00082	<0.00001	0.010	<0.00005	0.00028	1.57	0.00107	0.00007	0.3	<0.000005	32.3	0.0952	25	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000033	<0.0002	0.0003	<0.0001	<0.002				1.03	1.04	-0.680
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000040	<0.0002	0.0003	<0.0001	<0.002				1.08	1.13	-2.13
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000037	<0.0002	0.0005	<0.0001	<0.002				0.947	1.02	-3.81
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000037	<0.0002	0.0005	<0.0001	<0.002				1.03	0.966	3.25
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00004	0.000035	<0.0002	0.0003	<0.0001	<0.002				0.883	0.913	-1.67
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00002	0.000036	<0.0002	0.0007	<0.0001	<0.002				0.997	1.15	-7.13
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00001	0.000035	<0.0002	0.0002	<0.0001	<0.002				0.900	0.925	-1.37
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00001	0.000037	<0.0002	0.0009	<0.0001	<0.002				0.833	0.928	-5.39
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00001	0.000029	<0.0002	<0.0001	<0.0001	<0.002				0.818	0.929	-6.35
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	0.00003	0.000037	<0.0002	0.0003	<0.0001	<0.002				1.23	1.26	-0.880
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	<0.00001	0.000032	<0.0002	0.0002	<0.0001	<0.002				1.02	1.08	-3.00
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	<0.0001	<0.0001	<0.002				1.05	1.15	-4.45
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	<0.0002	<0.0001	<0.0001	<0.002				1.02	1.02	-0.0500
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	<0.0001	<0.0001	<0.002				1.06	1.10	-1.85
BR05-02	HC-34															
BR05-02	HC-34	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	<0.0002	<0.0001	<0.0001	<0.002				0.957	0.946	0.580
BR05-02	HC-34															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-04	HC-37	<0.000005	0.0003	<0.0005	0.00119	0.000171	0.0006	0.0003	<0.0001	0.003				4.66	2.92	22.98
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00184	0.00396	0.0009	0.0002	<0.0001	0.003				11.28	7.93	17.41
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00070	0.00267	0.0005	0.0001	<0.0001	<0.002				8.76	5.94	19.22
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00055	0.00225	0.0004	0.0003	<0.0001	0.005				9.49	6.07	21.99
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00025	0.00125	0.0004	0.0005	<0.0001	<0.002				6.23	4.20	19.38
BR06-04	HC-37	0.000015	<0.0002	<0.0005	0.00021	0.000874	0.0003	0.0002	<0.0001	<0.002				4.61	3.67	11.40
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00014	0.000537	<0.0002	<0.0001	<0.0001	<0.002				4.04	3.36	9.14
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00011	0.000322	<0.0002	0.0002	<0.0001	<0.002				3.14	2.71	7.38
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00009	0.000283	0.0002	0.0002	<0.0001	<0.002				3.17	2.83	5.60
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00008	0.000176	<0.0002	<0.0001	<0.0001	<0.002				2.78	2.43	6.66
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00006	0.000158	<0.0002	0.0003	<0.0001	<0.002				2.61	2.21	8.40
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00005	0.000083	<0.0002	<0.0001	<0.0001	<0.002				2.49	2.20	6.17
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00004	0.000078	<0.0002	0.0001	<0.0001	<0.002				2.59	2.37	4.52
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00004	0.000050	<0.0002	<0.0001	<0.0001	<0.002				2.38	2.20	4.10
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00003	0.000055	<0.0002	<0.0001	<0.0001	<0.002				2.19	2.18	0.23
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00003	0.000041	<0.0002	<0.0001	<0.0001	<0.002				2.11	1.90	5.33
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00003	0.000054	<0.0002	0.0001	<0.0001	<0.002				2.15	2.03	3.04
BR06-04	HC-37	<0.000005	0.0006	<0.0005	0.00002	0.000037	<0.0002	0.0005	<0.0001	<0.002				2.04	1.82	5.83
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00002	0.000043	<0.0002	<0.0001	<0.0001	<0.002				1.98	1.86	3.09

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	19	24-Feb-14	250	225	8.65	219
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	20	03-Mar-14	250	225	8.72	186
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	21	10-Mar-14	250	225	7.74	190
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	22	17-Mar-14	250	240	7.55	194
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	23	24-Mar-14	250	225	7.48	177
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	24	31-Mar-14	250	210	7.50	170
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	25	07-Apr-14	250	215	7.44	191
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	26	14-Apr-14	250	220	7.35	197
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	27	21-Apr-14	250	220	7.32	207
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	28	28-Apr-14	250	220	7.47	200
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	29	05-May-14	250	220	7.25	201
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	30	12-May-14	250	220	7.29	215
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	31	19-May-14	250	220	7.37	214
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	32	26-May-14	250	220	7.52	212
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	33	02-Jun-14	250	225	7.29	222
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	34	09-Jun-14	250	210	7.30	211
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	35	16-Jun-14	250	235	7.37	268
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	36	23-Jun-14	250	210	7.23	240
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	37	30-Jun-14	250	210	7.34	261
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	38	07-Jul-14	250	240	7.37	310
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	39	14-Jul-14	250	220	7.23	244
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	40	21-Jul-14	250	215	7.32	282
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	41	28-Jul-14	250	225	7.25	303
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	42	04-Aug-14	250	245	7.39	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	43	11-Aug-14	250	220	7.23	240
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	44	18-Aug-14	250	215	7.37	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	45	25-Aug-14	250	225	7.20	318
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	46	01-Sep-14	250	220	7.38	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	47	08-Sep-14	250	210	7.22	371
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	48	15-Sep-14	250	230	7.29	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	49	22-Sep-14	250	225	7.26	300
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	50	29-Sep-14	250	230	7.32	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	51	06-Oct-14	250	215	7.20	277
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	52	13-Oct-14	250	210	7.19	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	53	20-Oct-14	250	220	7.10	318
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	54	27-Oct-14	250	220	7.13	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	55	03-Nov-14	250	215	7.10	316
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	56	10-Nov-14	250	215	7.07	
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	57	17-Nov-14	250	215	6.94	325
BR06-04	HC-37	LCP North	Iron Formation (ore)	12GRL069	188.00	189.00	10.68	10.66	0.25	26.30	2.28	58	24-Nov-14	250	215	7.11	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		0	01-Dec-14	750	650	9.44	170
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		1	08-Dec-14	500	445	8.99	81.0
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		2	15-Dec-14	500	465	8.73	98.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-04	HC-37	125	74.2	<0.5	<0.5	26.4	<0.05	<0.01	<0.5					21.1	0.0232	<0.00002	0.00045
BR06-04	HC-37	125	60.5	<0.5	<0.5	22.2			<0.5					21.0	0.0147	<0.00002	0.00094
BR06-04	HC-37	140	62.6	<0.5	<0.5	23.0			<0.5					24.4	0.0180	<0.00002	0.00050
BR06-04	HC-37	135	64.2	<0.5	<0.5	21.5			<0.5					28.2	0.0143	<0.00002	0.00068
BR06-04	HC-37	135	58.9	<0.5	<0.5	14.4	<0.05	<0.01	<0.5					26.4	0.0106	<0.00002	0.00040
BR06-04	HC-37	145	58.6	<0.5	<0.5	14.3			<0.5					30.4	0.0163	<0.00002	0.00023
BR06-04	HC-37	140	72.6	<0.5	<0.5	12.4			<0.5					37.0	0.0137	<0.00002	0.00035
BR06-04	HC-37	140	73.3	<0.5	<0.5	12.6			<0.5					41.7	0.0113	<0.00002	0.00008
BR06-04	HC-37	135	90.7	<0.5	<0.5	11.8	<0.05	<0.01	0.6					47.3	0.0123	<0.00002	0.00031
BR06-04	HC-37	140	72.4	<0.5	<0.5	11.4			<0.5					49.5	0.0114	<0.00002	0.00044
BR06-04	HC-37	140	74.9	<0.5	<0.5	11.6			<0.5					48.1	0.0086	<0.00002	0.00033
BR06-04	HC-37	130	80.5	<0.5	<0.5	12.5			<0.5					51.1	0.0102	<0.00002	0.00040
BR06-04	HC-37	140	84.2	<0.5	<0.5	9.1	<0.05	<0.01	<0.5					58.5	0.0110	<0.00002	0.00041
BR06-04	HC-37	130	78.3	<0.5	<0.5	10.0			<0.5					56.2	0.0117	<0.00002	0.00010
BR06-04	HC-37	140	85.7	<0.5	1.3	9.2			<0.5					59.7	0.00960	<0.00002	0.00026
BR06-04	HC-37	135	78.1	<0.5	<0.5	9.0			1.2					58.8	0.00920	<0.00002	0.00032
BR06-04	HC-37	140	108	<0.5	<0.5	11.7	<0.05	<0.01	<0.5					82.8	0.00580	<0.00002	0.00009
BR06-04	HC-37	145	93.4	<0.5	<0.5	7.1			<0.5					74.9	0.00720	<0.00002	0.00029
BR06-04	HC-37	150	102	<0.5	<0.5	8.4			0.8					88.2	0.00620	<0.00002	0.00025
BR06-04	HC-37	140	135	<0.5	<0.5	14.3			<0.5					109	0.00510	<0.00002	0.00033
BR06-04	HC-37	130	93.2	<0.5	<0.5	9.5	<0.05	<0.01	<0.5					79.4	0.00670	<0.00002	0.00027
BR06-04	HC-37	150	111	<0.5	<0.5	8.1			0.6					103	0.00580	<0.00002	0.00043
BR06-04	HC-37	140	118	<0.5	<0.5	9.0			0.9					103	0.0050	<0.00002	0.00022
BR06-04	HC-37																
BR06-04	HC-37	140	92.2	<0.5	0.8	9.8			<0.5					83.4	0.0058	<0.00002	0.00009
BR06-04	HC-37																
BR06-04	HC-37	120	115	<0.5	1.5	7.5			0.5					115	0.0042	<0.00002	0.00020
BR06-04	HC-37																
BR06-04	HC-37	150	148	<0.5	<0.5	7.9			2.1					114	0.0047	<0.00002	0.00036
BR06-04	HC-37																
BR06-04	HC-37	145	123	<0.5	<0.5	8.8			<0.5					116	0.0067	<0.00002	0.00007
BR06-04	HC-37																
BR06-04	HC-37	150	104	<0.5	0.8	7.2			1.6					97.8	0.0333	<0.00002	0.00010
BR06-04	HC-37																
BR06-04	HC-37	140	139	<0.5	1.2	6.9			1.1					121	0.0030	<0.00002	0.00017
BR06-04	HC-37																
BR06-04	HC-37	150	128	<0.5	<0.5	5.5			1.3					120	0.0019	<0.00002	0.00009
BR06-04	HC-37																
BR06-04	HC-37	140	133	<0.5	0.5	5.5			2.3					123	0.0017	<0.00002	0.00007
BR06-04	HC-37																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41	90.0	29.4	<0.5	<0.5	29.1	0.13		7.6					12.6	0.0394	0.00004	0.00126
	HC-41	100	7.8	<0.5	<0.5	24.5	0.09		3.5					5.7	0.0390	0.00007	0.00319
	HC-41	100	9.1	<0.5	<0.5	31.0	0.11		2.7					8.2	0.0583	0.00010	0.00498

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-04	HC-37	0.00226	<0.00001	<0.000005	<0.05	0.00055	<0.000005	3.51	<0.0001	0.000013	0.00031	<0.00005	0.010	0.000005	0.0007	2.99
BR06-04	HC-37	0.00324	<0.00001	<0.000005	<0.05	0.00050	<0.000005	4.26	<0.0001	0.000025	0.00013	<0.00005	0.006	<0.000005	0.0006	2.52
BR06-04	HC-37	0.00570	<0.00001	<0.000005	<0.05	0.00047	<0.000005	4.86	<0.0001	0.000012	0.00016	<0.00005	0.005	0.000007	0.0007	2.97
BR06-04	HC-37	0.00425	<0.00001	<0.000005	<0.05	0.00046	<0.000005	5.81	<0.0001	0.000014	0.00012	<0.00005	0.003	<0.000005	0.0006	3.32
BR06-04	HC-37	0.00403	<0.00001	<0.000005	<0.05	0.00044	<0.000005	5.53	<0.0001	0.000020	0.00012	<0.00005	0.007	0.000007	0.0006	3.06
BR06-04	HC-37	0.00383	<0.00001	<0.000005	<0.05	0.00038	<0.000005	6.59	<0.0001	0.000007	0.00014	<0.00005	0.008	0.000007	0.0007	3.38
BR06-04	HC-37	0.00475	<0.00001	<0.000005	<0.05	0.00037	<0.000005	8.63	<0.0001	0.000014	0.00008	<0.00005	0.002	<0.000005	0.0006	3.75
BR06-04	HC-37	0.00534	<0.00001	<0.000005	<0.05	0.00037	0.000013	10.0	<0.0001	0.000008	0.00014	<0.00005	0.002	<0.000005	<0.0005	4.06
BR06-04	HC-37	0.00550	<0.00001	<0.000005	<0.05	0.00039	<0.000005	11.1	<0.0001	0.000017	0.00017	<0.00005	0.002	<0.000005	0.0007	4.76
BR06-04	HC-37	0.00524	<0.00001	<0.000005	<0.05	0.00039	<0.000005	12.0	<0.0001	0.000016	0.00014	<0.00005	0.003	<0.000005	<0.0005	4.77
BR06-04	HC-37	0.00598	<0.00001	<0.000005	<0.05	0.00042	<0.000005	11.1	<0.0001	0.000017	0.00008	<0.00005	<0.001	<0.000005	0.0005	4.96
BR06-04	HC-37	0.00514	<0.00001	<0.000005	<0.05	0.00039	<0.000005	11.4	<0.0001	0.000018	0.00012	<0.00005	0.001	<0.000005	0.0006	5.52
BR06-04	HC-37	0.00567	<0.00001	<0.000005	<0.05	0.00037	<0.000005	13.8	<0.0001	0.000016	0.00022	<0.00005	0.002	<0.000005	0.0007	5.84
BR06-04	HC-37	0.00528	<0.00001	<0.000005	<0.05	0.00036	<0.000005	13.3	<0.0001	0.000014	0.00015	<0.00005	0.002	0.000008	0.0006	5.58
BR06-04	HC-37	0.00531	<0.00001	<0.000005	<0.05	0.00039	<0.000005	14.2	<0.0001	0.000017	0.00010	<0.00005	0.020	0.000005	<0.0005	5.93
BR06-04	HC-37	0.00437	<0.00001	<0.000005	<0.05	0.00030	<0.000005	13.8	<0.0001	0.000019	0.00042	<0.00005	0.002	<0.000005	<0.0005	5.93
BR06-04	HC-37	0.00736	<0.00001	<0.000005	<0.05	0.00039	<0.000005	18.6	<0.0001	0.000027	0.00013	<0.00005	0.003	<0.000005	<0.0005	8.81
BR06-04	HC-37	0.00529	<0.00001	<0.000005	<0.05	0.00032	<0.000005	17.4	<0.0001	0.000019	0.00020	<0.00005	0.002	<0.000005	0.0006	7.67
BR06-04	HC-37	0.00538	<0.00001	<0.000005	<0.05	0.00032	<0.000005	20.0	<0.0001	0.000023	0.00019	<0.00005	0.001	<0.000005	0.0006	9.26
BR06-04	HC-37	0.00659	<0.00001	<0.000005	<0.05	0.00033	<0.000005	23.1	<0.0001	0.000034	0.00011	<0.00005	0.007	<0.000005	0.0005	12.4
BR06-04	HC-37	0.00476	<0.00001	<0.000005	<0.05	0.00031	<0.000005	17.6	<0.0001	0.000026	0.00008	<0.00005	<0.001	<0.000005	0.0005	8.63
BR06-04	HC-37	0.00479	<0.00001	<0.000005	<0.05	0.00031	<0.000005	23.3	<0.0001	0.000028	0.00094	<0.00005	0.002	0.000045	0.0006	10.8
BR06-04	HC-37	0.00508	<0.00001	<0.000005	<0.05	0.00033	<0.000005	20.9	<0.0001	0.000033	0.00009	<0.00005	0.003	<0.000005	0.0006	12.4
BR06-04	HC-37															
BR06-04	HC-37	0.00432	<0.00001	<0.000005	<0.05	0.00031	0.000007	17.7	<0.0001	0.000030	0.00013	<0.00005	0.002	<0.000005	0.0007	9.50
BR06-04	HC-37															
BR06-04	HC-37	0.00455	<0.00001	<0.000005	<0.05	0.00029	<0.000005	21.9	0.0002	0.000038	0.00007	<0.00005	0.003	<0.000005	0.0007	14.6
BR06-04	HC-37															
BR06-04	HC-37	0.00440	<0.00001	<0.000005	<0.05	0.00041	<0.000005	19.2	<0.0001	0.000029	0.00055	<0.00005	0.002	0.000009	0.0007	16.1
BR06-04	HC-37															
BR06-04	HC-37	0.00462	<0.00001	<0.000005	<0.05	0.00026	<0.000005	26.7	<0.0001	0.000031	0.00009	<0.00005	0.004	<0.000005	0.0005	12.1
BR06-04	HC-37															
BR06-04	HC-37	0.00485	<0.00001	<0.000005	<0.05	0.00031	<0.000005	21.1	<0.0001	0.000044	0.00037	<0.00005	0.001	0.000018	0.0006	11.0
BR06-04	HC-37															
BR06-04	HC-37	0.00434	<0.00001	<0.000005	<0.05	0.00029	<0.000005	23.9	<0.0001	0.000050	0.00008	<0.00005	0.002	<0.000005	0.0005	14.8
BR06-04	HC-37															
BR06-04	HC-37	0.00550	<0.00001	<0.000005	<0.05	0.00028	<0.000005	23.7	<0.0001	0.000037	<0.00005	<0.00005	0.001	<0.000005	0.0024	14.8
BR06-04	HC-37															
BR06-04	HC-37	0.00394	<0.00001	<0.000005	<0.05	0.00028	<0.000005	26.3	<0.0001	0.000044	0.00006	<0.00005	0.004	0.000006	<0.0005	13.9
BR06-04	HC-37															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41	0.00392	<0.00001	<0.000005	0.11	0.00124	<0.000005	3.49	0.0001	0.000016	0.00048	<0.00005	0.174	0.000038	0.0071	0.95
	HC-41	0.00208	<0.00001	<0.000005	0.11	0.00088	0.000006	1.79	<0.0001	0.000008	0.00020	<0.00005	0.078	0.000020	0.0050	0.29
	HC-41	0.00309	<0.00001	<0.000005	0.13	0.00116	<0.000005	2.50	<0.0001	0.000009	0.00012	<0.00005	0.094	0.000020	0.0089	0.47

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-04	HC-37	0.00090	<0.00001	0.005	<0.00005	0.00022	1.58	0.00112	0.00007	0.4	<0.000005	33.4	0.0843	24	<0.00002	<0.000002
BR06-04	HC-37	0.00336	<0.00001	0.014	<0.00005	0.00045	1.47	0.00105	<0.00004	0.4	<0.000005	25.3	0.104	21	<0.00002	<0.000002
BR06-04	HC-37	0.00156	<0.00001	0.006	<0.00005	0.00030	1.37	0.00094	0.00008	0.3	<0.000005	26.2	0.111	21	<0.00002	<0.000002
BR06-04	HC-37	0.00160	<0.00001	0.005	<0.00005	0.00019	1.47	0.00100	0.00005	0.4	<0.000005	27.2	0.130	23	<0.00002	<0.000002
BR06-04	HC-37	0.00204	<0.00001	0.004	<0.00005	0.00024	1.30	0.00089	0.00005	0.3	<0.000005	22.5	0.130	22	<0.00002	<0.000002
BR06-04	HC-37	0.00150	<0.00001	0.003	<0.00005	0.00021	1.15	0.00088	0.00005	0.3	<0.000005	20.5	0.143	21	<0.00002	<0.000002
BR06-04	HC-37	0.00181	<0.00001	<0.002	<0.00005	0.00019	1.17	0.00081	0.00007	0.3	<0.000005	20.2	0.179	23	<0.00002	<0.000002
BR06-04	HC-37	0.00231	<0.00001	0.004	<0.00005	0.00020	1.21	0.00082	0.00005	0.3	<0.000005	19.9	0.191	26	<0.00002	<0.000002
BR06-04	HC-37	0.00278	<0.00001	0.007	<0.00005	0.00026	1.24	0.00086	0.00008	0.4	<0.000005	19.9	0.211	27	<0.00002	<0.000002
BR06-04	HC-37	0.00262	<0.00001	0.003	<0.00005	0.00025	1.15	0.00082	0.00008	0.3	<0.000005	18.1	0.196	26	<0.00002	<0.000002
BR06-04	HC-37	0.00512	<0.00001	<0.002	<0.00005	0.00019	1.20	0.00091	0.00009	0.3	<0.000005	17.5	0.212	26	<0.00002	<0.000002
BR06-04	HC-37	0.00387	<0.00001	0.003	<0.00005	0.00022	1.26	0.00085	0.00010	0.3	<0.000005	18.6	0.209	26	<0.00002	<0.000002
BR06-04	HC-37	0.00458	<0.00001	0.005	<0.00005	0.00032	1.10	0.00083	0.00009	0.3	<0.000005	17.2	0.227	29	<0.00002	<0.000002
BR06-04	HC-37	0.00501	<0.00001	0.003	<0.00005	0.00028	1.04	0.00079	0.00006	0.3	<0.000005	16.3	0.203	26	<0.00002	<0.000002
BR06-04	HC-37	0.00578	<0.00001	0.003	<0.00005	0.00039	1.13	0.00085	0.00008	0.3	<0.000005	15.7	0.209	29	<0.00002	<0.000002
BR06-04	HC-37	0.00570	<0.00001	0.006	<0.00005	0.00034	0.86	0.00070	0.00008	0.3	0.000016	13.8	0.190	25	<0.00002	<0.000002
BR06-04	HC-37	0.0137	<0.00001	0.003	<0.00005	0.00027	1.21	0.00090	0.00015	0.3	<0.000005	17.0	0.256	35	<0.00002	<0.000002
BR06-04	HC-37	0.00871	<0.00001	0.005	<0.00005	0.00033	0.98	0.00073	0.00012	0.3	<0.000005	13.6	0.214	32	<0.00002	<0.000002
BR06-04	HC-37	0.0108	<0.00001	0.009	<0.00005	0.00038	0.96	0.00071	0.00014	0.3	0.000005	13.9	0.213	35	<0.00002	0.000002
BR06-04	HC-37	0.0262	<0.00001	0.004	<0.00005	0.00031	1.09	0.00079	0.00016	0.4	<0.000005	14.7	0.221	41	<0.00002	0.000002
BR06-04	HC-37	0.0145	<0.00001	0.006	<0.00005	0.00032	1.00	0.00072	0.00012	0.3	<0.000005	12.4	0.157	32	<0.00002	<0.000002
BR06-04	HC-37	0.0170	<0.00001	0.004	<0.00005	0.00030	0.97	0.00069	0.00018	0.3	<0.000005	13.2	0.175	39	<0.00002	<0.000002
BR06-04	HC-37	0.0216	<0.00001	0.005	<0.00005	0.00030	1.01	0.00075	0.00018	0.3	<0.000005	13.6	0.166	40	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0200	<0.00001	0.004	<0.00005	0.00020	1.00	0.00072	0.00013	0.3	<0.000005	12.2	0.121	33	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0309	<0.00001	<0.002	<0.00005	0.00030	0.88	0.00065	0.00018	0.2	<0.000005	11.6	0.138	43	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0256	<0.00001	0.004	0.00006	0.00028	1.37	0.00095	0.00026	0.3	0.000012	17.3	0.104	52	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0310	<0.00001	0.002	<0.00005	0.00032	0.90	0.00065	0.00015	0.3	<0.000005	10.6	0.121	41	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0376	<0.00001	0.012	<0.00005	0.00038	1.04	0.00078	0.00016	0.2	<0.000005	11.3	0.101	39	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0457	<0.00001	<0.002	<0.00005	0.00046	0.93	0.00071	0.00024	0.2	0.000007	10.9	0.115	44	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0463	0.00001	0.003	<0.00005	0.00033	0.84	0.00077	0.00024	0.2	<0.000005	10.8	0.105	45	<0.00002	<0.000002
BR06-04	HC-37															
BR06-04	HC-37	0.0466	<0.00001	0.005	<0.00005	0.00043	0.87	0.00070	0.00024	0.2	<0.000005	9.27	0.0903	40	<0.00002	<0.000002
BR06-04	HC-37															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41	0.00047	<0.00001	0.045	0.00076	0.00034	6.85	0.00971	0.00028	2.0	<0.000005	24.9	0.0243	13	<0.00002	0.000004
	HC-41	0.00044	<0.00001	0.028	0.00523	0.00021	3.90	0.00682	0.00012	1.2	<0.000005	11.1	0.0109	<10	<0.00002	0.000004
	HC-41	0.00051	0.00001	0.022	0.00460	0.00014	5.39	0.00892	0.00011	1.8	<0.000005	13.8	0.0158	<10	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00003	0.000044	<0.0002	0.0002	<0.0001	0.002				2.07	1.92	3.83
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00002	0.000026	<0.0002	0.0004	<0.0001	<0.002				1.71	1.56	4.44
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00002	0.000041	<0.0002	0.0002	<0.0001	<0.002				1.77	1.66	2.95
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00002	0.000050	<0.0002	<0.0001	<0.0001	<0.002				1.77	1.79	-0.48
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000030	<0.0002	0.0004	<0.0001	<0.002				1.52	1.54	-0.79
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000023	<0.0002	0.0004	<0.0001	<0.002				1.51	1.53	-0.72
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000026	<0.0002	<0.0001	<0.0001	<0.002				1.76	1.65	3.26
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000026	<0.0002	0.0012	<0.0001	<0.002				1.78	1.73	1.34
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000021	<0.0002	0.0003	<0.0001	<0.002				2.14	1.85	7.45
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0003	<0.0001	<0.002				1.74	1.81	-2.00
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000017	<0.0002	0.0002	<0.0001	<0.002				1.79	1.75	1.04
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000027	<0.0002	0.0002	<0.0001	<0.002				1.93	1.86	1.74
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000021	<0.0002	0.0002	<0.0001	<0.002				1.94	1.95	-0.33
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000014	<0.0002	0.0009	<0.0001	<0.002				1.83	1.86	-0.87
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	<0.0002	0.0001	<0.0001	<0.002				1.97	1.91	1.52
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000016	<0.0002	0.0002	<0.0001	<0.002				1.84	1.80	1.21
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000028	<0.0002	0.0003	<0.0001	<0.002				2.49	2.43	1.24
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0004	<0.0001	<0.002				2.09	2.12	-0.690
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0002	<0.0001	<0.002				2.32	2.39	-1.59
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00001	0.000030	<0.0002	0.0001	<0.0001	<0.002				3.10	2.85	4.30
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00002	0.000014	<0.0002	0.0002	<0.0001	<0.002				2.13	2.15	-0.540
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0007	<0.0001	<0.002				2.49	2.66	-3.29
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0003	<0.0001	<0.002				2.66	2.68	-0.450
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0002	<0.0001	<0.002				2.12	2.23	-2.56
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0002	<0.0001	<0.002				2.56	2.83	-5.02
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	0.00002	0.000012	<0.0002	0.0002	<0.0001	<0.002				3.29	3.08	3.38
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0004	<0.0001	<0.002				2.74	2.81	-1.33
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	0.0011	<0.00001	0.000006	0.0002	0.0010	<0.0001	<0.002				2.35	2.48	-2.72
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0002	<0.0001	<0.002				3.07	2.91	2.64
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	<0.0001	<0.0001	<0.002				2.81	2.90	-1.58
BR06-04	HC-37															
BR06-04	HC-37	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0001	<0.0001	<0.002				2.94	2.89	0.960
BR06-04	HC-37															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41	0.000006	<0.0002	0.0017	0.00240	0.000113	0.0006	0.0005	<0.0001	0.003				1.42	1.52	-3.40
	HC-41	<0.000005	<0.0002	0.0005	0.00262	0.000895	0.0004	0.0007	<0.0001	<0.002				0.754	0.701	3.64
	HC-41	<0.000005	<0.0002	0.0005	0.00290	0.00186	0.0006	0.0001	<0.0001	<0.002				0.892	0.913	-1.16

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		3	22-Dec-14	500	490	8.84	115
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		4	29-Dec-14	500	455	8.34	82.0
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		5	05-Jan-15	500	470	8.70	82.0
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		6	12-Jan-15	500	485	8.64	75.0
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		7	19-Jan-15	500	470	8.45	56.0
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		8	26-Jan-15	500	470	8.45	56
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		9	02-Feb-15	500	485	8.40	54
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		10	09-Feb-15	500	475	8.28	63
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		11	16-Feb-15	500	480	8.09	52
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		12	23-Feb-15	500	495	7.99	56
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		13	02-Mar-15	500	465	7.99	54
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		14	09-Mar-15	500	475	7.70	62
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		15	16-Mar-15	500	465	8.29	68
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		16	23-Mar-15	500	485	7.99	76
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		17	30-Mar-15	500	480	7.96	87
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		18	06-Apr-15	500	470	7.95	101
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		19	13-Apr-15	500	490	7.62	97
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		20	20-Apr-15	500	465	7.81	108
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		21	27-Apr-15	500	470	7.85	106
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		22	04-May-15	500	475	7.88	106
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		23	11-May-15	500	465	7.85	103
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		24	18-May-15	500	480	7.70	92
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		25	25-May-15	500	485	7.85	87
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		26	01-Jun-15	500	460	7.82	90
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		27	08-Jun-15	500	475	7.79	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		28	15-Jun-15	500	480	7.67	87
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		29	22-Jun-15	500	465	7.75	79
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		30	29-Jun-15	500	475	7.80	81
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		31	06-Jul-15	500	470	7.74	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		32	13-Jul-15	500	485	7.70	74
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		33	20-Jul-15	500	475	7.77	67
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		34	27-Jul-15	500	480	7.67	66
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		35	03-Aug-15	500	475	7.72	72
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		36	10-Aug-15	500	480	7.70	62
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		37	17-Aug-15	500	475	7.71	66
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		38	24-Aug-15	500	475	7.55	57
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		39	31-Aug-15	500	475	7.74	56
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		40	07-Sep-15	500	470	7.68	72
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		41	14-Sep-15	500	470	7.71	58
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		42	21-Sep-15	500	475	7.65	58
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		43	28-Sep-15	500	485	7.62	62
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		44	05-Oct-15	500	450	7.61	67
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		45	12-Oct-15	500	480	7.60	60
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		46	19-Oct-15	500	470	7.61	56
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		47	26-Oct-15	500	475	7.82	65
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		48	02-Nov-15	500	480	7.60	64
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		49	09-Nov-15	500	470	7.63	64
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		50	16-Nov-15	500	470	7.51	58
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		51	23-Nov-15	500	475	7.60	61
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		52	30-Nov-15	500	475	7.55	62
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		53	07-Dec-15	500	485	7.46	55

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41	100	9.8	<0.5	<0.5	44.0	0.12		1.9					10.1	0.0791	0.00012	0.00989
	HC-41	110	5.6	<0.5	<0.5	33.9	0.07		0.7					10.4	0.0963	0.00010	0.00974
	HC-41	105	5.7	<0.5	<0.5	34.6	<0.05		<0.5					16.1	0.157	0.00011	0.0165
	HC-41	100	5.0	<0.5	<0.5	30.5	<0.05		<0.5					14.0	0.139	0.00007	0.0101
	HC-41	120	4.6	<0.5	<0.5	29.9	<0.05		<0.5					15.2	0.188	0.00005	0.0107
	HC-41	125	3.7	<0.5	<0.5	22.8	<0.05		<0.5					12.8	0.129	0.00004	0.00478
	HC-41	120	3.6	<0.5	<0.5	22.2	<0.05		<0.5					13.1	0.137	0.00004	0.00410
	HC-41	125	4.1	<0.5	<0.5	28.3	<0.05		<0.5					16.6	0.144	0.00004	0.00476
	HC-41	125	3.1	<0.5	<0.5	24.2	<0.05		<0.5					14.0	0.144	0.00003	0.00468
	HC-41	125	3.9	<0.5	<0.5	24.1	<0.05		<0.5					15.6	0.157	0.00003	0.00456
	HC-41	130	3.6	<0.5	<0.5	21.9	<0.05		<0.5					14.4	0.155	0.00003	0.00389
	HC-41	110	5.8	<0.5	<0.5	21.1	<0.05		<0.5					17.0	0.178	0.00002	0.00475
	HC-41	120	8.9	<0.5	0.5	21.8	<0.05		<0.5					19.5	0.186	0.00002	0.00442
	HC-41	140	11.0	<0.5	<0.5	21.2	<0.05		<0.5					21.5	0.156	<0.00002	0.00378
	HC-41	135	15.2	<0.5	<0.5	22.8	<0.05		<0.5					26.1	0.165	0.00002	0.00353
	HC-41	150	20.2	<0.5	<0.5	23.1	<0.05		<0.5					32.2	0.163	<0.00002	0.00274
	HC-41	165	22.1	<0.5	<0.5	15.6	<0.05		<0.5					30.1	0.106	<0.00002	0.00169
	HC-41	160															
	HC-41	115	22.6	<0.5	<0.5	23.2	<0.05		<0.5					35.0	0.145	<0.00002	0.00239
	HC-41	125															
	HC-41	120	21.7	<0.5	<0.5	20.8	<0.05		<0.5					32.9	0.139	<0.00002	0.00211
	HC-41	120															
	HC-41	120	15.5	<0.5	<0.5	22.6	<0.05		<0.5					30.9	0.155	<0.00002	0.00219
	HC-41	110															
	HC-41	130	16.5	<0.5	<0.5	16.7	<0.05		<0.5					32.0	0.155	<0.00002	0.00183
	HC-41	155															
	HC-41	130	16.6	<0.5	<0.5	15.1	<0.05		<0.5					25.1	0.125	<0.00002	0.00130
	HC-41	120															
	HC-41	110	15.8	<0.5	<0.5	14.6	<0.05		<0.5					25.8	0.155	<0.00002	0.00149
	HC-41	110															
	HC-41	105	14.0	<0.5	<0.5	14.3	<0.05		<0.5					23.4	0.159	<0.00002	0.00148
	HC-41	95															
	HC-41	105	13.8	<0.5	<0.5	13.5	<0.05		<0.5					25.3	0.165	<0.00002	0.00143
	HC-41	120															
	HC-41	130	12.7	<0.5	0.6	13.5	<0.05		<0.5					21.4	0.167	<0.00002	0.00147
	HC-41	130															
	HC-41	130	9.3	<0.5	<0.5	13.9	<0.05		0.7					20.7	0.161	<0.00002	0.00159
	HC-41	125															
	HC-41	130	12.0	<0.5	<0.5	12.4	<0.05		<0.5					20.3	0.151	<0.00002	0.00137
	HC-41	115															
	HC-41	125	12.3	<0.5	<0.5	12.6	<0.05		<0.5					21.0	0.151	<0.00002	0.00290
	HC-41	130															
	HC-41	130	13.3	<0.5	<0.5	10.1	<0.05		0.6					20.2	0.142	<0.00002	0.00112
	HC-41	125															
	HC-41	120	14.4	<0.5	<0.5	10.1	<0.05		0.7					21.4	0.146	<0.00002	0.00140
	HC-41	120															
	HC-41	125	14.0	<0.5	<0.5	10.6	<0.05		<0.5					20.8	0.150	<0.00002	0.00133
	HC-41	110															
	HC-41	130	13.0	<0.5	<0.5	10.6	<0.05		<0.5					21.5	0.139	<0.00002	0.00127
	HC-41	120															
	HC-41	125	12.1	<0.5	<0.5	9.5	<0.05		<0.5					19.2	0.103	<0.00002	0.00083

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41	0.00404	<0.00001	<0.000005	0.12	0.00136	<0.000005	3.12	0.0001	0.000015	0.00031	<0.00005	0.229	0.000035	0.0108	0.56
	HC-41	0.00342	<0.00001	<0.000005	0.08	0.00113	<0.000005	3.32	<0.0001	0.000012	0.00022	<0.00005	0.114	0.000028	0.0112	0.51
	HC-41	0.00589	<0.00001	<0.000005	0.08	0.00182	<0.000005	5.04	<0.0001	0.000026	0.00213	<0.00005	0.133	0.000039	0.0162	0.84
	HC-41	0.00485	<0.00001	<0.000005	<0.05	0.00146	<0.000005	4.54	<0.0001	0.000017	0.00118	<0.00005	0.175	0.000025	0.0126	0.65
	HC-41	0.00504	<0.00001	<0.000005	<0.05	0.00145	<0.000005	4.98	<0.0001	0.000018	0.00017	<0.00005	0.292	0.000036	0.0138	0.67
	HC-41	0.00476	<0.00001	<0.000005	<0.05	0.00128	<0.000005	4.23	<0.0001	0.000014	0.00248	<0.00005	0.212	0.000084	0.0093	0.55
	HC-41	0.00497	<0.00001	0.000007	<0.05	0.00127	0.000008	4.35	<0.0001	0.000012	0.00010	<0.00005	0.171	0.000024	0.0094	0.53
	HC-41	0.00601	<0.00001	0.000008	<0.05	0.00140	0.000098	5.62	<0.0001	0.000014	0.00012	<0.00005	0.125	0.000027	0.0105	0.62
	HC-41	0.00523	<0.00001	<0.000005	<0.05	0.00129	0.000009	4.78	<0.0001	0.000036	0.00035	<0.00005	0.130	0.000046	0.0086	0.51
	HC-41	0.00538	<0.00001	<0.000005	<0.05	0.00131	<0.000005	5.37	<0.0001	0.000011	0.00012	<0.00005	0.095	0.000022	0.0089	0.52
	HC-41	0.00551	<0.00001	0.000006	<0.05	0.00124	0.000035	4.92	<0.0001	0.000010	0.00010	<0.00005	0.091	0.000020	0.0090	0.51
	HC-41	0.00636	<0.00001	<0.000005	<0.05	0.00146	<0.000005	5.86	<0.0001	0.000011	0.00008	<0.00005	0.076	0.000017	0.0100	0.58
	HC-41	0.00684	<0.00001	<0.000005	<0.05	0.00151	<0.000005	6.78	<0.0001	0.000009	0.00025	<0.00005	0.080	0.000029	0.0095	0.63
	HC-41	0.00824	<0.00001	<0.000005	<0.05	0.00162	<0.000005	7.47	<0.0001	0.000015	0.00205	<0.00005	0.091	0.000049	0.0113	0.68
	HC-41	0.00990	<0.00001	<0.000005	<0.05	0.00175	<0.000005	9.16	<0.0001	0.000013	0.00011	<0.00005	0.084	0.000014	0.0118	0.78
	HC-41	0.0118	<0.00001	<0.000005	<0.05	0.00187	<0.000005	11.5	<0.0001	0.000011	0.00011	<0.00005	0.149	0.000028	0.0129	0.86
	HC-41	0.0120	<0.00001	<0.000005	<0.05	0.00179	<0.000005	10.7	<0.0001	0.000029	0.00019	<0.00005	0.063	0.000017	0.0097	0.82
	HC-41															
	HC-41	0.0123	<0.00001	<0.000005	<0.05	0.00187	<0.000005	12.7	<0.0001	0.000014	0.00012	<0.00005	0.052	0.000011	0.0108	0.80
	HC-41															
	HC-41	0.0111	<0.00001	<0.000005	<0.05	0.00167	<0.000005	12.1	<0.0001	0.000011	0.00013	<0.00005	0.040	0.000015	0.0089	0.64
	HC-41															
	HC-41	0.0109	<0.00001	<0.000005	<0.05	0.00169	<0.000005	11.4	<0.0001	0.000015	0.00014	<0.00005	0.095	0.000020	0.0093	0.58
	HC-41															
	HC-41	0.0104	<0.00001	<0.000005	<0.05	0.00152	<0.000005	12.0	<0.0001	0.000012	0.00014	<0.00005	0.060	0.000016	0.0072	0.49
	HC-41															
	HC-41	0.00862	<0.00001	<0.000005	<0.05	0.00143	0.000008	9.34	<0.0001	0.000019	0.00010	<0.00005	0.039	0.000014	0.0071	0.44
	HC-41															
	HC-41	0.00945	<0.00001	<0.000005	<0.05	0.00157	<0.000005	9.57	<0.0001	0.000009	0.00022	<0.00005	0.039	0.000010	0.0072	0.45
	HC-41															
	HC-41	0.00781	<0.00001	<0.000005	<0.05	0.00128	<0.000005	8.75	<0.0001	0.000018	0.00035	<0.00005	0.036	0.000011	0.0061	0.38
	HC-41															
	HC-41	0.00845	<0.00001	<0.000005	<0.05	0.00140	<0.000005	9.43	<0.0001	0.000010	0.00006	<0.00005	0.034	0.000007	0.0068	0.43
	HC-41															
	HC-41	0.00762	<0.00001	<0.000005	<0.05	0.00128	<0.000005	7.95	<0.0001	0.000010	0.00011	<0.00005	0.027	0.000016	0.0055	0.37
	HC-41															
	HC-41	0.00596	<0.00001	<0.000005	<0.05	0.00107	<0.000005	7.73	<0.0001	0.000007	0.00015	<0.00005	0.081	0.000026	0.0038	0.34
	HC-41															
	HC-41	0.00636	<0.00001	<0.000005	<0.05	0.00115	<0.000005	7.54	<0.0001	0.000016	0.00014	<0.00005	0.028	0.000011	0.0049	0.35
	HC-41															
	HC-41	0.00662	<0.00001	<0.000005	<0.05	0.00118	<0.000005	7.79	<0.0001	0.000027	0.00012	<0.00005	0.018	0.000011	0.0050	0.37
	HC-41															
	HC-41	0.00696	<0.00001	<0.000005	<0.05	0.00123	<0.000005	7.49	<0.0001	0.000024	0.00022	<0.00005	0.020	0.000017	0.0049	0.36
	HC-41															
	HC-41	0.00793	<0.00001	<0.000005	<0.05	0.00129	<0.000005	7.93	<0.0001	0.000009	0.00017	<0.00005	0.019	0.000008	0.0051	0.39
	HC-41															
	HC-41	0.00663	<0.00001	<0.000005	<0.05	0.00116	<0.000005	7.69	<0.0001	0.000019	0.00008	<0.00005	0.020	0.000012	0.0046	0.38
	HC-41															
	HC-41	0.00693	<0.00001	<0.000005	<0.05	0.00122	<0.000005	8.00	<0.0001	0.000008	0.00010	<0.00005	0.019	0.000013	0.0048	0.38
	HC-41															
	HC-41	0.00590	<0.00001	<0.000005	<0.05	0.00101	<0.000005	7.12	<0.0001	0.000022	0.00008	<0.00005	0.016	0.000010	0.0037	0.35

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41	0.00082	<0.00001	0.023	0.00256	0.00021	6.14	0.0103	0.00015	3.1	<0.000005	14.0	0.0197	<10	<0.00002	0.000004
	HC-41	0.00050	<0.00001	0.025	0.00071	0.00016	5.18	0.00917	0.00012	2.9	<0.000005	8.76	0.0181	<10	<0.00002	0.000003
	HC-41	0.00069	<0.00001	0.029	0.00043	0.00018	8.13	0.0146	0.00017	3.5	<0.000005	11.2	0.0309	<10	<0.00002	0.000005
	HC-41	0.00065	<0.00001	0.018	0.00025	0.00013	6.29	0.0112	0.00009	3.2	<0.000005	6.08	0.0265	<10	<0.00002	0.000004
	HC-41	0.00082	<0.00001	0.017	0.00021	0.00015	6.50	0.0114	0.00010	3.4	<0.000005	5.22	0.0287	<10	<0.00002	0.000005
	HC-41	0.00064	<0.00001	0.008	0.00017	0.00012	5.29	0.00960	0.00006	2.0	<0.000005	3.03	0.0252	<10	<0.00002	0.000003
	HC-41	0.00055	<0.00001	0.006	0.00018	0.00014	5.16	0.00949	0.00004	2.0	<0.000005	2.62	0.0253	<10	<0.00002	0.000005
	HC-41	0.00056	<0.00001	0.008	0.00015	0.00021	5.96	0.0106	0.00004	2.1	<0.000005	2.75	0.0299	<10	<0.00002	0.000005
	HC-41	0.00068	<0.00001	0.010	0.00009	0.00017	5.14	0.00961	0.00005	2.0	<0.000005	1.88	0.0291	<10	<0.00002	0.000006
	HC-41	0.00045	<0.00001	0.009	0.00008	0.00015	5.43	0.0100	0.00004	2.5	<0.000005	1.78	0.0292	<10	<0.00002	0.000003
	HC-41	0.00047	<0.00001	0.013	0.00010	0.00013	5.22	0.00958	<0.00004	2.3	<0.000005	1.55	0.0273	<10	<0.00002	0.000005
	HC-41	0.00040	<0.00001	0.010	0.00010	0.00014	6.14	0.0120	<0.00004	2.4	<0.000005	1.57	0.0354	<10	<0.00002	0.000004
	HC-41	0.00046	<0.00001	0.009	0.00011	0.00013	6.45	0.0120	<0.00004	2.3	<0.000005	1.41	0.0397	<10	<0.00002	0.000005
	HC-41	0.00060	<0.00001	0.008	0.00013	0.00014	6.60	0.0125	<0.00004	2.0	<0.000005	1.34	0.0452	<10	<0.00002	0.000006
	HC-41	0.00052	<0.00001	0.005	0.00017	0.00016	7.13	0.0144	<0.00004	2.2	<0.000005	1.23	0.0539	<10	<0.00002	0.000007
	HC-41	0.00064	<0.00001	0.004	0.00023	0.00007	7.62	0.0155	<0.00004	2.1	<0.000005	1.09	0.0657	<10	<0.00002	0.000010
	HC-41	0.00132	<0.00001	0.005	0.00026	0.00018	7.03	0.0146	<0.00004	1.6	<0.000005	0.93	0.0657	<10	<0.00002	0.000014
	HC-41															
	HC-41	0.00072	<0.00001	0.004	0.00032	0.00023	8.21	0.0154	<0.00004	2.1	<0.000005	0.85	0.0697	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00077	0.00001	0.004	0.00035	0.00016	7.66	0.0142	<0.00004	2.0	<0.000005	0.65	0.0661	<10	0.00003	0.000012
	HC-41															
	HC-41	0.00083	<0.00001	0.005	0.00033	0.00011	6.77	0.0136	<0.00004	1.8	<0.000005	0.55	0.0654	<10	<0.00002	0.000009
	HC-41															
	HC-41	0.00064	<0.00001	0.003	0.00030	0.00011	5.95	0.0126	<0.00004	2.3	<0.000005	0.47	0.0631	<10	0.00002	0.000007
	HC-41															
	HC-41	0.00074	<0.00001	0.003	0.00027	0.00016	4.97	0.0113	<0.00004	1.4	<0.000005	0.38	0.0563	<10	<0.00002	0.000007
	HC-41															
	HC-41	0.00070	<0.00001	0.008	0.00026	0.00009	5.42	0.0123	<0.00004	1.5	<0.000005	0.40	0.0606	<10	<0.00002	0.000007
	HC-41															
	HC-41	0.00057	<0.00001	0.005	0.00022	0.00010	4.57	0.0104	<0.00004	1.6	<0.000005	0.33	0.0549	<10	<0.00002	0.000006
	HC-41															
	HC-41	0.00054	<0.00001	0.006	0.00027	0.00017	4.89	0.0116	<0.00004	1.6	<0.000005	0.35	0.0575	<10	<0.00002	0.000007
	HC-41															
	HC-41	0.00050	<0.00001	0.006	0.00024	0.00011	4.30	0.0105	<0.00004	1.5	<0.000005	0.31	0.0519	<10	<0.00002	0.000006
	HC-41															
	HC-41	0.00051	<0.00001	0.006	0.00019	0.00017	3.52	0.00825	<0.00004	1.7	<0.000005	0.23	0.0462	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00050	<0.00001	0.009	0.00022	0.00007	3.77	0.00920	<0.00004	1.4	<0.000005	0.26	0.0477	<10	<0.00002	0.000006
	HC-41															
	HC-41	0.00052	<0.00001	0.008	0.00024	0.00019	3.84	0.00951	<0.00004	1.6	<0.000005	0.25	0.0506	<10	<0.00002	0.000006
	HC-41															
	HC-41	0.00056	<0.00001	0.006	0.00024	0.00018	3.70	0.00945	<0.00004	1.3	<0.000005	0.23	0.0490	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00052	<0.00001	0.004	0.00023	0.00012	3.92	0.00959	0.00004	1.6	<0.000005	0.26	0.0516	<10	<0.00002	0.000007
	HC-41															
	HC-41	0.00049	<0.00001	0.007	0.00024	0.00012	3.74	0.00941	0.00005	1.7	<0.000005	0.23	0.0498	<10	<0.00002	0.000006
	HC-41															
	HC-41	0.00047	<0.00001	0.005	0.00022	0.00005	3.79	0.00980	<0.00004	1.6	<0.000005	0.22	0.0510	<10	<0.00002	0.000006
	HC-41															
	HC-41	0.00064	<0.00001	0.006	0.00016	0.00012	3.08	0.00795	<0.00004	1.2	<0.000005	0.18	0.0453	<10	<0.00002	0.000005

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41	0.000008	<0.0002	0.0011	0.00220	0.00243	0.0012	0.0002	<0.0001	<0.002				1.15	0.985	7.73
	HC-41	<0.000005	<0.0002	0.0010	0.00109	0.00211	0.0011	0.0002	<0.0001	<0.002				0.819	0.736	5.34
	HC-41	<0.000005	<0.0002	0.0011	0.00110	0.00290	0.0022	0.0003	<0.0001	<0.002				0.811	1.04	-12.3
	HC-41	<0.000005	<0.0002	0.0006	0.00069	0.00163	0.0016	0.0001	<0.0001	<0.002				0.714	0.727	-0.900
	HC-41	0.000005	<0.0002	0.0014	0.00059	0.00154	0.0019	<0.0001	<0.0001	<0.002				0.694	0.728	-2.39
	HC-41	<0.000005	<0.0002	0.0006	0.00045	0.00119	0.0008	0.0004	<0.0001	0.005				0.534	0.546	-1.11
	HC-41	0.000009	<0.0002	0.0006	0.00043	0.00109	0.0007	0.0005	0.0004	<0.002				0.518	0.528	-0.960
	HC-41	<0.000005	<0.0002	0.0006	0.00043	0.00130	0.0009	0.0003	<0.0001	<0.002				0.651	0.624	2.12
	HC-41	<0.000005	<0.0002	<0.0005	0.00034	0.000863	0.0008	0.0048	<0.0001	<0.002				0.547	0.515	3.01
	HC-41	<0.000005	<0.0002	<0.0005	0.00032	0.000960	0.0011	0.0001	<0.0001	<0.002				0.563	0.548	1.35
	HC-41	<0.000005	<0.0002	<0.0005	0.00032	0.000927	0.0010	0.0022	<0.0001	<0.002				0.512	0.509	0.290
	HC-41	<0.000005	<0.0002	<0.0005	0.00028	0.000933	0.0011	<0.0001	<0.0001	<0.002				0.542	0.588	-4.07
	HC-41	<0.000005	<0.0002	<0.0005	0.00027	0.000887	0.0012	0.0002	<0.0001	<0.002				0.620	0.640	-1.59
	HC-41	<0.000005	<0.0002	0.0005	0.00025	0.000756	0.0007	0.0012	<0.0001	<0.002				0.651	0.677	-1.96
	HC-41	<0.000005	<0.0002	<0.0005	0.00022	0.000693	0.0007	0.0002	<0.0001	<0.002				0.772	0.779	-0.450
	HC-41	<0.000005	<0.0002	0.0005	0.00022	0.000621	0.0006	0.0001	<0.0001	<0.002				0.883	0.909	-1.45
	HC-41	<0.000005	<0.0002	<0.0005	0.00017	0.000521	0.0005	0.0004	<0.0001	<0.002				0.772	0.837	-4.04
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00020	0.000606	0.0005	0.0004	<0.0001	<0.002				0.935	0.965	-1.58
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00019	0.000520	0.0005	0.0002	<0.0001	<0.002				0.868	0.898	-1.70
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00017	0.000440	0.0003	0.0017	<0.0001	<0.002				0.776	0.835	-3.66
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00018	0.000426	0.0004	0.0004	<0.0001	<0.002				0.677	0.831	-10.2
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00015	0.000376	0.0003	0.0006	<0.0001	<0.002				0.647	0.661	-1.07
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00016	0.000394	0.0003	0.0004	<0.0001	<0.002				0.621	0.689	-5.19
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00016	0.000327	0.0003	0.0006	<0.0001	<0.002				0.578	0.618	-3.34
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00017	0.000328	0.0003	0.0001	<0.0001	<0.002				0.556	0.666	-9.00
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00017	0.000273	0.0003	0.0016	<0.0001	<0.002				0.533	0.571	-3.44
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00015	0.000165	0.0003	0.0003	<0.0001	<0.002				0.490	0.534	-4.30
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00014	0.000192	0.0008	0.0007	<0.0001	<0.002				0.50	0.53	-3.11
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00015	0.000187	0.0002	0.0003	<0.0001	<0.002				0.51	0.55	-3.61
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00012	0.000169	0.0007	0.0008	<0.0001	<0.002				0.50	0.53	-2.84
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00012	0.000195	<0.0002	0.0003	<0.0001	<0.002				0.52	0.56	-3.25
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00012	0.000142	<0.0002	0.0015	<0.0001	<0.002				0.50	0.54	-3.26
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00011	0.000156	0.0007	0.0002	<0.0001	<0.002				0.48	0.55	-6.96
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00008	0.000126	0.0004	0.0005	<0.0001	<0.002				0.44	0.48	-4.43

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		54	14-Dec-15	500	490	7.51	64
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		55	21-Dec-15	500	490	7.46	60
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		56	28-Dec-15	500	485	7.49	63
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		57	04-Jan-16	500	495	7.45	53
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		58	11-Jan-16	500	490	7.44	58
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		59	18-Jan-16	500	485	7.43	60
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		60	25-Jan-16	500	480	7.47	67
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		61	01-Feb-16	500	495	7.34	67
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		62	08-Feb-16	500	495	7.25	70
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		63	15-Feb-16	500	485	7.43	93
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		64	22-Feb-16	500	490	7.28	91
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		65	29-Feb-16	500	490	7.26	93
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		66	07-Mar-16	500	480	7.30	99
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		67	14-Mar-16	500	485	7.28	91
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		68	21-Mar-16	500	495	7.26	87
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		69	28-Mar-16	500	470	7.12	107
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		70	04-Apr-16	500	495	7.08	90
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		71	11-Apr-16	500	495	7.14	100
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		72	18-Apr-16	500	485	7.12	106
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		73	25-Apr-16	500	485	7.05	113
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		74	02-May-16	500	475	7.19	69
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		75	09-May-16	500	485	6.89	103
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		76	16-May-16	500	490	6.93	103
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		77	23-May-16	500	490	6.79	112
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		78	30-May-16	500	465	6.84	99
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		79	06-Jun-16	500	490	6.80	107
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		80	13-Jun-16	500	485	6.90	116
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		81	20-Jun-16	500	490	6.80	110
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		82	27-Jun-16	500	490	6.88	115
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		83	04-Jul-16	500	495	6.80	101
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		84	11-Jul-16	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		85	18-Jul-16	500	490	6.53	124
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		86	25-Jul-16	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		87	01-Aug-16	500	485	6.43	167
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		88	08-Aug-16	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		89	15-Aug-16	500	495	6.45	98
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		90	22-Aug-16	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		91	29-Aug-16	500	475	6.58	99
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		92	05-Sep-16	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		93	12-Sep-16	500	490	6.56	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		94	19-Sep-16	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		95	26-Sep-16	500	475	6.59	87
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		96	03-Oct-16	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		97	10-Oct-16	500	475	6.58	89
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		98	17-Oct-16	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		99	24-Oct-16	500	480	6.35	112
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		100	31-Oct-16	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		101	07-Nov-16	500	490	6.51	79
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		102	14-Nov-16	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		103	21-Nov-16	500	490	6.44	75
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		104	29-Nov-16	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41	115															
	HC-41	125	14.2	<0.5	<0.5	8.6	<0.05		0.5					21.6	0.0988	<0.00002	0.00078
	HC-41	120															
	HC-41	130	13.3	<0.5	<0.5	7.9	<0.05		<0.5					18.5	0.0911	<0.00002	0.00080
	HC-41	125															
	HC-41	130	14.7	<0.5	<0.5	8.2	<0.05		<0.5					20.2	0.0929	<0.00002	0.00084
	HC-41	140															
	HC-41	145	17.0	<0.5	<0.5	8.3	<0.05		<0.5					23.2	0.0756	<0.00002	0.00052
	HC-41	125															
	HC-41	140	25.5	<0.5	<0.5	8.2	<0.05		<0.5					30.5	0.0886	<0.00002	0.00069
	HC-41	110															
	HC-41	130	27.6	<0.5	<0.5	7.3	<0.05		<0.5					30.9	0.0395	<0.00002	0.00013
	HC-41	125															
	HC-41	130	27.6	<0.5	0.5	7.6	<0.05		<0.5					31.4	0.0449	<0.00002	0.00012
	HC-41	110															
	HC-41	120	33.5	<0.5	<0.5	5.7	<0.05		<0.5					36.0	0.0350	<0.00002	0.00015
	HC-41	120															
	HC-41	130	32.4	<0.5	0.6	5.1	<0.05		<0.5					35.8	0.0236	<0.00002	0.00008
	HC-41	130															
	HC-41	130	33.3	<0.5	<0.5	5.1	<0.05		0.8					38.4	0.0228	<0.00002	0.00009
	HC-41	125															
	HC-41	120	32.5	<0.5	0.8	5.1	0.05		1.0					33.5	0.0159	<0.00002	0.00010
	HC-41	125															
	HC-41	120	39.2	<0.5	2.0	3.7	0.06		0.6					38.2	0.0175	<0.00002	0.00014
	HC-41	120															
	HC-41	125	35.6	<0.5	2.3	4.0	0.08		1.0					34.3	0.0077	<0.00002	0.00010
	HC-41	125															
	HC-41	120	35.6	<0.5	3.1	2.5	0.08		0.9					34.2	0.0070	<0.00002	0.00008
	HC-41	140															
	HC-41	120	34.2	<0.5	4.0	1.5	0.09		1.0					31.9	0.0056	<0.00002	0.00010
	HC-41																
	HC-41	115															
	HC-41																
	HC-41	110	64.9	<0.5	4.5	0.8	0.06		<0.5					51.1	0.0057	<0.00002	0.00011
	HC-41																
	HC-41	100															
	HC-41																
	HC-41	90	45.6	<0.5	2.7	1.3	0.10		0.7					28.1	0.0060	<0.00002	0.00009
	HC-41																
	HC-41	80															
	HC-41																
	HC-41	110	30.6	<0.5	3.3	1.6	0.13		0.8					25.9	0.0067	<0.00002	0.00009
	HC-41																
	HC-41	120															
	HC-41																
	HC-41	130	38.1	<0.5	2.8	0.9	0.10		0.7					30.8	0.0104	<0.00002	0.00009
	HC-41																
	HC-41	135															
	HC-41																
	HC-41	150	24.2	<0.5	2.7	1.5	0.12		<0.5					21.8	0.0060	<0.00002	0.00008
	HC-41																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41															
	HC-41	0.00703	<0.00001	<0.000005	<0.05	0.00108	<0.000005	7.97	<0.0001	0.000009	0.00009	<0.00005	0.019	<0.000005	0.0042	0.42
	HC-41															
	HC-41	0.00668	<0.00001	<0.000005	<0.05	0.00102	<0.000005	6.79	<0.0001	0.000014	0.00014	<0.00005	0.009	0.000052	0.0036	0.37
	HC-41															
	HC-41	0.00688	<0.00001	<0.000005	<0.05	0.00106	<0.000005	7.37	<0.0001	0.000015	0.00016	<0.00005	0.009	0.000009	0.0036	0.43
	HC-41															
	HC-41	0.00956	<0.00001	<0.000005	<0.05	0.00116	<0.000005	8.36	<0.0001	0.000060	<0.00005	<0.00005	0.022	0.000005	0.0046	0.56
	HC-41															
	HC-41	0.01130	<0.00001	<0.000005	<0.05	0.00140	<0.000005	11.1	<0.0001	0.000033	0.00023	<0.00005	0.026	0.000015	0.0054	0.69
	HC-41															
	HC-41	0.0135	<0.00001	<0.000005	<0.05	0.00145	<0.000005	11.1	<0.0001	0.000187	0.00011	<0.00005	0.112	0.000007	0.0049	0.78
	HC-41															
	HC-41	0.0152	<0.00001	<0.000005	<0.05	0.00148	0.000012	11.2	<0.0001	0.000327	0.00013	<0.00005	0.161	<0.000005	0.0054	0.84
	HC-41															
	HC-41	0.0190	<0.00001	<0.000005	<0.05	0.00168	<0.000005	12.8	<0.0001	0.000421	0.00021	0.00007	0.291	<0.000005	0.0058	0.99
	HC-41															
	HC-41	0.0213	<0.00001	<0.000005	<0.05	0.00169	0.000005	12.7	<0.0001	0.000512	0.00015	<0.00005	0.475	0.000006	0.0059	1.00
	HC-41															
	HC-41	0.0238	<0.00001	<0.000005	<0.05	0.00190	<0.000005	13.4	<0.0001	0.000553	0.00015	0.00016	0.435	0.000016	0.0062	1.22
	HC-41															
	HC-41	0.0225	<0.00001	<0.000005	<0.05	0.00194	0.000005	11.6	<0.0001	0.000749	0.00010	<0.00005	0.88	<0.000005	0.0060	1.09
	HC-41															
	HC-41	0.0263	<0.00001	<0.000005	<0.05	0.00220	0.000010	13.1	<0.0001	0.000983	0.00008	<0.00005	1.65	0.000006	0.0069	1.32
	HC-41															
	HC-41	0.0246	<0.00001	<0.000005	<0.05	0.00212	0.000012	11.7	<0.0001	0.000954	0.00010	<0.00005	1.33	0.000039	0.0060	1.23
	HC-41															
	HC-41	0.0253	<0.00001	<0.000005	<0.05	0.00225	0.000008	11.6	<0.0001	0.000996	<0.00005	0.00006	1.64	<0.000005	0.0062	1.28
	HC-41															
	HC-41	0.0252	<0.00001	<0.000005	<0.05	0.00233	0.000009	10.9	<0.0001	0.001000	0.00011	0.00007	1.78	0.000009	0.0058	1.16
	HC-41															
	HC-41															
	HC-41	0.0375	<0.00001	<0.000005	<0.05	0.00333	0.000023	17.5	<0.0001	0.001540	0.00030	0.00039	2.83	0.000009	0.0082	1.82
	HC-41															
	HC-41															
	HC-41	0.0232	<0.00001	<0.000005	<0.05	0.00257	0.000011	9.5	<0.0001	0.000996	0.00068	0.00011	1.78	0.000005	0.0061	1.05
	HC-41															
	HC-41	0.0260	<0.00001	<0.000005	<0.05	0.00247	0.000013	8.80	<0.0001	0.00114	0.00024	0.00010	1.75	<0.000005	0.0058	0.95
	HC-41															
	HC-41															
	HC-41	0.0289	0.00001	<0.000005	<0.05	0.00288	0.000011	10.4	<0.0001	0.000741	0.00083	0.00033	2.04	0.000037	0.0060	1.17
	HC-41															
	HC-41															
	HC-41	0.0208	<0.00001	<0.000005	<0.05	0.00241	0.000009	7.48	<0.0001	0.00069	0.00044	0.00009	1.30	<0.000005	0.0051	0.76
	HC-41															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41															
	HC-41	0.00074	<0.00001	0.004	0.00019	0.00008	3.53	0.00924	0.00004	1.5	<0.000005	0.21	0.0565	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00111	<0.00001	0.002	0.00017	0.00014	3.22	0.00868	<0.00004	1.4	<0.000005	0.18	0.0457	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00257	<0.00001	<0.002	0.00016	0.00009	3.42	0.00905	0.00005	1.6	<0.000005	0.18	0.0496	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00950	<0.00001	0.004	0.00015	0.00019	3.36	0.00959	0.00005	1.7	<0.000005	0.18	0.0564	<10	<0.00002	0.000005
	HC-41															
	HC-41	0.00584	<0.00001	0.003	0.00016	0.00016	4.44	0.01140	0.00006	1.9	<0.000005	0.21	0.0745	<10	<0.00002	0.000008
	HC-41															
	HC-41	0.0137	<0.00001	0.002	0.00012	0.00045	4.20	0.0122	0.00009	1.8	<0.000005	0.20	0.0780	<10	<0.00002	0.000007
	HC-41															
	HC-41	0.0165	<0.00001	<0.002	0.00012	0.00075	4.08	0.0117	0.00007	2.0	<0.000005	0.20	0.0761	<10	<0.00002	0.000010
	HC-41															
	HC-41	0.0212	<0.00001	<0.002	0.00013	0.00093	4.79	0.0134	0.00014	2.2	<0.000005	0.23	0.0987	12	<0.00002	0.000008
	HC-41															
	HC-41	0.0278	<0.00001	<0.002	0.00011	0.00140	4.93	0.0139	0.00014	2.3	<0.000005	0.21	0.0947	11	<0.00002	0.000008
	HC-41															
	HC-41	0.0321	<0.00001	<0.002	0.00010	0.00131	5.35	0.0148	0.00015	2.8	<0.000005	0.24	0.106	12	<0.00002	0.000007
	HC-41															
	HC-41	0.0365	<0.00001	<0.002	0.00009	0.00167	4.84	0.0144	0.00015	2.9	<0.000005	0.20	0.0937	11	<0.00002	0.000008
	HC-41															
	HC-41	0.0444	<0.00001	<0.002	0.00010	0.00236	4.83	0.0156	0.00015	3.1	<0.000005	0.21	0.110	13	<0.00002	0.000009
	HC-41															
	HC-41	0.0391	<0.00001	<0.002	0.00011	0.00219	4.52	0.0138	0.00013	2.8	<0.000005	0.19	0.0954	12	<0.00002	0.000007
	HC-41															
	HC-41	0.0400	<0.00001	0.003	0.00009	0.00230	4.71	0.0154	0.00012	2.9	<0.000005	0.19	0.1000	12	<0.00002	0.000007
	HC-41															
	HC-41	0.0372	<0.00001	0.002	0.00007	0.00242	4.31	0.0147	0.00011	3.0	<0.000005	0.16	0.093	12	0.00003	0.000011
	HC-41															
	HC-41															
	HC-41	0.1080	<0.00001	0.006	<0.00005	0.00392	6.31	0.0196	0.00013	3.5	<0.000005	0.23	0.156	20	0.00003	0.000014
	HC-41															
	HC-41															
	HC-41	0.0530	<0.00001	0.012	<0.00005	0.00227	4.20	0.0141	0.00011	3.6	<0.000005	0.16	0.093	12	<0.00002	0.000005
	HC-41															
	HC-41	0.0391	<0.00001	0.003	<0.00005	0.00227	3.86	0.0134	0.00009	3.3	<0.000005	0.15	0.0816	<10	<0.00002	0.000009
	HC-41															
	HC-41															
	HC-41	0.0475	<0.00001	0.005	<0.00005	0.00190	4.20	0.0145	0.00010	3.8	<0.000005	0.16	0.104	13	<0.00002	0.000009
	HC-41															
	HC-41															
	HC-41	0.0288	<0.00001	<0.002	<0.00005	0.00149	3.54	0.0129	0.00007	3.3	<0.000005	0.12	0.0723	<10	<0.00002	0.000006
	HC-41															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00009	0.000126	<0.0002	0.0001	<0.0001	<0.002				0.48	0.54	-5.85
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00009	0.000101	0.0003	0.0003	<0.0001	<0.002				0.43	0.47	-3.98
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00009	0.000103	0.0004	0.0003	<0.0001	<0.002				0.47	0.51	-3.88
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00009	0.000079	<0.0002	0.0011	<0.0001	<0.002				0.52	0.57	-4.42
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00007	0.000090	<0.0002	0.0003	<0.0001	<0.002				0.69	0.74	-3.41
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00005	0.000067	<0.0002	0.0007	<0.0001	<0.002				0.720	0.743	-1.57
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00005	0.000075	<0.0002	0.0006	<0.0001	<0.002				0.728	0.753	-1.69
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00004	0.000067	<0.0002	0.0003	<0.0001	<0.002				0.812	0.867	-3.28
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00004	0.000041	0.0002	0.0010	<0.0001	0.003				0.776	0.871	-5.77
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00004	0.000066	<0.0002	0.0015	<0.0001	<0.002				0.818	0.934	-6.62
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00003	0.000035	<0.0002	0.0007	<0.0001	<0.002				0.81	0.84	-1.76
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00002	0.000034	<0.0002	0.0009	<0.0001	<0.002				0.91	0.96	-2.62
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0008	<0.0001	<0.002				0.86	0.86	-0.18
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000036	<0.0002	0.0009	<0.0001	<0.002				0.82	0.87	-3.01
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000027	<0.0002	0.0012	<0.0001	<0.002				0.78	0.82	-2.88
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	<0.0002	0.0018	<0.0001	<0.002				1.37	1.40	-0.98
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0015	<0.0001	<0.002				1.00	0.74	14.80
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	<0.0002	0.0014	<0.0001	<0.002				0.70	0.69	0.79
	HC-41															
	HC-41															
	HC-41	<0.000005	0.0004	<0.0005	<0.00001	0.000019	<0.0002	0.0017	<0.0001	<0.002				0.84	0.81	1.71
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0010	<0.0001	<0.002				0.54	0.58	-3.66
	HC-41															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		105	05-Dec-16	500	460	6.33	69
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		106	12-Dec-16	500	440		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		107	19-Dec-16	500	480	6.16	93
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		108	26-Dec-16	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		109	02-Jan-17	500	450	6.50	107
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		110	10-Jan-17	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		111	16-Jan-17	500	490	6.35	92
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		112	23-Jan-17	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		113	30-Jan-17	500	475	6.36	74
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		114	06-Feb-17	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		115	13-Feb-17	500	490	6.30	73
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		116	20-Feb-17	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		117	27-Feb-17	500	475	6.34	66
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		118	06-Mar-17	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		119	13-Mar-17	500	490	6.27	63
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		120	20-Mar-17	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		121	27-Mar-17	500	480	6.21	93
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		122	03-Apr-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		123	10-Apr-17	500	490	6.14	81
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		124	17-Apr-17	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		125	24-Apr-17	500	490	6.20	65
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		126	01-May-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		127	08-May-17	500	490	5.96	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		128	15-May-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		129	22-May-17	500	490	5.95	81
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		130	29-May-17	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		131	05-Jun-17	500	475	5.55	95
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		132	12-Jun-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		133	19-Jun-17	500	490	5.70	79
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		134	26-Jun-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		135	03-Jul-17	500	495	5.93	74
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		136	10-Jul-17	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		137	17-Jul-17	500	485	5.72	60
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		138	24-Jul-17	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		139	31-Jul-17	500	495	5.68	59
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		140	7-Aug-17	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		141	14-Aug-17	500	495	5.68	52
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		142	21-Aug-17	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		143	28-Aug-17	500	495	5.75	53
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		144	4-Sep-17	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		145	11-Sep-17	500	490	5.70	50
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		146	18-Sep-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		147	25-Sep-17	500	490	5.85	54
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		148	02-Oct-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		149	09-Oct-17	500	485	5.53	53
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		150	16-Oct-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		151	23-Oct-17	500	490	5.70	52
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		152	30-Oct-17	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		153	06-Nov-17	500	450	5.28	92.0
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		154	13-Nov-17	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		155	20-Nov-17	500	455	5.32	63

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41	120															
	HC-41																
	HC-41	120	32.7	<0.5	7.6	1.4	0.08		<0.5					24.8	0.0054	<0.00002	0.00015
	HC-41																
	HC-41	120															
	HC-41																
	HC-41	120	31.8	<0.5	4.0	0.8	0.12		1.5					26.7	0.0159	<0.00002	0.00012
	HC-41																
	HC-41	130															
	HC-41																
	HC-41	130	23.1	<0.5	2.7	1.3	0.16		<0.5					21.5	0.0194	<0.00002	0.00012
	HC-41																
	HC-41	140															
	HC-41																
	HC-41	130	21.7	<0.5	2.0	0.5	0.17		1.1					18.6	0.0166	<0.00002	0.00011
	HC-41																
	HC-41	140															
	HC-41																
	HC-41	160	30.2	<0.5	4.0	<0.5	0.16		<0.5					25.5	0.0227	<0.00002	0.00012
	HC-41																
	HC-41	150															
	HC-41																
	HC-41	170	28.9	<0.5	4.7	0.6	0.16		0.8					23.0	0.0311	<0.00002	0.00016
	HC-41																
	HC-41	140															
	HC-41																
	HC-41	165	34.1	<0.5	9.0	0.6	0.13		<0.5					24.2	0.0510	<0.00002	0.00016
	HC-41																
	HC-41	180															
	HC-41																
	HC-41	180	24.3	<0.5	7.8	<0.5	0.15		<0.5					18.5	0.0488	<0.00002	0.00012
	HC-41																
	HC-41	180															
	HC-41																
	HC-41	170	18.6	<0.5	4.9	<0.5	0.16		<0.5					15.2	0.0439	<0.00002	0.00011
	HC-41																
	HC-41	150															
	HC-41																
	HC-41	150	18.4	<0.5	3.3	<0.5	0.16		<0.5					13.8	0.0349	<0.00002	0.00008
	HC-41																
	HC-41	150															
	HC-41																
	HC-41	170	18.4	<0.5	3.0	0.8	0.17		0.6					14.3	0.0280	<0.00002	0.00008
	HC-41																
	HC-41	175															
	HC-41																
	HC-41	200	18.8	<0.5	3.7	0.6	0.16		0.5					14.0	0.0281	<0.00002	0.00007
	HC-41																
	HC-41	220															
	HC-41																
	HC-41	200	22.0	<0.5	4.8	1.1	0.13		<0.5					16.8	0.0429	<0.00002	0.00010

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41															
	HC-41															
	HC-41	0.0192	0.00001	<0.000005	<0.05	0.00344	0.000011	8.24	<0.0001	0.00131	0.00058	0.00023	3.38	<0.000005	0.0061	1.03
	HC-41															
	HC-41															
	HC-41	0.0218	0.00002	<0.000005	<0.05	0.00307	0.000019	8.76	<0.0001	0.00069	0.00100	0.00028	2.05	0.000006	0.0069	1.17
	HC-41															
	HC-41	0.0224	0.00002	<0.000005	<0.05	0.00263	<0.000005	7.12	<0.0001	0.000509	0.00035	0.00014	1.24	0.000008	0.0063	0.89
	HC-41															
	HC-41	0.0213	<0.00001	<0.000005	<0.05	0.00233	0.000012	6.23	<0.0001	0.000469	0.00033	0.00011	1.05	0.000007	0.0052	0.75
	HC-41															
	HC-41	0.0295	0.00002	<0.000005	<0.05	0.00311	0.000005	8.56	<0.0001	0.000542	0.00032	0.00027	2.09	0.000020	0.0051	1.00
	HC-41															
	HC-41	0.0294	<0.00001	<0.000005	<0.05	0.00299	0.000007	7.72	<0.0001	0.000470	0.00026	0.00028	2.24	0.000015	0.0053	0.89
	HC-41															
	HC-41	0.0339	0.00003	<0.000005	<0.05	0.00352	0.000007	8.10	<0.0001	0.000910	0.00037	0.00050	3.73	<0.000005	0.0051	0.96
	HC-41															
	HC-41	0.0229	0.00003	<0.000005	<0.05	0.00278	0.000005	6.22	<0.0001	0.000575	0.00038	0.00024	2.37	0.000012	0.0043	0.73
	HC-41															
	HC-41	0.0195	0.00003	<0.000005	<0.05	0.00222	0.000011	5.1	<0.0001	0.000536	0.00049	0.00014	1.57	0.000005	0.0042	0.61
	HC-41															
	HC-41	0.0189	0.00002	<0.000005	<0.05	0.00212	0.000009	4.65	<0.0001	0.000413	0.00033	0.00011	1.29	0.000006	0.0037	0.53
	HC-41															
	HC-41	0.0196	0.00002	<0.000005	<0.05	0.00222	0.000011	4.80	<0.0001	0.000369	0.00025	0.00010	1.24	0.000009	0.0037	0.57
	HC-41															
	HC-41	0.0186	0.00002	<0.000005	<0.05	0.00210	<0.000005	4.65	<0.0001	0.000389	0.00038	0.00011	1.16	<0.000005	0.0034	0.57
	HC-41															
	HC-41	0.0270	0.00003	<0.000005	<0.05	0.00280	0.000005	5.67	<0.0001	0.000596	0.00037	0.00019	1.97	0.000056	0.0034	0.65

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41															
	HC-41															
	HC-41	0.0619	<0.00001	0.017	<0.00005	0.00458	3.97	0.0148	0.00009	3.5	<0.000005	0.14	0.081	11	0.00003	0.000014
	HC-41															
	HC-41															
	HC-41	0.0530	<0.00001	0.003	<0.00005	0.00224	3.77	0.0139	0.00008	3.6	0.000005	0.16	0.0893	10	0.00002	0.000008
	HC-41															
	HC-41															
	HC-41	0.0346	<0.00001	0.003	<0.00005	0.00134	3.15	0.0125	0.00005	3.5	<0.000005	0.11	0.0756	<10	<0.00002	0.000007
	HC-41															
	HC-41															
	HC-41	0.0289	<0.00001	0.002	<0.00005	0.00117	2.84	0.0113	0.00004	3.7	<0.000005	0.09	0.0648	<10	0.00004	0.000005
	HC-41															
	HC-41															
	HC-41	0.0413	<0.00001	<0.002	<0.00005	0.00140	3.81	0.0146	0.00008	4.0	<0.000005	0.11	0.0869	11	<0.00002	0.000006
	HC-41															
	HC-41															
	HC-41	0.0388	0.00002	<0.002	<0.00005	0.00124	3.60	0.0140	0.00007	3.9	<0.000005	0.13	0.0781	10	<0.00002	0.000006
	HC-41															
	HC-41															
	HC-41	0.0491	<0.00001	<0.002	<0.00005	0.00274	3.95	0.0161	0.00009	3.8	<0.000005	0.10	0.0838	12	<0.00002	0.000008
	HC-41															
	HC-41															
	HC-41	0.0328	<0.00001	0.005	<0.00005	0.00140	2.85	0.0119	<0.00004	3.7	<0.000005	0.09	0.0649	<10	<0.00002	0.000006
	HC-41															
	HC-41															
	HC-41	0.0251	<0.00001	0.01	<0.00005	0.00128	2.4	0.00954	0.00005	2.9	<0.000005	0.09	0.0518	<10	0.00005	0.000005
	HC-41															
	HC-41															
	HC-41	0.0228	<0.00001	0.007	<0.00005	0.00096	2.26	0.00923	<0.00004	3.4	<0.000005	0.08	0.0516	<10	<0.00002	0.000005
	HC-41															
	HC-41															
	HC-41	0.0231	<0.00001	0.006	<0.00005	0.00090	2.45	0.00955	0.00005	3.3	<0.000005	0.08	0.0505	<10	0.00003	0.000005
	HC-41															
	HC-41															
	HC-41	0.0227	<0.00001	0.005	<0.00005	0.00087	2.35	0.00955	0.00004	3.0	<0.000005	0.08	0.0518	<10	<0.00002	0.000005
	HC-41															
	HC-41															
	HC-41	0.0316	<0.00001	0.005	<0.00005	0.00144	3.02	0.0126	0.00005	3.4	<0.000005	0.07	0.0607	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0028	<0.0001	<0.002				0.71	0.73	-1.11
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000029	<0.0002	0.0100	<0.0001	<0.002				0.73	0.72	0.76
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0009	<0.0001	<0.002				0.51	0.56	-4.55
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0014	<0.0001	<0.002				0.50	0.49	1.01
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000022	<0.0002	0.0037	<0.0001	<0.002				0.64	0.69	-4.06
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	<0.0002	0.0013	<0.0001	<0.002				0.65	0.64	0.16
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000049	<0.0002	0.0018	<0.0001	<0.002				0.73	0.73	-0.21
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000031	<0.0002	0.0016	<0.0001	<0.002				0.51	0.54	-2.47
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	<0.0002	0.0015	<0.0001	<0.002				0.40	0.43	-4.45
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000017	<0.0002	0.0011	<0.0001	<0.002				0.39	0.39	0.26
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	<0.0002	0.0016	<0.0001	<0.002				0.42	0.40	2.66
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0008	<0.0001	<0.002				0.43	0.39	4.41
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	<0.0002	0.0011	<0.0001	<0.002				0.49	0.50	-1.12

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		156	27-Nov-17	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		157	04-Dec-17	500	480	5.28	69
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		158	11-Dec-17	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		159	18-Dec-17	500	475	5.06	82
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		160	25-Dec-17	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		161	01-Jan-18	500	470	4.96	91
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		162	08-Jan-18	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		163	15-Jan-18	500	465	4.73	108
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		164	22-Jan-18	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		165	29-Jan-18	500	485	4.67	94
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		166	05-Feb-18	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		167	12-Feb-18	500	485	4.49	111
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		168	19-Feb-18	500	450		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		169	26-Feb-18	500	490	4.60	98
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		170	05-Mar-18	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		171	12-Mar-18	500	480	4.55	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		172	19-Mar-18	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		173	26-Mar-18	500	465	4.59	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		174	02-Apr-18	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		175	09-Apr-18	500	485	4.59	71
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		176	16-Apr-18	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		177	23-Apr-18	500	470	4.55	91
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		178	30-Apr-18	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		179	07-May-18	500	480	4.51	79
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		180	14-May-18	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		181	21-May-18	500	490	4.46	100
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		182	28-May-18	500	465		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		183	04-Jun-18	500	470	4.34	123
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		184	11-Jun-18	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		185	18-Jun-18	500	465	4.32	101
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		186	25-Jun-18	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		187	02-Jul-18	500	490	4.28	87
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		188	09-Jul-18	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		189	16-Jul-18	500	460	4.18	132
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		190	23-Jul-18	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		191	30-Jul-18	500	475	4.33	91
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		192	06-Aug-18	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		193	13-Aug-18	500	470	4.17	121
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		194	20-Aug-18	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		195	27-Aug-18	500	475	4.26	98
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		196	03-Sep-18	500	455		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		197	10-Sep-18	500	490	4.26	97
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		198	17-Sep-18	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		199	24-Sep-18	500	475	4.24	96
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		200	01-Oct-18	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		201	08-Oct-18	500	480	4.25	98
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		202	15-Oct-18	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		203	22-Oct-18	500	470	4.28	96
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		204	29-Oct-18	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		205	05-Nov-18	500	470	4.28	102
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		206	12-Nov-18	500	430		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41																
	HC-41	220															
	HC-41																
	HC-41	225	27.8	<0.5	8.4	0.9	0.16		0.6					19.3	0.0795	<0.00002	0.00013
	HC-41	235															
	HC-41	240	36.3	<0.5	11.5	<0.5	0.15		0.6					24.7	0.1190	<0.00002	0.00013
	HC-41	240															
	HC-41	200	39.0	<0.5	13.1	<0.5	0.17		<0.5					23.6	0.1520	<0.00002	0.00010
	HC-41	200															
	HC-41	220	25.9	<0.5	11.8	<0.5	0.16		0.7					16.8	0.143	<0.00002	0.00007
	HC-41	210															
	HC-41	200	21.9	<0.5	8.1	<0.5	0.17		<0.5					16.3	0.127	<0.00002	0.00008
	HC-41	190															
	HC-41	200	23.1	<0.5	8.4	<0.5	0.17		1.4					17.7	0.147	<0.00002	0.00008
	HC-41	210															
	HC-41	210	43.3	0.5	16	<0.5	0.2		<0.5					24.9	0.217	<0.00002	0.00009
	HC-41	210															
	HC-41	280	26.3	<0.5	9.9	<0.5	0.16		<0.5					15.9	0.162	<0.00002	0.00005
	HC-41	230															
	HC-41	230	31.1	0.9	11.3	<0.5	0.21		<0.5					18.7	0.213	<0.00002	0.00008
	HC-41	250															
	HC-41	240	29.4	<0.5	11.9	<0.5	0.24		<0.5					18.8	0.250	<0.00002	0.00007
	HC-41	260															
	HC-41	280	26.9	<0.5	10.4	<0.5	0.24		<0.5					17.8	0.256	<0.00002	0.00005
	HC-41	270															
	HC-41	280	29.8	<0.5	9.9	<0.5	0.31		<0.5					18.1	0.307	<0.00002	0.00007
	HC-41	265															
	HC-41																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0427	0.00006	<0.000005	<0.05	0.00381	0.000009	6.54	<0.0001	0.00142	0.00182	0.00044	2.74	0.000029	0.0038	0.71
	HC-41															
	HC-41															
	HC-41	0.0637	0.00007	<0.000005	<0.05	0.00546	0.000016	8.21	<0.0001	0.002670	0.00220	0.00110	4.74	0.000048	0.0047	1.02
	HC-41															
	HC-41															
	HC-41	0.0557	0.00010	<0.000005	<0.05	0.00465	0.000029	7.86	<0.0001	0.002810	0.00341	0.00139	4.17	0.000184	0.0053	0.96
	HC-41															
	HC-41															
	HC-41	0.0344	0.00009	<0.000005	<0.05	0.00367	0.000013	5.43	<0.0001	0.00190	0.00245	0.00090	2.85	0.000062	0.0053	0.78
	HC-41															
	HC-41															
	HC-41	0.029	0.00008	<0.000005	<0.05	0.00341	0.000008	5.3	<0.0001	0.00160	0.00244	0.00075	2.08	0.000047	0.0047	0.75
	HC-41															
	HC-41															
	HC-41	0.0329	0.00009	<0.000005	<0.05	0.0037	0.000012	5.84	<0.0001	0.00183	0.00293	0.00098	2.17	0.000118	0.0044	0.77
	HC-41															
	HC-41															
	HC-41	0.0514	0.00013	<0.000005	<0.05	0.00531	0.00002	7.97	<0.0001	0.00394	0.00457	0.00296	4.82	0.000139	0.0053	1.2
	HC-41															
	HC-41															
	HC-41	0.0312	0.00010	<0.000005	<0.05	0.00337	0.000012	5.03	<0.0001	0.00194	0.00258	0.00157	2.31	0.000095	0.0044	0.80
	HC-41															
	HC-41															
	HC-41	0.0356	0.00013	<0.000005	<0.05	0.00381	0.000015	5.90	<0.0001	0.00229	0.00382	0.00251	3.00	0.000145	0.0052	0.95
	HC-41															
	HC-41															
	HC-41	0.0352	0.00015	<0.000005	<0.05	0.00443	0.000016	5.94	<0.0001	0.00244	0.00448	0.00385	2.81	0.000149	0.0061	0.97
	HC-41															
	HC-41															
	HC-41	0.0314	0.00014	<0.000005	<0.05	0.00368	0.000016	5.64	<0.0001	0.00223	0.00400	0.00399	2.25	0.000137	0.0049	0.9
	HC-41															
	HC-41															
	HC-41	0.0333	0.00015	<0.000005	<0.05	0.00373	0.000015	5.66	<0.0001	0.00233	0.00475	0.00446	2.53	0.000143	0.0052	0.95
	HC-41															
	HC-41															
	HC-41															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0393	<0.00001	<0.002	<0.00005	0.00358	3.47	0.0158	0.00008	3.3	<0.000005	0.08	0.0756	<10	<0.00002	0.000011
	HC-41															
	HC-41															
	HC-41	0.0619	<0.00001	0.006	<0.00005	0.00716	4.75	0.02160	0.00011	3.4	<0.000005	0.10	0.0939	13	0.00004	0.000015
	HC-41															
	HC-41															
	HC-41	0.0613	<0.00001	0.007	<0.00005	0.00700	3.90	0.0190	0.00009	3.4	<0.000005	0.11	0.0840	12	0.00005	0.000020
	HC-41															
	HC-41															
	HC-41	0.0489	<0.00001	0.004	<0.00005	0.00526	3.22	0.0157	0.00005	3.6	<0.000005	0.10	0.0678	<10	<0.00002	0.000018
	HC-41															
	HC-41															
	HC-41	0.0417	<0.00001	0.007	<0.00005	0.00384	2.85	0.0148	<0.00004	3.6	<0.000005	0.08	0.0616	<10	<0.00002	0.000011
	HC-41															
	HC-41															
	HC-41	0.0443	<0.00001	0.005	<0.00005	0.00434	2.87	0.0152	0.00004	3.5	<0.000005	0.08	0.0695	<10	<0.00002	0.000023
	HC-41															
	HC-41															
	HC-41	0.101	<0.00001	0.004	<0.00005	0.0117	4.29	0.0225	0.00008	3.6	<0.000005	0.08	0.0982	13	<0.00002	0.000033
	HC-41															
	HC-41															
	HC-41	0.0569	<0.00001	<0.002	<0.00005	0.00510	2.62	0.0147	0.00005	3.2	<0.000005	0.05	0.0655	<10	<0.00002	0.000019
	HC-41															
	HC-41															
	HC-41	0.0620	0.00001	<0.002	<0.00005	0.00576	3.00	0.0165	0.00005	3.6	<0.000005	0.07	0.0757	<10	<0.00002	0.000020
	HC-41															
	HC-41															
	HC-41	0.0603	<0.00001	<0.002	<0.00005	0.00631	3.11	0.0186	0.00005	3.8	<0.000005	0.05	0.0730	10	<0.00002	0.000026
	HC-41															
	HC-41															
	HC-41	0.0539	<0.00001	<0.002	<0.00005	0.00556	2.62	0.016	<0.00004	3.7	<0.000005	0.06	0.0718	<10	<0.00002	0.000026
	HC-41															
	HC-41															
	HC-41	0.0545	0.00001	0.004	<0.00005	0.00536	2.62	0.0166	<0.00004	4.0	<0.000005	0.09	0.0771	10	<0.00002	0.000027
	HC-41															
	HC-41															
	HC-41															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41															
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000059	<0.0002	0.0027	<0.0001	<0.002				0.62	0.59	2.38
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000183	<0.0002	0.0029	<0.0001	<0.002				0.78	0.82	-2.74
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000277	<0.0002	0.0035	<0.0001	<0.002				0.82	0.78	2.75
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000231	<0.0002	0.0029	<0.0001	<0.002				0.82	0.57	18.2
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000159	<0.0002	0.0026	<0.0001	<0.002				0.466	0.519	-5.38
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	0.0006	0.00005	0.000205	<0.0002	0.0032	<0.0001	<0.002				0.531	0.558	-2.48
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	0.0006	<0.00001	0.000467	<0.0002	0.0051	<0.0001	<0.002				0.912	0.857	3.11
	HC-41															
	HC-41															
	HC-41	0.000006	<0.0002	<0.0005	<0.00001	0.000322	<0.0002	0.0028	<0.0001	<0.002				0.556	0.542	1.28
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000408	<0.0002	0.0033	<0.0001	<0.002				0.660	0.633	2.09
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000551	<0.0002	0.0039	<0.0001	<0.002				0.624	0.644	-1.58
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000509	<0.0002	0.0033	<0.0001	<0.002				0.574	0.594	-1.71
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00074	0.000509	<0.0002	0.0218	<0.0001	<0.002				0.638	0.612	2.08
	HC-41															
	HC-41															
	HC-41															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		207	19-Nov-18	500	465	4.09	151
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		208	26-Nov-18	500	450		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		209	03-Dec-18	500	470	4.13	112
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		210	10-Dec-18	500	460		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		211	17-Dec-18	500	455	3.98	165
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		212	24-Dec-18	500	455		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		213	31-Dec-18	500	495	4.11	103
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		214	07-Jan-19	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		215	14-Jan-19	500	455	4.02	119
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		216	21-Jan-19	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		217	28-Jan-19	500	470	4.02	119
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		218	04-Feb-19	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		219	11-Feb-19	500	460	4.04	128
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		220	18-Feb-19	500	450		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		221	25-Feb-19	500	495	4.04	109
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		222	04-Mar-19	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		223	11-Mar-19	500	460	4.02	109
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		224	18-Mar-19	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		225	25-Mar-19	500	465	4.15	90
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		226	01-Apr-19	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		227	08-Apr-19	500	455	4.12	100
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		228	15-Apr-19	500	460		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		229	22-Apr-19	500	470	4.00	129
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		230	29-Apr-19	500	450		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		231	06-May-19	500	485	3.89	133
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		232	13-May-19	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		233	20-May-19	500	460	3.93	160
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		234	27-May-19	500	455		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		235	03-Jun-19	500	490	3.85	137
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		236	10-Jun-19	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		237	17-Jun-19	500	455	3.79	183
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		238	24-Jun-19	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		239	01-Jul-19	500	445	3.77	181
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		240	08-Jul-19	500	465		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		241	15-Jul-19	500	470	3.92	126
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		242	22-Jul-19	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		243	29-Jul-19	500	470	4.06	95
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		244	05-Aug-19	500	500		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		245	12-Aug-19	500	470	4.07	99
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		246	19-Aug-19	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		247	26-Aug-19	500	480	4.01	78
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		248	02-Sep-19	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		249	09-Sep-19	500	485	4.06	85
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		250	16-Sep-19	500	465		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		251	23-Sep-19	500	500	4.10	73
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		252	30-Sep-19	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		253	07-Oct-19	500	480	4.08	74
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		254	14-Oct-19	500	460		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		255	21-Oct-19	500	490	4.10	71
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		256	28-Oct-19	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		257	04-Nov-19	500	480	4.07	103

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41	290	45.4	2.2	17.3	<0.5	0.37		<0.5					31.2	0.557	<0.00002	0.00013
	HC-41																
	HC-41	280															
	HC-41																
	HC-41	320	49.0	3.5	20.2	<0.5	0.29		<0.5					26.5	0.570	<0.00002	0.00012
	HC-41	300															
	HC-41																
	HC-41	290	33.2	<0.5	10.9	<0.5	0.3		<0.5					20.7	0.456	0.00006	0.00011
	HC-41	310															
	HC-41																
	HC-41	320	33.6	2.8	16.8	<0.5	0.34		<0.5					20.7	0.460	<0.00002	0.00007
	HC-41	310															
	HC-41	310	26.5	2.9	12.7	<0.5	0.31		<0.5					15.4	0.374	<0.00002	0.00008
	HC-41	320															
	HC-41																
	HC-41	305	25.9	1.7	14	<0.5	0.28		<0.5					16.2	0.344	<0.00002	0.00007
	HC-41	330															
	HC-41																
	HC-41	320	30.7	5.9	19.7	<0.5	0.27		<0.5					19.5	0.552	<0.00002	0.00013
	HC-41	330															
	HC-41																
	HC-41	305	30.1	3.6	21.5	<0.5	0.28		<0.5					19.1	0.534	<0.00002	0.00013
	HC-41	320															
	HC-41																
	HC-41	310	45.4	5.7	23.8	<0.5	0.44		<0.5					28.2	0.916	<0.00002	0.00016
	HC-41	315															
	HC-41																
	HC-41	340	21.4	0.9	9.9	<0.5	0.20		0.8					12.9	0.322	<0.00002	0.00007
	HC-41	340															
	HC-41																
	HC-41	320	19.2	3.2	12.7	<0.5	0.18		0.5					13.1	0.287	<0.00002	0.00005
	HC-41	330															
	HC-41																
	HC-41	350	17.6	<0.5	9.2	<0.5	0.19		0.7					12.8	0.324	<0.00002	0.00003
	HC-41	360															
	HC-41																
	HC-41	350	21.5	1.1	11.3	<0.5	0.25		<0.5					14.4	0.363	<0.00002	0.00005
	HC-41																
	HC-41	335															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41	0.0684	0.00028	<0.000005	<0.05	0.00656	0.000045	9.73	<0.0001	0.00952	0.00783	0.0127	4.45	0.000228	0.0073	1.68
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0686	0.00033	<0.000005	<0.05	0.00634	0.000040	8.21	<0.0001	0.00725	0.00902	0.01800	5.18	0.000287	0.0071	1.45
	HC-41															
	HC-41															
	HC-41	0.0388	0.00024	<0.000005	<0.05	0.00451	0.000019	6.33	<0.0001	0.00322	0.00667	0.0123	2.54	0.000237	0.0065	1.19
	HC-41															
	HC-41															
	HC-41	0.0414	0.00024	<0.000005	<0.05	0.00468	0.000022	6.27	<0.0001	0.00394	0.00733	0.01260	2.80	0.000236	0.0065	1.22
	HC-41															
	HC-41															
	HC-41	0.0295	0.00019	<0.000005	<0.05	0.00418	0.000013	4.75	<0.0001	0.00254	0.00636	0.0095	1.77	0.000199	0.0053	0.86
	HC-41															
	HC-41															
	HC-41	0.0324	0.00014	<0.000005	<0.05	0.00284	0.000025	4.94	<0.0001	0.00583	0.00545	0.0105	1.95	0.000134	0.0045	0.93
	HC-41															
	HC-41															
	HC-41	0.0341	0.00028	<0.000005	<0.05	0.00544	0.00003	5.69	<0.0001	0.00785	0.00793	0.021	3.8	0.000292	0.0061	1.28
	HC-41															
	HC-41															
	HC-41	0.0317	0.0003	<0.000005	<0.05	0.00621	0.000048	5.79	<0.0001	0.00369	0.00877	0.0165	3.09	0.000445	0.0062	1.11
	HC-41															
	HC-41															
	HC-41	0.0463	0.00049	<0.000005	<0.05	0.00789	0.000047	8.56	<0.0001	0.00908	0.0141	0.0319	4.35	0.00110	0.0096	1.65
	HC-41															
	HC-41															
	HC-41	0.0207	0.00016	<0.000005	<0.05	0.00383	0.000031	4.02	<0.0001	0.00179	0.00572	0.00737	1.56	0.000396	0.0047	0.69
	HC-41															
	HC-41															
	HC-41	0.0230	0.00014	<0.000005	<0.05	0.00328	0.000007	4.19	<0.0001	0.00170	0.00472	0.00638	1.08	0.000209	0.0046	0.63
	HC-41															
	HC-41															
	HC-41	0.0190	0.00016	<0.000005	<0.05	0.00322	0.000017	4.00	<0.0001	0.00178	0.00510	0.00681	1.04	0.00142	0.0042	0.67
	HC-41															
	HC-41															
	HC-41	0.0226	0.00017	<0.000005	<0.05	0.00379	0.000020	4.54	<0.0001	0.00221	0.00601	0.00718	1.09	0.000186	0.0046	0.75
	HC-41															
	HC-41															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41	0.1	<0.00001	<0.002	<0.00005	0.021	5.04	0.029	0.00008	4.6	<0.000005	0.09	0.12	16	<0.00002	0.000041
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0994	<0.00001	0.003	<0.00005	0.01920	4.84	0.0285	0.00009	4.6	<0.000005	0.09	0.1030	17	<0.00002	0.000048
	HC-41															
	HC-41															
	HC-41	0.0646	<0.00001	<0.002	<0.00005	0.00833	2.86	0.0181	0.00004	4	<0.000005	0.07	0.0795	11	<0.00002	0.000021
	HC-41															
	HC-41															
	HC-41	0.0663	0.00006	0.003	<0.00005	0.00920	3.00	0.0191	0.00004	4.1	0.000008	0.07	0.0814	12	0.00003	0.000035
	HC-41															
	HC-41															
	HC-41	0.0431	<0.00001	<0.002	<0.00005	0.00587	2.28	0.0157	<0.00004	3.7	<0.000005	<0.05	0.0612	<10	<0.00002	0.00003
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0488	<0.00001	<0.002	<0.00005	0.0127	1.89	0.0113	0.00004	2.5	<0.000005	0.05	0.0642	<10	<0.00002	0.000024
	HC-41															
	HC-41															
	HC-41	0.0725	0.00002	0.003	<0.00005	0.0234	3.09	0.0205	0.00008	4.2	0.000005	0.07	0.0688	13	<0.00002	0.000035
	HC-41															
	HC-41															
	HC-41	0.0572	<0.00001	<0.002	<0.00005	0.0107	3.2	0.0229	0.00006	4.6	<0.000005	0.06	0.075	12	<0.00002	0.000037
	HC-41															
	HC-41															
	HC-41	0.0826	0.00005	<0.002	<0.00005	0.0232	4.48	0.0329	0.00010	5.6	<0.000005	0.08	0.110	18	<0.00002	0.000064
	HC-41															
	HC-41															
	HC-41	0.0300	<0.00001	<0.002	<0.00005	0.00452	1.63	0.0125	0.00004	4.0	<0.000005	<0.05	0.0551	<10	<0.00002	0.000027
	HC-41															
	HC-41															
	HC-41	0.0274	<0.00001	<0.002	<0.00005	0.00387	1.31	0.0105	<0.00004	3.9	<0.000005	0.06	0.0532	<10	<0.00002	0.000023
	HC-41															
	HC-41															
	HC-41	0.0280	<0.00001	<0.002	<0.00005	0.00399	1.40	0.0100	<0.00004	4.0	<0.000005	<0.05	0.0507	<10	<0.00002	0.000020
	HC-41															
	HC-41															
	HC-41	0.0315	<0.00001	<0.002	<0.00005	0.00455	1.55	0.0123	<0.00004	4.2	<0.000005	0.05	0.0642	<10	<0.00002	0.000025
	HC-41															
	HC-41															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.00101	<0.0002	0.0064	<0.0001	<0.002				0.965	1.06	-4.88
	HC-41															
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.001350	<0.0002	0.0074	<0.0001	<0.002				1.020	1.010	0.34
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000954	<0.0002	0.0048	<0.0001	<0.002				0.71	0.73	-1.6
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.001010	<0.0002	0.0051	<0.0001	0.004				0.72	0.74	-1.44
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000719	<0.0002	0.0039	<0.0001	<0.002				0.57	0.57	-0.09
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000563	<0.0002	0.0043	<0.0001	<0.002				0.56	0.56	-0.36
	HC-41															
	HC-41															
	HC-41	0.000006	<0.0002	0.0009	<0.00001	0.00129	<0.0002	0.0065	<0.0001	<0.002				0.65	0.8	-10.10
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	0.0009	<0.00001	0.00114	0.0004	0.007	<0.0001	<0.002				0.64	0.78	-9.72
	HC-41															
	HC-41															
	HC-41	0.000009	<0.0002	<0.0005	<0.00001	0.00186	<0.0002	0.0090	<0.0001	<0.002				0.97	1.11	-6.97
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000537	<0.0002	0.0047	<0.0001	<0.002				0.48	0.48	0.00
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000446	<0.0002	0.0028	<0.0001	<0.002				0.424	0.467	-4.83
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000488	<0.0002	0.0038	<0.0001	<0.002				0.396	0.445	-5.83
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000482	<0.0002	0.0039	<0.0001	<0.002				0.461	0.490	-3.05
	HC-41															
	HC-41															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		258	11-Nov-19	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		259	18-Nov-19	500	470	4.06	92
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		260	25-Nov-19	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		261	02-Dec-19	500	495	4.08	102
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		262	09-Dec-19	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		263	16-Dec-19	500	470	4.04	80
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		264	23-Dec-19	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		265	30-Dec-19	500	495	4.19	65
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		266	06-Jan-20	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		267	13-Jan-20	500	475	4.23	63
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		268	20-Jan-20	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		269	27-Jan-20	500	490	4.19	66
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		270	03-Feb-20	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		271	10-Feb-20	500	475	4.16	72
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		272	17-Feb-20	500	500		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		273	24-Feb-20	500	485	4.30	70
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		274	02-Mar-20	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		275	09-Mar-20	500	485	4.19	70
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		276	16-Mar-20	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		277	23-Mar-20	500	490	4.15	78
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		278	30-Mar-20	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		279	06-Apr-20	500	490	4.05	97
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		280	13-Apr-20	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		281	20-Apr-20	500	475	4.06	89
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		282	27-Apr-20	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		283	04-May-20	500	495	4.10	78
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		284	11-May-20	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		285	18-May-20	500	495	4.15	73
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		286	25-May-20	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		287	01-Jun-20	500	475	4.17	74
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		288	08-Jun-20	500	475		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		289	15-Jun-20	500	470	4.14	67
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		290	22-Jun-20	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		291	29-Jun-20	500	490	4.17	65
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		292	06-Jul-20	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		293	13-Jul-20	500	490	4.10	65
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		294	20-Jul-20	500	490		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		295	27-Jul-20	500	475	4.16	75
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		296	03-Aug-20	500	465		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		297	10-Aug-20	500	485	4.15	76
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		298	17-Aug-20	500	470		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		299	24-Aug-20	500	490	4.14	68
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		300	31-Aug-20	500	495		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		301	07-Sep-20	500	475	4.16	78
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		302	14-Sep-20	500	465		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		303	21-Sep-20	500	485	4.09	67
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		304	28-Sep-20	500	480		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		305	05-Oct-20	500	475	4.18	74
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		306	12-Oct-20	500	485		
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		307	19-Oct-20	500	490	4.19	72
	HC-41	Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		308	26-Oct-20	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-41																
	HC-41	340	23.0	<0.5	9.6	<0.5	0.27		<0.5					17.9	0.412	0.00022	0.00020
	HC-41																
	HC-41	360															
	HC-41																
	HC-41	350	17.5	1.6	9.8	<0.5	0.25		<0.5					13.3	0.347	<0.00002	0.00005
	HC-41	350															
	HC-41																
	HC-41	340	14.3	<0.5	3.6	<0.5	0.17		<0.5					10.2	0.254	<0.00002	0.00017
	HC-41	340															
	HC-41																
	HC-41	360	18.4	1.3	8.5	<0.5	0.20		<0.5					11.1	0.264	<0.00002	0.00006
	HC-41	330															
	HC-41																
	HC-41	330	19.3	<0.5	7.6	<0.5	0.20		<0.5					12.4	0.301	<0.00002	0.00006
	HC-41	320															
	HC-41																
	HC-41	310	28.2	3.1	12.2	<0.5	0.31		<0.5					17.5	0.468	<0.00002	0.00008
	HC-41	330															
	HC-41																
	HC-41	340	19.1	<0.5	4.7	<0.5	0.23		<0.5					11.3	0.334	<0.00002	0.00004
	HC-41	320															
	HC-41																
	HC-41	325	17.8	<0.5	7.3	<0.5	0.20		<0.5					11.7	0.319	<0.00002	0.00007
	HC-41	330															
	HC-41																
	HC-41	325	15.8	1.5	8.6	<0.5	0.20		<0.5					10.0	0.257	<0.00002	0.00006
	HC-41	330															
	HC-41																
	HC-41	330	18.9	1.4	8.7	<0.5	0.23		<0.5					12.1	0.321	<0.00002	0.00003
	HC-41	330															
	HC-41																
	HC-41	330	17.0	1.3	8.4	<0.5	0.20		<0.5					10.3	0.293	<0.00002	0.00003
	HC-41	340															
	HC-41																
	HC-41	355	14.4	1.0	7.5	<0.5	0.18		<0.5					14.0	0.211	<0.00002	0.00005
	HC-41	360															
	HC-41																
	HC-41	370	17.0	<0.5	4.6	<0.5	0.19		<0.5					11.6	0.278	<0.00002	0.00005
	HC-41																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-41															
	HC-41	0.0279	0.00020	<0.000005	<0.05	0.00373	0.00019	5.81	<0.0001	0.00310	0.0131	0.00881	1.09	0.0145	0.0043	0.82
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0212	0.00016	<0.000005	<0.05	0.00345	0.000021	4.23	<0.0001	0.00229	0.00770	0.00692	0.733	0.00199	0.0043	0.67
	HC-41															
	HC-41															
	HC-41	0.0154	0.00012	<0.000005	<0.05	0.00224	0.000046	3.22	<0.0001	0.00162	0.0061	0.00439	0.683	0.00068	0.0033	0.51
	HC-41															
	HC-41															
	HC-41	0.0186	0.00011	<0.000005	<0.05	0.00289	0.000012	3.50	<0.0001	0.00140	0.0054	0.00459	0.794	0.00014	0.0033	0.58
	HC-41															
	HC-41															
	HC-41	0.0211	0.00013	<0.000005	<0.05	0.00298	0.000014	3.93	<0.0001	0.00172	0.0054	0.00475	0.864	0.00020	0.0034	0.62
	HC-41															
	HC-41															
	HC-41	0.0370	0.00021	<0.000005	<0.05	0.00404	0.000053	5.51	<0.0001	0.00486	0.0114	0.00880	1.36	0.00146	0.0040	0.90
	HC-41															
	HC-41															
	HC-41	0.0270	0.00016	<0.000005	<0.05	0.00382	0.000068	3.54	<0.0001	0.00239	0.0077	0.00680	1.01	0.00138	0.0036	0.59
	HC-41															
	HC-41															
	HC-41	0.0214	0.00016	0.000006	<0.05	0.00319	0.000054	3.65	<0.0001	0.00228	0.00707	0.00548	0.847	0.00039	0.0031	0.61
	HC-41															
	HC-41															
	HC-41	0.0198	0.00011	<0.000005	<0.05	0.00298	0.000067	3.20	<0.0001	0.00167	0.0177	0.00472	0.677	0.00018	0.0028	0.49
	HC-41															
	HC-41															
	HC-41	0.0243	0.00014	<0.000005	<0.05	0.00347	0.000012	3.85	<0.0001	0.00258	0.00739	0.00664	0.793	0.000152	0.0031	0.60
	HC-41															
	HC-41															
	HC-41	0.0219	0.00015	<0.000005	<0.05	0.00337	0.000012	3.28	<0.0001	0.00201	0.00873	0.00627	0.745	0.000968	0.0026	0.52
	HC-41															
	HC-41															
	HC-41	0.0215	0.00011	<0.000005	<0.05	0.00226	0.000011	3.45	<0.0001	0.00168	0.00556	0.00206	0.610	0.000066	0.0027	1.30
	HC-41															
	HC-41															
	HC-41	0.0225	0.00012	<0.000005	<0.05	0.00323	0.000014	3.62	<0.0001	0.00233	0.00721	0.00567	0.681	0.000128	0.0024	0.63
	HC-41															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-41															
	HC-41	0.0404	<0.00001	0.002	0.00005	0.00642	1.78	0.0132	0.00018	3.8	<0.000005	0.10	0.0738	<10	<0.00002	0.000039
	HC-41															
	HC-41															
	HC-41															
	HC-41	0.0280	<0.00001	<0.002	<0.00005	0.00474	1.41	0.0113	<0.00004	4.1	<0.000005	0.06	0.0585	<10	<0.00002	0.000028
	HC-41															
	HC-41															
	HC-41	0.0205	<0.00001	<0.002	<0.00005	0.00326	0.94	0.00773	<0.00004	3.2	<0.000005	<0.05	0.0428	<10	<0.00002	0.000018
	HC-41															
	HC-41															
	HC-41	0.0237	<0.00001	0.004	<0.00005	0.00311	1.11	0.00877	<0.00004	3.6	<0.000005	0.05	0.0476	<10	<0.00002	0.000020
	HC-41															
	HC-41															
	HC-41	0.0247	<0.00001	0.005	<0.00005	0.00346	1.24	0.00931	0.00010	3.9	<0.000005	<0.05	0.0512	<10	<0.00002	0.000023
	HC-41															
	HC-41															
	HC-41	0.0363	<0.00001	0.005	<0.00005	0.00867	1.91	0.0141	<0.00004	4.2	0.000005	0.05	0.0764	<10	<0.00002	0.000028
	HC-41															
	HC-41															
	HC-41	0.0245	<0.00001	<0.002	<0.00005	0.00490	1.45	0.0119	0.00020	3.8	<0.000005	0.05	0.0488	<10	<0.00002	0.000024
	HC-41															
	HC-41															
	HC-41	0.0247	<0.00001	0.003	<0.00005	0.00402	1.23	0.0105	0.00006	3.8	0.000013	0.32	0.0510	<10	<0.00002	0.000030
	HC-41															
	HC-41															
	HC-41	0.0194	<0.00001	0.002	<0.00005	0.00309	0.99	0.00835	0.00014	3.6	<0.000005	<0.05	0.0415	<10	<0.00002	0.000027
	HC-41															
	HC-41															
	HC-41	0.0231	<0.00001	0.003	<0.00005	0.00468	1.29	0.00995	<0.00004	3.4	<0.000005	<0.05	0.0502	<10	<0.00002	0.000021
	HC-41															
	HC-41															
	HC-41	0.0211	<0.00001	<0.002	<0.00005	0.00395	1.11	0.00938	<0.00004	3.6	<0.000005	<0.05	0.0421	<10	0.00003	0.000026
	HC-41															
	HC-41															
	HC-41	0.0200	<0.00001	0.004	<0.00005	0.00332	0.94	0.00760	<0.00004	3.3	<0.000005	0.06	0.0411	<10	<0.00002	0.000021
	HC-41															
	HC-41															
	HC-41	0.0192	<0.00001	0.004	<0.00005	0.00466	1.03	0.00916	<0.00004	3.3	<0.000005	<0.05	0.0421	<10	<0.00002	0.000023
	HC-41															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-41															
	HC-41	0.000018	<0.0002	<0.0005	<0.00001	0.000561	<0.0002	0.0210	<0.0001	<0.002				0.493	0.585	-8.53
	HC-41															
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000410	<0.0002	0.0037	<0.0001	<0.002				0.377	0.462	-10.1
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000299	<0.0002	0.0048	<0.0001	<0.002				0.306	0.340	-5.26
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000288	<0.0002	0.0026	<0.0001	<0.002				0.394	0.381	1.68
	HC-41															
	HC-41	0.000012	<0.0002	<0.0005	<0.00001	0.000288	<0.0002	0.0027	<0.0001	<0.002				0.412	0.409	0.370
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000498	<0.0002	0.0058	<0.0001	<0.002				0.604	0.592	1.00
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000392	<0.0002	0.0055	<0.0001	<0.002				0.410	0.418	-0.970
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	0.00002	0.000368	<0.0002	0.0043	<0.0001	<0.002				0.381	0.413	-4.03
	HC-41															
	HC-41	0.000032	<0.0002	<0.0005	<0.00001	0.000265	<0.0002	0.00218	<0.0001	<0.002				0.340	0.347	-1.02
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000278	<0.0002	0.0022	<0.0001	<0.002				0.405	0.409	-0.490
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000430	<0.0002	0.0022	<0.0001	<0.002				0.365	0.368	-0.410
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000209	<0.0002	0.0024	<0.0001	<0.002				0.311	0.433	-16.4
	HC-41															
	HC-41	<0.000005	<0.0002	<0.0005	<0.00001	0.000278	<0.0002	0.0021	<0.0001	<0.002				0.364	0.380	-2.15
	HC-41															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
HC-41		Llama	Iron Formation (ore)	12GSE159B	217.75	227.75	0.37	0.35	0.01	15.30		309	02-Nov-20	500	485	4.08	79

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		0	01-Dec-14	750	615	10.2	182
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		1	08-Dec-14	500	480	10.1	511
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		2	15-Dec-14	500	475	10.1	537
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		3	22-Dec-14	500	465	10.0	585
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		4	29-Dec-14	500	465	10.1	430
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		5	05-Jan-15	500	460	9.85	433
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		6	12-Jan-15	500	475	9.88	365
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		7	19-Jan-15	500	475	9.77	291
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		8	26-Jan-15	500	475	9.77	291
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		9	02-Feb-15	500	470	9.72	255
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		10	09-Feb-15	500	460	9.63	265
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		11	16-Feb-15	500	490	9.56	181
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		12	23-Feb-15	500	470	9.59	170
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		13	02-Mar-15	500	475	9.53	174
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		14	09-Mar-15	500	480	9.45	165
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		15	16-Mar-15	500	475	9.54	149
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		16	23-Mar-15	500	470	9.49	143
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		17	30-Mar-15	500	480	9.46	136
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		18	06-Apr-15	500	475	9.34	133
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		19	13-Apr-15	500	475	9.33	127
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		20	20-Apr-15	500	480	9.40	119
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		21	27-Apr-15	500	465	9.35	109
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		22	04-May-15	500	480	9.28	111
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		23	11-May-15	500	455	9.21	108
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		24	18-May-15	500	490	9.27	109
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		25	25-May-15	500	465	9.19	93.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		26	01-Jun-15	500	460	9.21	102
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		27	08-Jun-15	500	460	9.19	94.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		28	15-Jun-15	500	465	9.18	95.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		29	22-Jun-15	500	475	9.20	84.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		30	29-Jun-15	500	475	9.15	88.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		31	06-Jul-15	500	475	9.15	85.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		32	13-Jul-15	500	460	9.11	83.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		33	20-Jul-15	500	465	9.12	75.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		34	27-Jul-15	500	465	9.07	70.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		35	03-Aug-15	500	470	9.06	78.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		36	10-Aug-15	500	475	9.02	79.0
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		37	17-Aug-15	500	455	8.71	135
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		38	24-Aug-15	500	475	8.64	124
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		39	31-Aug-15	500	475	8.39	135
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		40	07-Sep-15	500	470	8.46	160
HC-46		Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		41	14-Sep-15	500	475	8.41	135

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
HC-41		370															

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-46	50.0	8.2	<0.5	<0.5	54.9	0.10		5.1					3.8	0.215	0.00025	0.00865
	HC-46	50.0	11.8	<0.5	<0.5	214.5	0.15		11.7					2.9	0.122	0.00088	0.0917
	HC-46	60.0	14.4	<0.5	<0.5	214.3	0.09		9.2					2.6	0.144	0.00076	0.132
	HC-46	50.0	21.5	<0.5	<0.5	232.7	0.06		6.1					2.2	0.115	0.00069	0.137
	HC-46	45.0	20.9	<0.5	<0.5	175.4	<0.05		2.9					2.1	0.105	0.00042	0.0871
	HC-46	60.0	25.2	<0.5	<0.5	179.4	<0.05		1.6					2.7	0.125	0.00041	0.0820
	HC-46	70.0	27.9	<0.5	<0.5	140.0	<0.05		1.4					2.1	0.101	0.00030	0.0665
	HC-46	70.0	25.3	<0.5	<0.5	117.2	<0.05		1.3					2.4	0.113	0.00021	0.0558
	HC-46	60	24.7	<0.5	<0.5	103.2	<0.05		<0.5					2.3	0.110	0.00017	0.0403
	HC-46	65	23.0	<0.5	<0.5	92.7	<0.05		<0.5					2.3	0.0993	0.00012	0.0267
	HC-46	40	24.4	<0.5	<0.5	101.2	<0.05		<0.5					3.4	0.104	0.00013	0.0269
	HC-46	75	15.1	<0.5	<0.5	69.4	<0.05		<0.5					3.2	0.0770	0.00009	0.0190
	HC-46	80	15.7	<0.5	<0.5	65.8	<0.05		<0.5					2.4	0.0712	0.00008	0.0146
	HC-46	75	13.8	<0.5	<0.5	63.3	<0.05		<0.5					2.6	0.0791	0.00007	0.0125
	HC-46	90	14.2	<0.5	<0.5	55.1	<0.05		0.6					3.2	0.0821	0.00007	0.0138
	HC-46	70	12.9	<0.5	<0.5	56.2	<0.05		<0.5					3.1	0.0752	0.00006	0.0105
	HC-46	80	12.0	<0.5	<0.5	52.5	<0.05		<0.5					3.1	0.0788	0.00006	0.00953
	HC-46	75	15.4	<0.5	<0.5	50.9	<0.05		<0.5					4.3	0.0870	0.00005	0.00847
	HC-46	80	11.1	<0.5	<0.5	52.9	<0.05		<0.5					3.9	0.123	0.00004	0.00702
	HC-46	80	10.8	<0.5	<0.5	48.8	<0.05		0.7					3.8	0.0714	0.00004	0.00635
	HC-46	75															
	HC-46	60	9.6	<0.5	<0.5	41.7	<0.05		1.4					3.8	0.0786	0.00003	0.00498
	HC-46	95															
	HC-46	90	11.5	<0.5	<0.5	37.7	<0.05		<0.5					4.2	0.0538	0.00003	0.00417
	HC-46	80															
	HC-46	85	7.6	<0.5	<0.5	36.8	<0.05		<0.5					4.8	0.0563	0.00003	0.00419
	HC-46	80															
	HC-46	90	8.3	<0.5	<0.5	37.7	<0.05		<0.5					5.8	0.0591	0.00003	0.00427
	HC-46	100															
	HC-46	85	7.5	<0.5	<0.5	31.1	<0.05		<0.5					6.0	0.0697	0.00003	0.00408
	HC-46	85															
	HC-46	80	9.0	<0.5	<0.5	30.4	<0.05		<0.5					5.5	0.0638	0.00002	0.00364
	HC-46	85															
	HC-46	90	7.2	<0.5	<0.5	29.9	<0.05		<0.5					6.2	0.0659	0.00002	0.00343
	HC-46	85															
	HC-46	90	9.8	<0.5	<0.5	27.5	<0.05		<0.5					7.4	0.0618	0.00002	0.00312
	HC-46	90															
	HC-46	95	30.9	<0.5	<0.5	25.2	<0.05		<0.5					16.5	0.0591	<0.00002	0.00240
	HC-46	120															
	HC-46	105	36.3	<0.5	<0.5	17.9	<0.05		0.9					19.1	0.0420	<0.00002	0.00123
	HC-46	105															
	HC-46	105	35.9	<0.5	<0.5	21.6	<0.05		0.6					20.5	0.0457	<0.00002	0.00099

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05

HC-41

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05

HC-46	0.00098	<0.00001	<0.000005	<0.05	0.00063	<0.000005	1.17	0.0001	0.000029	0.00295	<0.00005	0.500	0.000373	0.0010	0.22
HC-46	0.00074	<0.00001	<0.000005	<0.05	0.00220	<0.000005	0.83	<0.0001	0.000019	0.00430	<0.00005	0.098	0.000060	0.0017	0.21
HC-46	0.00068	<0.00001	0.000010	<0.05	0.00275	<0.000005	0.72	0.0001	0.000023	0.00529	<0.00005	0.239	0.000066	0.0022	0.19
HC-46	0.00066	<0.00001	<0.000005	<0.05	0.00266	<0.000005	0.62	<0.0001	0.000014	0.00432	<0.00005	0.114	0.000052	0.0017	0.17
HC-46	0.00059	<0.00001	<0.000005	<0.05	0.00220	<0.000005	0.57	<0.0001	0.000031	0.00423	<0.00005	0.150	0.000062	0.0023	0.16
HC-46	0.00073	<0.00001	<0.000005	<0.05	0.00294	<0.000005	0.71	0.0001	0.000019	0.00390	<0.00005	0.128	0.000064	0.0027	0.23
HC-46	0.00052	<0.00001	<0.000005	<0.05	0.00224	<0.000005	0.55	0.0001	0.000012	0.00205	<0.00005	0.111	0.000052	0.0018	0.17
HC-46	0.00050	<0.00001	<0.000005	<0.05	0.00188	<0.000005	0.66	0.0001	0.000010	0.00148	<0.00005	0.097	0.000047	0.0020	0.17
HC-46	0.00051	<0.00001	<0.000005	<0.05	0.00187	<0.000005	0.61	<0.0001	0.000011	0.00131	<0.00005	0.122	0.000057	0.0014	0.20
HC-46	0.00047	<0.00001	<0.000005	<0.05	0.00174	<0.000005	0.62	<0.0001	0.000019	0.00113	<0.00005	0.102	0.000045	0.0010	0.19
HC-46	0.00111	<0.00001	<0.000005	<0.05	0.00169	<0.000005	0.87	<0.0001	0.000013	0.00098	<0.00005	0.111	0.000045	0.0013	0.29
HC-46	0.00052	<0.00001	<0.000005	<0.05	0.00136	<0.000005	0.88	<0.0001	0.000008	0.00057	<0.00005	0.071	0.000025	0.0008	0.25
HC-46	0.00040	<0.00001	<0.000005	<0.05	0.00118	<0.000005	0.62	<0.0001	0.000009	0.00057	<0.00005	0.063	0.000027	0.0010	0.22
HC-46	0.00043	<0.00001	<0.000005	<0.05	0.00118	<0.000005	0.63	<0.0001	0.000009	0.00192	<0.00005	0.061	0.000021	0.0015	0.25
HC-46	0.00049	<0.00001	<0.000005	<0.05	0.00121	<0.000005	0.82	<0.0001	0.000010	0.00059	<0.00005	0.060	0.000033	0.0009	0.29
HC-46	0.00046	<0.00001	<0.000005	<0.05	0.00113	<0.000005	0.76	<0.0001	0.000008	0.00044	<0.00005	0.071	0.000025	0.0012	0.29
HC-46	0.00040	<0.00001	<0.000005	<0.05	0.00115	<0.000005	0.72	0.0001	0.000008	0.00064	<0.00005	0.062	0.000022	0.0014	0.31
HC-46	0.00054	<0.00001	<0.000005	<0.05	0.00101	0.000006	1.02	<0.0001	0.000010	0.00051	<0.00005	0.094	0.000025	0.0010	0.42
HC-46	0.00075	<0.00001	<0.000005	<0.05	0.00113	<0.000005	0.90	<0.0001	0.000019	0.00090	<0.00005	0.360	0.000107	0.0015	0.42
HC-46	0.00050	<0.00001	<0.000005	<0.05	0.00102	<0.000005	0.82	<0.0001	0.000009	0.00041	<0.00005	0.057	0.000019	0.0011	0.42
HC-46															
HC-46	0.00048	<0.00001	<0.000005	<0.05	0.00089	<0.000005	0.85	<0.0001	0.000017	0.00045	<0.00005	0.079	0.000019	0.0012	0.40
HC-46															
HC-46	0.00045	<0.00001	<0.000005	<0.05	0.00087	<0.000005	0.94	<0.0001	0.000011	0.00031	<0.00005	0.028	0.000020	0.0010	0.44
HC-46															
HC-46	0.00048	<0.00001	<0.000005	<0.05	0.00078	<0.000005	1.11	<0.0001	0.000007	0.00027	<0.00005	0.042	0.000014	0.0010	0.50
HC-46															
HC-46	0.00053	<0.00001	<0.000005	<0.05	0.00077	<0.000005	1.32	<0.0001	0.000009	0.00032	<0.00005	0.048	0.000021	<0.0005	0.61
HC-46															
HC-46	0.00052	<0.00001	<0.000005	<0.05	0.00069	<0.000005	1.40	<0.0001	0.000010	0.00033	<0.00005	0.058	0.000025	0.0009	0.60
HC-46															
HC-46	0.00054	<0.00001	<0.000005	<0.05	0.00075	<0.000005	1.25	<0.0001	0.000008	0.00026	<0.00005	0.043	0.000014	0.0009	0.59
HC-46															
HC-46	0.00053	<0.00001	<0.000005	<0.05	0.00070	<0.000005	1.42	<0.0001	0.000010	0.00035	<0.00005	0.074	0.000023	0.0009	0.63
HC-46															
HC-46	0.00066	<0.00001	<0.000005	<0.05	0.00072	<0.000005	1.69	<0.0001	0.000013	0.00042	<0.00005	0.083	0.000027	0.0009	0.76
HC-46															
HC-46	0.00308	<0.00001	<0.000005	<0.05	0.00112	<0.000005	3.89	<0.0001	0.000015	0.00042	<0.00005	0.050	0.000016	0.0012	1.64
HC-46															
HC-46	0.00167	<0.00001	<0.000005	<0.05	0.00099	<0.000005	4.72	<0.0001	0.000011	0.00034	<0.00005	0.018	0.000011	0.0009	1.77
HC-46															
HC-46	0.00178	<0.00001	<0.000005	<0.05	0.00106	<0.000005	5.28	<0.0001	0.000014	0.00036	<0.00005	0.020	0.000009	0.0010	1.77

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
HC-41																

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-46	0.00155	<0.00001	0.038	0.00173	0.00101	1.42	0.00171	0.00027	2.7	<0.000005	31.9	0.00391	<10	<0.00002	<0.000002
	HC-46	0.00046	0.00003	0.051	0.00392	0.00023	5.78	0.00694	0.00060	2.5	<0.000005	98.9	0.00375	<10	<0.00002	<0.000002
	HC-46	0.00095	0.00002	0.043	0.00259	0.00011	6.43	0.00796	0.00064	1.9	<0.000005	108	0.00313	<10	<0.00002	<0.000002
	HC-46	0.00057	<0.00001	0.029	0.00179	0.00013	6.53	0.00778	0.00056	2.0	<0.000005	102	0.00275	<10	<0.00002	<0.000002
	HC-46	0.00076	<0.00001	0.024	0.00091	0.00021	5.68	0.00731	0.00038	1.5	<0.000005	76.5	0.00255	<10	<0.00002	0.000002
	HC-46	0.00071	<0.00001	0.023	0.00094	0.00017	7.76	0.00987	0.00040	1.6	<0.000005	107	0.00333	12	<0.00002	<0.000002
	HC-46	0.00057	0.00003	0.015	0.00067	0.00011	5.55	0.00729	0.00034	1.4	<0.000005	72.5	0.00237	<10	<0.00002	<0.000002
	HC-46	0.00049	0.00002	0.012	0.00057	0.00011	4.79	0.00616	0.00025	1.6	<0.000005	61.4	0.00280	<10	<0.00002	<0.000002
	HC-46	0.00058	0.00002	0.009	0.00045	0.00010	4.73	0.00585	0.00019	1.4	<0.000005	55.2	0.00247	<10	<0.00002	<0.000002
	HC-46	0.00061	0.00003	0.005	0.00042	0.00014	4.56	0.00556	0.00011	1.1	<0.000005	52.6	0.00225	<10	<0.00002	<0.000002
	HC-46	0.00053	<0.00001	0.009	0.00043	0.00011	4.77	0.00560	0.00012	1.4	<0.000005	51.8	0.00303	<10	<0.00002	0.000003
	HC-46	0.00042	<0.00001	0.004	0.00028	0.00009	3.61	0.00431	0.00008	1.2	<0.000005	34.9	0.00314	<10	<0.00002	<0.000002
	HC-46	0.00043	<0.00001	0.006	0.00028	0.00011	3.12	0.00385	0.00006	1.5	<0.000005	32.8	0.00247	<10	<0.00002	<0.000002
	HC-46	0.00043	<0.00001	0.007	0.00025	0.00010	3.35	0.00388	0.00005	1.4	<0.000005	33.0	0.00254	<10	<0.00002	0.000002
	HC-46	0.00049	<0.00001	0.008	0.00026	0.00011	3.27	0.00405	0.00005	1.8	<0.000005	31.8	0.00320	<10	<0.00002	<0.000002
	HC-46	0.00048	<0.00001	0.008	0.00025	0.00015	3.04	0.00360	0.00005	1.6	<0.000005	28.3	0.00301	<10	<0.00002	<0.000002
	HC-46	0.00057	<0.00001	0.005	0.00025	0.00012	2.88	0.00369	0.00005	1.1	<0.000005	29.0	0.00313	<10	<0.00002	<0.000002
	HC-46	0.00081	<0.00001	0.003	0.00022	0.00010	2.81	0.00350	<0.00004	1.3	<0.000005	25.7	0.00390	<10	<0.00002	0.000002
	HC-46	0.00148	<0.00001	0.003	0.00019	0.00009	2.83	0.00361	<0.00004	1.4	<0.000005	24.8	0.00380	<10	<0.00002	0.000004
	HC-46	0.00062	<0.00001	0.002	0.00019	0.00015	2.89	0.00360	<0.00004	1.1	<0.000005	25.0	0.00371	<10	<0.00002	0.000003
	HC-46															
	HC-46	0.00086	<0.00001	0.004	0.00017	0.00010	2.45	0.00289	<0.00004	1.1	<0.000005	20.8	0.00321	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00056	0.00001	0.005	0.00021	0.00006	2.52	0.00283	<0.00004	1.0	<0.000005	20.1	0.00363	<10	<0.00002	0.000004
	HC-46															
	HC-46	0.00051	<0.00001	0.003	0.00023	0.00007	2.15	0.00274	<0.00004	1.0	<0.000005	17.3	0.00445	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00064	<0.00001	0.002	0.00025	0.00008	2.26	0.00268	<0.00004	1.1	<0.000005	16.4	0.00526	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00065	<0.00001	0.002	0.00025	0.00012	1.78	0.00235	<0.00004	1.1	<0.000005	13.9	0.00539	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00050	<0.00001	0.007	0.00026	0.00007	2.13	0.00248	<0.00004	1.0	<0.000005	14.6	0.00495	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00050	<0.00001	0.006	0.00027	0.00008	1.90	0.00236	<0.00004	1.1	<0.000005	13.1	0.00540	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00051	<0.00001	0.006	0.00037	0.00014	1.93	0.00242	<0.00004	1.1	<0.000005	13.3	0.00619	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00061	<0.00001	0.006	0.00046	0.00008	3.06	0.00400	<0.00004	1.1	<0.000005	18.9	0.0150	11	<0.00002	<0.000002
	HC-46															
	HC-46	0.00058	<0.00001	0.005	0.00034	0.00017	2.91	0.00341	<0.00004	0.9	<0.000005	17.2	0.0172	13	<0.00002	<0.000002
	HC-46															
	HC-46	0.00057	<0.00001	0.009	0.00030	0.00018	3.01	0.00376	<0.00004	0.9	<0.000005	16.3	0.0193	13	<0.00002	<0.000002

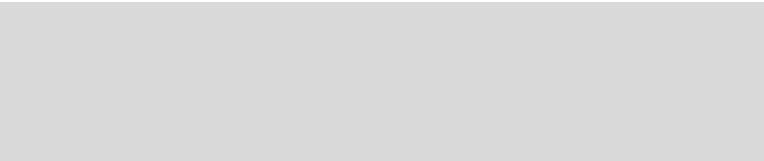
Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			

HC-41

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			

HC-46	0.000007	0.0004	0.0018	0.00242	0.000189	0.0013	0.0009	0.0002	0.0002					1.42	1.54	-4.05
HC-46	<0.000005	0.0002	<0.0005	0.00653	0.00317	0.0026	0.0003	<0.0001	<0.002					4.87	4.52	3.73
HC-46	0.000007	<0.0002	<0.0005	0.00443	0.00263	0.0027	0.0004	<0.0001	<0.002					4.85	4.94	-0.92
HC-46	0.000006	<0.0002	<0.0005	0.00287	0.00204	0.0020	0.0001	<0.0001	<0.002					5.28	4.66	6.25
HC-46	<0.000005	<0.0002	<0.0005	0.00136	0.00102	0.0014	0.0003	<0.0001	<0.002					4.03	3.53	6.57
HC-46	<0.000005	<0.0002	<0.0005	0.00135	0.00108	0.0013	0.0003	<0.0001	<0.002					4.16	4.92	-8.33
HC-46	0.000017	<0.0002	0.0006	0.00097	0.000619	0.0011	0.0001	<0.0001	<0.002					3.42	3.35	1.02
HC-46	<0.000005	<0.0002	0.0006	0.00074	0.000414	0.0011	0.0002	<0.0001	<0.002					2.91	2.86	0.870
HC-46	<0.000005	<0.0002	<0.0005	0.00060	0.000342	0.0008	0.0002	<0.0001	<0.002					2.58	2.58	-0.0800
HC-46	<0.000005	<0.0002	<0.0005	0.00052	0.000265	0.0005	0.0001	<0.0001	<0.002					2.33	2.47	-2.73
HC-46	<0.000005	<0.0002	<0.0005	0.00052	0.000259	0.0006	0.0002	<0.0001	<0.002					2.53	2.46	1.54
HC-46	<0.000005	<0.0002	<0.0005	0.00039	0.000160	0.0004	0.0002	<0.0001	<0.002					1.70	1.69	0.470
HC-46	<0.000005	<0.0002	<0.0005	0.00032	0.000133	0.0006	<0.0001	0.0002	<0.002					1.65	1.56	2.52
HC-46	<0.000005	<0.0002	0.0005	0.00031	0.000141	0.0003	<0.0001	<0.0001	<0.002					1.55	1.58	-0.960
HC-46	<0.000005	<0.0002	<0.0005	0.00030	0.000120	0.0005	<0.0001	<0.0001	<0.002					1.42	1.54	-4.33
HC-46	<0.000005	<0.0002	<0.0005	0.00028	0.000110	0.0006	0.0001	<0.0001	<0.002					1.39	1.38	0.400
HC-46	<0.000005	<0.0002	<0.0005	0.00026	0.000147	0.0002	0.0003	<0.0001	<0.002					1.30	1.41	-4.02
HC-46	<0.000005	<0.0002	0.0005	0.00024	0.000095	0.0003	<0.0001	<0.0001	<0.002					1.34	1.29	1.98
HC-46	0.000008	<0.0002	0.0017	0.00022	0.000099	0.0004	0.0002	<0.0001	<0.002					1.29	1.26	1.26
HC-46	<0.000005	<0.0002	<0.0005	0.00021	0.000085	0.0004	0.0001	<0.0001	<0.002					1.22	1.25	-0.930
HC-46																
HC-46	<0.000005	<0.0002	0.0016	0.00018	0.000066	0.0002	0.0004	<0.0001	<0.002					1.07	1.06	0.750
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00019	0.000083	<0.0002	<0.0001	<0.0001	<0.002					0.994	1.03	-1.78
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00026	0.000061	<0.0002	0.0003	<0.0001	<0.002					0.894	0.911	-0.940
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00034	0.000059	<0.0002	0.0001	<0.0001	<0.002					0.927	0.895	1.76
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00032	0.000109	<0.0002	0.0002	<0.0001	<0.002					0.779	0.777	0.130
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00028	0.000079	<0.0002	0.0007	<0.0001	<0.002					0.795	0.807	-0.750
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00026	0.000079	<0.0002	0.0002	<0.0001	<0.002					0.749	0.751	-0.130
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00027	0.000088	<0.0002	0.0001	<0.0001	<0.002					0.753	0.785	-2.08
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00020	0.000083	<0.0002	0.0002	<0.0001	<0.002					1.15	1.24	-3.65
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00013	0.000071	<0.0002	0.0001	<0.0001	<0.002					1.14	1.21	-2.94
HC-46																
HC-46	<0.000005	<0.0002	<0.0005	0.00011	0.000069	0.0006	0.0002	<0.0001	<0.002					1.20	1.20	-0.17

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		42	21-Sep-15	500	485	8.62	134
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		43	28-Sep-15	500	455	8.01	194
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		44	05-Oct-15	500	475	8.23	158
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		45	12-Oct-15	500	490	8.35	150
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		46	19-Oct-15	500	455	8.25	169
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		47	26-Oct-15	500	470	8.38	131
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		48	02-Nov-15	500	480	8.35	118
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		49	09-Nov-15	500	455	8.07	133
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		50	16-Nov-15	500	460	8.10	117
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		51	23-Nov-15	500	465	8.07	104
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		52	30-Nov-15	500	480	8.03	98.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		53	07-Dec-15	500	470	8.18	100
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		54	14-Dec-15	500	480	7.72	98.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		55	21-Dec-15	500	485	8.37	100
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		56	28-Dec-15	500	465	8.32	110
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		57	04-Jan-16	500	475	8.03	89.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		58	11-Jan-16	500	495	8.21	84.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		59	18-Jan-16	500	455	8.20	105
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		60	25-Jan-16	500	490	8.33	87.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		61	01-Feb-16	500	450	8.02	130
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		62	08-Feb-16	500	475	7.72	105
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		63	15-Feb-16	500	470	7.85	97.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		64	22-Feb-16	500	475	7.83	98.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		65	29-Feb-16	500	475	7.80	99.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		66	07-Mar-16	500	455	7.90	96.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		67	14-Mar-16	500	465	7.86	83.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		68	21-Mar-16	500	490	7.87	73.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		69	28-Mar-16	500	475	8.26	80.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		70	04-Apr-16	500	470	8.26	81.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		71	11-Apr-16	500	475	8.15	82.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		72	18-Apr-16	500	460	7.91	81.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		73	25-Apr-16	500	465	7.92	77.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		74	02-May-16	500	470	8.07	74.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		75	09-May-16	500	470	8.07	68.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		76	16-May-16	500	475	8.19	66.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		77	23-May-16	500	475	8.01	68.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		78	30-May-16	500	465	8.15	63.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		79	06-Jun-16	500	465	8.15	66.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		80	13-Jun-16	500	465	7.82	66.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		81	20-Jun-16	500	470	8.13	62.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		82	27-Jun-16	500	475	7.75	63.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		83	04-Jul-16	500	480	7.81	56.0
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		84	11-Jul-16	500	485		
	HC-46	Locale 2	Iron Formation (ore)	13GRL131	45.50	47.00	0.40	0.38	0.10	30.00		85	18-Jul-16	500	485	7.97	61.0



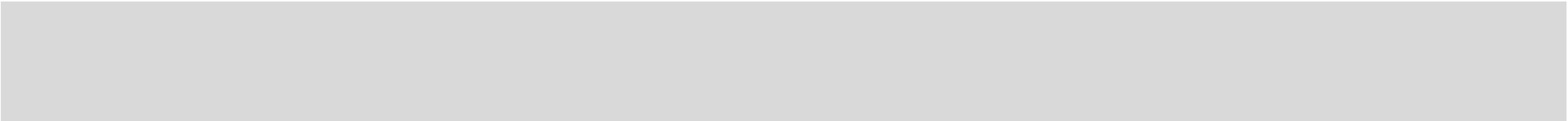
Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-46	100															
	HC-46	135	62.8	<0.5	<0.5	21.1	<0.05		0.6					27.6	0.0388	<0.00002	0.00072
	HC-46	120															
	HC-46	110	42.1	<0.5	<0.5	22.5	<0.05		0.5					22.8	0.0384	<0.00002	0.00071
	HC-46	115															
	HC-46	120	38.3	<0.5	<0.5	21.5	<0.05		<0.5					23.4	0.0378	<0.00002	0.00067
	HC-46	110															
	HC-46	120	35.5	<0.5	<0.5	20.6	<0.05		<0.5					24.7	0.0409	<0.00002	0.00066
	HC-46	105															
	HC-46	110	23.3	<0.5	<0.5	22.0	<0.05		<0.5					20.9	0.0443	<0.00002	0.00078
	HC-46	105															
	HC-46	110	21.3	<0.5	<0.5	22.0	<0.05		<0.5					19.4	0.0484	<0.00002	0.00062
	HC-46	110															
	HC-46	100	22.0	<0.5	<0.5	23.8	<0.05		<0.5					19.9	0.0403	<0.00002	0.00067
	HC-46	105															
	HC-46	110	17.4	<0.5	<0.5	24.9	<0.05		0.5					17.7	0.0363	0.00002	0.00064
	HC-46	105															
	HC-46	110	25.0	<0.5	<0.5	24.4	<0.05		<0.5					20.0	0.0473	<0.00002	0.00075
	HC-46	130															
	HC-46	130	23.6	<0.5	<0.5	20.9	<0.05		<0.5					19.4	0.0396	<0.00002	0.00061
	HC-46	120															
	HC-46	120	18.6	<0.5	<0.5	22.3	<0.05		<0.5					18.2	0.0468	<0.00002	0.00070
	HC-46	115															
	HC-46	135	20.3	<0.5	<0.5	23.0	<0.05		<0.5					18.9	0.0382	<0.00002	0.00067
	HC-46	125															
	HC-46	135	13.8	<0.5	<0.5	23.7	<0.05		<0.5					18.3	0.0396	<0.00002	0.00072
	HC-46	130															
	HC-46	130	14.8	<0.5	<0.5	22.5	<0.05		<0.5					17.1	0.0379	<0.00002	0.00069
	HC-46	125															
	HC-46	135	14.8	<0.5	<0.5	24.3	<0.05		<0.5					18.0	0.0372	<0.00002	0.00067
	HC-46	130															
	HC-46	150	12.7	<0.5	<0.5	23.5	<0.05		<0.5					17.7	0.0386	<0.00002	0.00071
	HC-46	125															
	HC-46	140	9.7	<0.5	<0.5	24.1	<0.05		0.5					17.2	0.0383	<0.00002	0.00077
	HC-46	140															
	HC-46	130	10.9	<0.5	<0.5	22.6	<0.05		<0.5					17.3	0.0411	<0.00002	0.00078
	HC-46	130															
	HC-46	135	9.9	<0.5	<0.5	22.1	<0.05		0.8					16.4	0.0401	<0.00002	0.00082
	HC-46	140															
	HC-46	135	9.1	<0.5	<0.5	21.1	<0.05		<0.5					15.5	0.0403	<0.00002	0.00082
	HC-46	135															
	HC-46	150	7.1	<0.5	<0.5	21.5	<0.05		0.7					15.0	0.0389	<0.00002	0.00081
	HC-46																
	HC-46	115															



Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-46															
	HC-46	0.00297	<0.00001	<0.000005	<0.05	0.00154	<0.000005	7.07	<0.0001	0.000014	0.00031	<0.00005	0.009	0.000005	0.0016	2.41
	HC-46															
	HC-46	0.00216	<0.00001	<0.000005	<0.05	0.00121	<0.000005	5.93	<0.0001	0.000018	0.00099	<0.00005	0.013	0.000028	0.0013	1.93
	HC-46															
	HC-46	0.00219	<0.00001	<0.000005	<0.05	0.00112	<0.000005	6.33	<0.0001	0.000016	0.00054	<0.00005	0.005	0.000010	0.0016	1.85
	HC-46															
	HC-46	0.00180	<0.00001	<0.000005	<0.05	0.00100	<0.000005	6.63	<0.0001	0.000019	0.00029	<0.00005	0.008	0.000006	0.0009	1.97
	HC-46															
	HC-46	0.00149	<0.00001	<0.000005	<0.05	0.00085	0.000009	5.58	<0.0001	0.000016	0.00044	<0.00005	0.013	0.000131	0.0007	1.68
	HC-46															
	HC-46	0.00129	<0.00001	<0.000005	<0.05	0.00072	<0.000005	5.31	<0.0001	0.000019	0.00022	<0.00005	0.009	0.000010	0.0009	1.48
	HC-46															
	HC-46	0.00129	<0.00001	<0.000005	<0.05	0.00075	<0.000005	5.38	<0.0001	0.000013	0.00117	<0.00005	0.010	0.000005	0.0008	1.57
	HC-46															
	HC-46	0.00199	<0.00001	<0.000005	<0.05	0.00068	<0.000005	4.88	<0.0001	0.000018	0.00023	<0.00005	0.005	0.000047	0.0008	1.33
	HC-46															
	HC-46	0.00134	<0.00001	<0.000005	<0.05	0.00080	<0.000005	5.48	<0.0001	0.000018	0.00022	<0.00005	0.007	0.000010	0.0007	1.52
	HC-46															
	HC-46	0.00135	<0.00001	<0.000005	<0.05	0.00078	<0.000005	5.25	<0.0001	0.000018	0.00023	<0.00005	0.007	<0.000005	0.0009	1.52
	HC-46															
	HC-46	0.00128	<0.00001	<0.000005	<0.05	0.00074	<0.000005	4.98	<0.0001	0.000019	0.00020	<0.00005	0.011	0.000007	0.0005	1.40
	HC-46															
	HC-46	0.00131	<0.00001	<0.000005	<0.05	0.00074	<0.000005	5.24	<0.0001	0.000023	0.00016	<0.00005	0.009	0.000006	0.0006	1.41
	HC-46															
	HC-46	0.00111	<0.00001	<0.000005	<0.05	0.00063	0.000005	5.08	<0.0001	0.000017	0.00020	<0.00005	0.005	<0.000005	0.0009	1.37
	HC-46															
	HC-46	0.00105	<0.00001	<0.000005	<0.05	0.00059	<0.000005	4.73	<0.0001	0.000009	0.00041	<0.00005	0.010	0.000006	0.0007	1.29
	HC-46															
	HC-46	0.00111	<0.00001	<0.000005	<0.05	0.00059	<0.000005	4.94	<0.0001	0.000033	0.00031	<0.00005	0.004	0.000009	0.0007	1.37
	HC-46															
	HC-46	0.00092	<0.00001	<0.000005	<0.05	0.00051	<0.000005	4.88	<0.0001	0.000032	0.00017	<0.00005	0.003	0.000007	0.0006	1.35
	HC-46															
	HC-46	0.00090	<0.00001	<0.000005	<0.05	0.00054	<0.000005	4.86	<0.0001	0.000032	0.00023	<0.00005	0.004	<0.000005	<0.0005	1.23
	HC-46															
	HC-46	0.00082	<0.00001	<0.000005	<0.05	0.00058	<0.000005	4.81	0.0003	0.000008	0.00010	<0.00005	0.004	0.000005	0.0008	1.28
	HC-46															
	HC-46	0.00125	<0.00001	<0.000005	<0.05	0.00055	<0.000005	4.62	<0.0001	0.000043	0.00073	<0.00005	0.005	<0.000005	<0.0005	1.17
	HC-46															
	HC-46	0.00062	<0.00001	<0.000005	<0.05	0.00042	<0.000005	4.29	<0.0001	0.000031	0.00010	<0.00005	0.003	<0.000005	0.0006	1.16
	HC-46															
	HC-46	0.00057	<0.00001	<0.000005	<0.05	0.00042	<0.000005	4.25	<0.0001	0.000041	0.00014	<0.00005	0.002	0.000006	<0.0005	1.07
	HC-46															
	HC-46															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-46															
	HC-46	0.00063	<0.00001	0.006	0.00033	0.00007	4.44	0.00562	0.00004	0.8	<0.000005	23.5	0.0277	20	<0.00002	<0.000002
	HC-46															
	HC-46	0.00066	<0.00001	0.004	0.00032	0.00015	3.43	0.00444	<0.00004	0.8	<0.000005	17.2	0.0226	14	<0.00002	<0.000002
	HC-46															
	HC-46	0.00050	<0.00001	0.002	0.00032	0.00013	3.10	0.00395	<0.00004	0.8	<0.000005	15.3	0.0215	12	<0.00002	<0.000002
	HC-46															
	HC-46	0.00051	<0.00001	0.005	0.00034	0.00007	3.01	0.00393	<0.00004	0.9	<0.000005	14.4	0.0214	13	<0.00002	<0.000002
	HC-46															
	HC-46	0.00063	<0.00001	0.004	0.00037	0.00007	2.73	0.00345	0.00004	0.9	<0.000005	12.2	0.0177	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00059	<0.00001	0.003	0.00034	0.00009	2.40	0.00306	0.00004	0.8	<0.000005	10.7	0.0162	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00038	<0.00001	0.003	0.00035	0.00009	2.55	0.00321	0.00004	0.9	<0.000005	10.4	0.0184	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00034	<0.00001	<0.002	0.00036	0.00024	2.27	0.00287	0.00004	0.9	<0.000005	8.73	0.0145	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00038	<0.00001	0.003	0.00046	0.00007	2.73	0.00332	0.00005	1.0	<0.000005	10.8	0.0165	<10	<0.00002	0.000002
	HC-46															
	HC-46	0.00023	<0.00001	0.005	0.00046	0.00008	2.56	0.00324	0.00005	0.9	<0.000005	10.5	0.0158	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00030	<0.00001	0.002	0.00053	0.00011	2.55	0.00313	0.00005	0.9	<0.000005	9.68	0.0143	<10	<0.00002	0.000002
	HC-46															
	HC-46	0.00019	<0.00001	0.003	0.00051	0.00011	2.49	0.00328	0.00005	0.9	<0.000005	9.25	0.0150	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00026	<0.00001	<0.002	0.00051	0.00016	2.10	0.00261	<0.00004	0.9	<0.000005	8.17	0.0134	<10	<0.00002	0.000005
	HC-46															
	HC-46	0.00020	<0.00001	<0.002	0.00049	0.00005	2.19	0.00257	<0.00004	0.9	<0.000005	7.99	0.0136	<10	<0.00002	0.000002
	HC-46															
	HC-46	0.00022	<0.00001	<0.002	0.00052	0.00015	2.25	0.00280	0.00005	0.9	<0.000005	8.28	0.0138	<10	<0.00002	0.000004
	HC-46															
	HC-46	0.00031	<0.00001	0.003	0.00053	0.00009	1.95	0.00232	0.00005	0.9	<0.000005	6.93	0.0135	<10	<0.00002	0.000002
	HC-46															
	HC-46	0.00026	<0.00001	0.003	0.00053	0.00009	1.94	0.00251	0.00005	0.9	<0.000005	5.91	0.0123	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00025	<0.00001	0.004	0.00059	0.00009	1.88	0.00229	0.00005	1.1	<0.000005	6.11	0.0122	<10	<0.00002	0.000002
	HC-46															
	HC-46	0.00031	<0.00001	<0.002	0.00056	0.00008	1.72	0.00224	0.00006	0.9	<0.000005	5.55	0.0112	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00017	<0.00001	0.004	0.00050	0.00008	1.62	0.00205	0.00005	0.9	<0.000005	5.34	0.0104	<10	<0.00002	<0.000002
	HC-46															
	HC-46	0.00018	<0.00001	0.003	0.00049	0.00008	1.43	0.00191	0.00005	0.8	<0.000005	4.62	0.0093	<10	<0.00002	0.000002
	HC-46															
	HC-46															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00007	0.000062	0.0005	0.0002	<0.0001	<0.002				1.75	1.69	1.57
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00008	0.000071	0.0008	0.0007	<0.0001	<0.002				1.34	1.29	1.86
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00008	0.000085	0.0012	0.0002	<0.0001	<0.002				1.23	1.22	0.41
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00008	0.000064	<0.0002	0.0007	<0.0001	<0.002				1.15	1.20	-2.17
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00009	0.000083	0.0002	0.0004	<0.0001	<0.002				0.93	1.0	-4.88
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00007	0.000080	0.0003	0.0003	<0.0001	<0.002				0.88	0.9	-2.05
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000079	<0.0002	0.0002	<0.0001	<0.002				0.94	0.9	0.81
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00007	0.000078	<0.0002	0.0003	<0.0001	<0.002				0.88	0.8	4.79
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00007	0.000091	<0.0002	0.0003	<0.0001	<0.002				1.01	0.9	3.33
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000069	<0.0002	0.0001	<0.0001	<0.002				0.91	0.9	-0.11
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000086	<0.0002	0.0001	<0.0001	<0.002				0.83	0.9	-1.30
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000079	0.0002	0.0005	<0.0001	<0.002				0.88	0.848	2.02
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00007	0.000090	<0.0002	0.0002	<0.0001	<0.002				0.76	0.78	-1.30
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00005	0.000078	<0.0002	0.0001	<0.0001	<0.002				0.76	0.75	0.60
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00005	0.000080	0.0004	0.0003	<0.0001	0.002				0.79	0.78	0.83
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00007	0.000076	<0.0002	0.0004	<0.0001	<0.002				0.74	0.71	1.73
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000076	<0.0002	0.0003	<0.0001	<0.002				0.70	0.66	3.25
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000068	<0.0002	0.0006	<0.0001	<0.002				0.68	0.66	1.19
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00005	0.000067	<0.0002	0.0005	<0.0001	<0.002				0.67	0.62	4.19
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00005	0.000062	<0.0002	0.0002	<0.0001	<0.002				0.61	0.59	1.92
	HC-46															
	HC-46	<0.000005	<0.0002	<0.0005	0.00006	0.000064	<0.0002	0.0002	<0.0001	<0.002				0.60	0.54	4.83
	HC-46															
	HC-46															



Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	0	25-Dec-12	750	560	8.66	181
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	1	01-Jan-13	500	500	8.24	245
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	2	08-Jan-13	500	470	8.29	225
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	3	15-Jan-13	500	470	8.12	177
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	4	22-Jan-13	500	475	8.34	142
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	5	29-Jan-13	500	465	8.03	112
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	6	05-Feb-13	500	470	7.99	101
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	7	12-Feb-13	500	470	7.94	97.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	8	19-Feb-13	500	460	7.91	92.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	9	26-Feb-13	500	480	7.93	79.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	10	05-Mar-13	500	480	8.13	89.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	11	12-Mar-13	500	465	7.96	81.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	12	19-Mar-13	500	465	8.03	80.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	13	26-Mar-13	500	475	8.00	80.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	14	02-Apr-13	500	480	8.00	75.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	15	09-Apr-13	500	480	7.95	73.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	16	16-Apr-13	500	465	7.96	73.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	17	23-Apr-13	500	485	7.80	69.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	18	30-Apr-13	500	475	7.78	69.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	19	07-May-13	500	455	7.70	66.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	20	14-May-13	500	485	7.79	78.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	21	21-May-13	500	485		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	22	28-May-13	500	475	7.72	74.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	23	04-Jun-13	500	480		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	24	11-Jun-13	500	475	7.74	69.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	25	18-Jun-13	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	26	25-Jun-13	500	480	7.76	68.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	27	02-Jul-13	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	28	09-Jul-13	500	475	7.71	69.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	29	16-Jul-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	30	23-Jul-13	500	465	7.71	70.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	31	30-Jul-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	32	06-Aug-13	500	480	7.71	70.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	33	13-Aug-13	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	34	20-Aug-13	500	470	7.54	73.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	35	27-Aug-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	36	03-Sep-13	500	475	7.50	69.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	37	10-Sep-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	38	17-Sep-13	500	480	7.29	66.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	39	24-Sep-13	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	40	01-Oct-13	500	470	7.47	69.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	41	08-Oct-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	42	15-Oct-13	500	470	7.46	67.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	43	22-Oct-13	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	44	29-Oct-13	500	475	7.31	68.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	45	05-Nov-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	46	12-Nov-13	500	480	7.28	70.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	47	19-Nov-13	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	48	26-Nov-13	500	470	7.52	80.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	49	03-Dec-13	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	50	10-Dec-13	500	475	7.59	83.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-1	HC-01	115	46.8	<0.5	<0.5	22.8	0.09	0.018	2.4	<2	<0.5			54.1	0.0925	0.00017	0.00157
BR01-1	HC-01	115	82.2	<0.5	1.1	30.3	0.12	0.025	2.4	<2	<0.5			86.9	0.102	0.00029	0.01210
BR01-1	HC-01	160	69.9	<0.5	<0.5	24.8	0.13	0.014	1.8	<2	<0.5			72.8	0.124	0.00025	0.01730
BR01-1	HC-01	130	52.1	<0.5	<0.5	24.9	0.13	<0.01	1.0	<2	<0.5			62.8	0.120	0.00025	0.01920
BR01-1	HC-01	145	35.8	<0.5	<0.5	25.8	0.10	<0.01	0.6	<0.02	<0.005			49.1	0.098	0.00022	0.01990
BR01-1	HC-01	145	23.2	<0.5	<0.5	23.5	0.11	<0.01	0.6					39.4	0.105	0.00022	0.02400
BR01-1	HC-01	140	22.3	<0.5	<0.5	25.7	0.11	<0.01	0.7					38.3	0.115	0.00024	0.03260
BR01-1	HC-01	140	18.5	<0.5	<0.5	25.6	0.11	<0.01	0.6					37.3	0.128	0.00023	0.03910
BR01-1	HC-01	125	15.2	<0.5	<0.5	26.2	0.10	<0.01	<0.5					38.5	0.117	0.00023	0.04400
BR01-1	HC-01	130	13.3	<0.5	<0.5	24.8	0.08	<0.01	<0.5					32.2	0.128	0.00022	0.04250
BR01-1	HC-01	145	15.4	<0.5	<0.5	25.6	0.07	<0.01	0.6					34.1	0.139	0.00021	0.04960
BR01-1	HC-01	140	13.9	<0.5	<0.5	25.3	0.06	<0.01	0.7					33.3	0.095	0.00019	0.04570
BR01-1	HC-01	150	12.2	<0.5	<0.5	27.3	<0.05	<0.01	<0.5					33.1	0.090	0.00020	0.05260
BR01-1	HC-01	130	11.5	<0.5	<0.5	26.3	0.06	<0.01	<0.5					31.5	0.109	0.00018	0.05080
BR01-1	HC-01	130	11.1	<0.5	0.8	24.1	<0.05	<0.01	<0.5					30.6	0.101	0.00020	0.05490
BR01-1	HC-01	140	10.2	<0.5	<0.5	22.7	<0.05	<0.01	0.6					31.7	0.102	0.00019	0.05550
BR01-1	HC-01	125	10.1	<0.5	<0.5	24.0	<0.05	<0.01	<0.5					32.5	0.100	0.00017	0.05650
BR01-1	HC-01	150	10.0	<0.5	<0.5	22.5	<0.05	<0.01	<0.5					29.2	0.103	0.00017	0.05040
BR01-1	HC-01	135	10.1	<0.5	<0.5	18.0	<0.05	<0.01	<0.5					27.0	0.040	0.00016	0.05130
BR01-1	HC-01	125	11.1	<0.5	<0.5	16.7	<0.05	<0.01	<0.5					27.3	0.091	0.00015	0.06250
BR01-1	HC-01	130	12.1	<0.5	<0.5	21.9	<0.05	<0.01	<0.5					29.0	0.102	0.00016	0.06330
BR01-1	HC-01																
BR01-1	HC-01	135	12.1	<0.5	<0.5	22.5	<0.05	<0.01	<0.5					30.8	0.101	0.00015	0.06650
BR01-1	HC-01																
BR01-1	HC-01	130	11.5	<0.5	<0.5	23.0	<0.05	<0.01	<0.5					31.6	0.0857	0.00012	0.06430
BR01-1	HC-01																
BR01-1	HC-01	130	11.1	<0.5	<0.5	16.7	<0.05	<0.01	<0.5					29.5	0.0678	0.00011	0.05710
BR01-1	HC-01																
BR01-1	HC-01	170	12.7	<0.5	<0.5	16.5	<0.05	<0.01	<0.5					28.2	0.0653	0.00010	0.05950
BR01-1	HC-01																
BR01-1	HC-01	135	12.8	<0.5	<0.5	16.7	<0.05	<0.01	<0.5					29.8	0.0814	0.00010	0.06230
BR01-1	HC-01																
BR01-1	HC-01	140	14.1	<0.5	<0.5	16.7	<0.05	<0.01	<0.5					30.3	0.0725	0.00009	0.05510
BR01-1	HC-01																
BR01-1	HC-01	150	13.6	<0.5	<0.5	17.5	<0.05	<0.01	<0.5					28.3	0.0648	0.00008	0.05220
BR01-1	HC-01																
BR01-1	HC-01	160	13.2	<0.5	<0.5	16.0	<0.05	<0.01	<0.5					30.5	0.0480	0.00008	0.04880
BR01-1	HC-01																
BR01-1	HC-01	155	15.3	<0.5	<0.5	14.4	<0.05	<0.01	0.6					28.6	0.0433	0.00006	0.04160
BR01-1	HC-01																
BR01-1	HC-01	145	15.2	<0.5	<0.5	15.2	<0.05	<0.01	<0.5					29.9	0.0554	0.00007	0.04320
BR01-1	HC-01																
BR01-1	HC-01	140	16.5	<0.5	<0.5	15.5	<0.05	<0.01	<0.5					32.2	0.0669	0.00006	0.04190
BR01-1	HC-01																
BR01-1	HC-01	135	17.1	<0.5	<0.5	14.5	<0.05	<0.01	<0.5					29.0	0.0444	0.00006	0.03470
BR01-1	HC-01																
BR01-1	HC-01	145	16.6	<0.5	0.8	14.8	<0.05	<0.01	<0.5					28.8	0.0420	0.00006	0.03060
BR01-1	HC-01																
BR01-1	HC-01	150	18.0	<0.5	<0.5	15.7	<0.05	<0.01	<0.5					33.5	0.0497	0.00007	0.03630
BR01-1	HC-01																
BR01-1	HC-01	150	19.4	<0.5	<0.5	15.6	<0.05	<0.01	<0.5					34.5	0.0629	0.00006	0.03680

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-1	HC-01	0.00473	<0.00001	<0.000005	<0.05	0.00014	0.000008	14.9	<0.0001	0.000180	0.00131	<0.00005	0.004	0.000028	0.0098	4.08
BR01-1	HC-01	0.00562	<0.00001	<0.000005	<0.05	0.00011	0.000006	23.2	<0.0001	0.000302	0.00030	<0.00005	0.001	0.000058	0.0117	7.02
BR01-1	HC-01	0.00317	<0.00001	<0.000005	<0.05	0.00009	0.000005	19.1	<0.0001	0.000256	0.00019	<0.00005	0.003	0.000031	0.0100	6.11
BR01-1	HC-01	0.00351	<0.00001	<0.000005	<0.05	0.00009	0.000005	16.7	0.0001	0.000292	0.00021	<0.00005	0.006	0.000030	0.0098	5.13
BR01-1	HC-01	0.00187	<0.00001	<0.000005	<0.05	0.00008	0.000009	13.2	0.0001	0.000332	0.00116	<0.00005	0.008	0.000471	0.0074	3.91
BR01-1	HC-01	0.00145	<0.00001	<0.000005	<0.05	0.00007	0.000006	11.0	<0.0001	0.000250	0.00116	<0.00005	0.008	0.000035	0.0066	2.93
BR01-1	HC-01	0.00214	<0.00001	<0.000005	<0.05	0.00005	<0.000005	10.7	<0.0001	0.000251	0.00024	<0.00005	0.007	0.000034	0.0065	2.83
BR01-1	HC-01	0.00130	<0.00001	<0.000005	<0.05	0.00005	<0.000005	10.8	<0.0001	0.000274	0.00013	<0.00005	0.010	0.000036	0.0062	2.50
BR01-1	HC-01	0.00148	<0.00001	<0.000005	<0.05	0.00006	0.000008	11.7	0.0001	0.000318	0.00032	<0.00005	0.011	0.000177	0.0063	2.28
BR01-1	HC-01	0.00120	<0.00001	<0.000005	<0.05	<0.00005	0.000005	9.63	0.0002	0.000330	0.00028	0.00007	0.029	0.000062	0.0054	1.97
BR01-1	HC-01	0.00127	<0.00001	<0.000005	<0.05	0.00006	0.000009	10.4	0.0001	0.000325	0.00029	<0.00005	0.016	0.000056	0.0053	1.96
BR01-1	HC-01	0.00111	<0.00001	<0.000005	<0.05	0.00007	0.000010	10.1	0.0001	0.000388	0.00028	<0.00005	0.011	0.000041	0.0050	1.98
BR01-1	HC-01	0.00270	<0.00001	<0.000005	<0.05	<0.00005	0.000005	10.3	0.0001	0.000357	0.00031	<0.00005	0.011	0.000086	0.0044	1.81
BR01-1	HC-01	0.00305	<0.00001	<0.000005	<0.05	<0.00005	0.000005	9.87	0.0002	0.000338	0.00025	<0.00005	0.010	0.000055	0.0043	1.66
BR01-1	HC-01	0.00100	<0.00001	<0.000005	<0.05	0.00006	0.000009	9.63	<0.0001	0.000381	0.00019	<0.00005	0.013	0.000349	0.0041	1.59
BR01-1	HC-01	0.00097	<0.00001	0.000008	<0.05	<0.00005	0.000013	10.3	<0.0001	0.000350	0.00027	<0.00005	0.009	0.000659	0.0037	1.47
BR01-1	HC-01	0.00103	<0.00001	<0.000005	<0.05	<0.00005	0.000010	10.6	<0.0001	0.000347	0.00063	<0.00005	0.007	0.000061	0.0036	1.45
BR01-1	HC-01	0.00271	<0.00001	<0.000005	<0.05	<0.00005	0.000010	9.45	0.0001	0.000414	0.00040	<0.00005	0.015	0.000201	0.0035	1.37
BR01-1	HC-01	0.00108	<0.00001	<0.000005	<0.05	<0.00005	0.000030	8.81	<0.0001	0.000452	0.00038	<0.00005	0.031	0.000024	0.0030	1.21
BR01-1	HC-01	0.00085	<0.00001	<0.000005	<0.05	<0.00005	0.000018	9.09	0.0001	0.000350	0.00016	<0.00005	0.007	0.000076	0.0031	1.12
BR01-1	HC-01	0.00105	<0.00001	<0.000005	<0.05	<0.00005	0.000011	9.56	<0.0001	0.000445	0.00025	<0.00005	0.017	0.000069	0.0032	1.26
BR01-1	HC-01															
BR01-1	HC-01	0.00093	<0.00001	<0.000005	<0.05	<0.00005	0.000008	10.3	<0.0001	0.000368	0.00009	<0.00005	0.006	0.000028	0.0034	1.23
BR01-1	HC-01															
BR01-1	HC-01	0.00129	<0.00001	<0.000005	<0.05	<0.00005	0.000011	10.7	<0.0001	0.000477	0.00024	<0.00005	0.013	0.000065	0.0031	1.16
BR01-1	HC-01															
BR01-1	HC-01	0.00104	<0.00001	<0.000005	<0.05	<0.00005	0.000012	10.1	0.0003	0.000469	0.00020	<0.00005	0.008	0.000096	0.0027	1.02
BR01-1	HC-01															
BR01-1	HC-01	0.00086	<0.00001	0.000028	<0.05	0.00005	0.000014	9.73	<0.0001	0.000440	0.00124	<0.00005	0.006	0.000103	0.0027	0.94
BR01-1	HC-01															
BR01-1	HC-01	0.00085	<0.00001	<0.000005	<0.05	<0.00005	0.000011	10.3	<0.0001	0.000426	0.00016	<0.00005	0.006	0.000039	0.0029	0.99
BR01-1	HC-01															
BR01-1	HC-01	0.00601	<0.00001	<0.000005	<0.05	<0.00005	0.000012	10.6	0.0002	0.000534	0.00410	<0.00005	0.011	0.000031	0.0025	0.91
BR01-1	HC-01															
BR01-1	HC-01	0.00177	<0.00001	<0.000005	<0.05	<0.00005	0.000014	9.88	<0.0001	0.000472	0.00136	<0.00005	0.004	0.000035	0.0025	0.89
BR01-1	HC-01															
BR01-1	HC-01	0.00106	<0.00001	<0.000005	<0.05	<0.00005	0.000015	10.8	<0.0001	0.000570	0.00020	<0.00005	0.004	0.000035	0.0022	0.84
BR01-1	HC-01															
BR01-1	HC-01	0.00091	<0.00001	<0.000005	<0.05	<0.00005	0.000018	10.3	<0.0001	0.000553	0.00020	<0.00005	0.003	0.000122	0.0019	0.73
BR01-1	HC-01															
BR01-1	HC-01	0.00101	<0.00001	<0.000005	<0.05	<0.00005	0.000015	10.7	<0.0001	0.000642	0.00024	<0.00005	0.013	0.000039	0.0020	0.80
BR01-1	HC-01															
BR01-1	HC-01	0.00101	<0.00001	<0.000005	<0.05	<0.00005	0.000019	11.6	<0.0001	0.000588	0.00019	<0.00005	0.007	0.000037	0.0018	0.80
BR01-1	HC-01															
BR01-1	HC-01	0.00089	<0.00001	<0.000005	<0.05	<0.00005	0.000020	10.3	<0.0001	0.000742	0.00021	<0.00005	0.005	0.000090	0.0020	0.80
BR01-1	HC-01															
BR01-1	HC-01	0.00145	<0.00001	<0.000005	<0.05	<0.00005	0.000022	10.5	<0.0001	0.000729	0.00015	<0.00005	0.005	0.000133	0.0012	0.64
BR01-1	HC-01															
BR01-1	HC-01	0.00105	<0.00001	<0.000005	<0.05	<0.00005	0.000020	12.2	<0.0001	0.000692	0.00013	<0.00005	0.004	0.001080	0.0019	0.71
BR01-1	HC-01															
BR01-1	HC-01	0.00088	<0.00001	<0.000005	<0.05	<0.00005	0.000017	12.5	<0.0001	0.000666	0.00016	<0.00005	0.005	0.000123	0.0021	0.76

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-1	HC-01	0.0452	<0.00001	0.006	0.00184	0.00658	10.60	0.01300	0.00104	0.6	<0.000005	4.42	0.0420	18	<0.00002	0.000036
BR01-1	HC-01	0.0841	<0.00001	<0.002	0.00390	0.00446	11.10	0.01300	0.00161	1.4	<0.000005	5.46	0.0640	31	<0.00002	0.000039
BR01-1	HC-01	0.0567	<0.00001	0.003	0.00409	0.00290	9.37	0.01120	0.00146	1.4	<0.000005	4.07	0.0504	26	<0.00002	0.000033
BR01-1	HC-01	0.0532	<0.00001	<0.002	0.00386	0.00233	7.96	0.00901	0.00087	1.4	<0.000005	2.86	0.0396	19	<0.00002	0.000028
BR01-1	HC-01	0.0475	<0.00001	0.016	0.00317	0.00189	6.13	0.00740	0.00057	1.3	0.000009	1.84	0.0306	13	<0.00002	0.000025
BR01-1	HC-01	0.0386	<0.00001	0.009	0.00242	0.00136	4.94	0.00592	0.00034	1.3	<0.000005	1.11	0.0226	<10	0.00005	0.000022
BR01-1	HC-01	0.0388	<0.00001	0.009	0.00207	0.00116	4.81	0.00541	0.00029	1.4	<0.000005	0.92	0.0219	<10	<0.00002	0.000025
BR01-1	HC-01	0.0395	<0.00001	<0.002	0.00186	0.00102	4.28	0.00529	0.00030	1.5	<0.000005	0.67	0.0211	<10	<0.00002	0.000020
BR01-1	HC-01	0.0363	<0.00001	0.004	0.00144	0.00133	3.94	0.00522	0.00027	1.9	<0.000005	0.56	0.0194	<10	<0.00002	0.000020
BR01-1	HC-01	0.0353	0.00002	0.006	0.00135	0.00101	3.29	0.00461	0.00023	1.4	<0.000005	0.42	0.0181	<10	0.00002	0.000018
BR01-1	HC-01	0.0405	<0.00001	<0.002	0.00136	0.00096	3.10	0.00456	0.00024	1.4	<0.000005	0.36	0.0176	<10	<0.00002	0.000018
BR01-1	HC-01	0.0388	<0.00001	0.006	0.00136	0.00109	2.93	0.00454	0.00027	1.3	<0.000005	0.36	0.0174	<10	0.00003	0.000018
BR01-1	HC-01	0.0360	<0.00001	0.005	0.00124	0.00106	2.83	0.00395	0.00017	1.4	<0.000005	0.30	0.0160	<10	<0.00002	0.000014
BR01-1	HC-01	0.0372	<0.00001	<0.002	0.00119	0.00085	2.65	0.00395	0.00018	1.3	<0.000005	0.26	0.0164	<10	<0.00002	0.000016
BR01-1	HC-01	0.0393	<0.00001	<0.002	0.00125	0.00086	2.50	0.00397	0.00020	1.3	<0.000005	0.25	0.0150	<10	0.00005	0.000024
BR01-1	HC-01	0.0342	<0.00001	0.005	0.00119	0.00080	2.41	0.00386	0.00022	1.4	<0.000005	0.23	0.0152	<10	<0.00002	0.000022
BR01-1	HC-01	0.0379	<0.00001	<0.002	0.00120	0.00078	2.59	0.00399	0.00020	1.3	<0.000005	0.20	0.0149	<10	<0.00002	0.000022
BR01-1	HC-01	0.0389	<0.00001	0.004	0.00131	0.00114	2.25	0.00361	0.00028	1.1	<0.000005	0.20	0.0148	<10	<0.00002	0.000015
BR01-1	HC-01	0.0345	<0.00001	0.006	0.00097	0.00106	2.02	0.00329	0.00017	1.1	<0.000005	0.21	0.0123	<10	<0.00002	0.000014
BR01-1	HC-01	0.0318	<0.00001	<0.002	0.00119	0.00076	2.05	0.00327	0.00025	1.1	<0.000005	0.17	0.0127	<10	<0.00002	0.000014
BR01-1	HC-01	0.0338	<0.00001	0.003	0.00105	0.00107	2.17	0.00343	0.00020	1.3	<0.000005	0.17	0.0132	<10	<0.00002	0.000011
BR01-1	HC-01															
BR01-1	HC-01	0.0368	<0.00001	<0.002	0.00081	0.00065	2.15	0.00366	0.00022	1.3	<0.000005	0.16	0.0132	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0368	<0.00001	<0.002	0.00108	0.00083	2.03	0.00350	0.00019	1.3	<0.000005	0.16	0.0131	<10	<0.00002	0.000033
BR01-1	HC-01															
BR01-1	HC-01	0.0373	<0.00001	0.018	0.00105	0.00092	1.76	0.00313	0.00013	1.1	<0.000005	0.16	0.0120	<10	<0.00002	0.000021
BR01-1	HC-01															
BR01-1	HC-01	0.0399	<0.00001	<0.002	0.00121	0.00079	1.61	0.00321	0.00009	1.1	0.000005	0.12	0.0116	<10	<0.00002	0.000032
BR01-1	HC-01															
BR01-1	HC-01	0.0453	<0.00001	0.002	0.00125	0.00073	1.75	0.00334	0.00014	1.1	<0.000005	0.14	0.0120	<10	<0.00002	0.000012
BR01-1	HC-01															
BR01-1	HC-01	0.0392	<0.00001	<0.002	0.00129	0.00084	1.64	0.00349	0.00016	1.0	0.000014	0.12	0.0125	<10	<0.00002	0.000009
BR01-1	HC-01															
BR01-1	HC-01	0.0487	<0.00001	<0.002	0.00126	0.00069	1.63	0.00334	0.00014	0.9	<0.000005	0.12	0.0118	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0557	<0.00001	0.010	0.00097	0.00088	1.58	0.00314	0.00013	0.9	0.000009	0.11	0.0104	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0473	<0.00001	0.005	0.00098	0.00094	1.32	0.00310	0.00014	1.0	<0.000005	0.10	0.0103	<10	<0.00002	0.000015
BR01-1	HC-01															
BR01-1	HC-01	0.0512	<0.00001	<0.002	0.00094	0.00130	1.42	0.00327	0.00013	0.9	<0.000005	0.11	0.0105	<10	<0.00002	0.000020
BR01-1	HC-01															
BR01-1	HC-01	0.0549	<0.00001	<0.002	0.00084	0.00087	1.40	0.00311	0.00013	0.9	<0.000005	0.12	0.0104	<10	<0.00002	0.000015
BR01-1	HC-01															
BR01-1	HC-01	0.0584	<0.00001	0.005	0.00088	0.00113	1.22	0.00307	0.00011	0.8	<0.000005	0.10	0.0116	<10	<0.00002	0.000015
BR01-1	HC-01															
BR01-1	HC-01	0.0611	<0.00001	0.007	0.00086	0.00133	1.05	0.00306	0.00010	0.7	<0.000005	0.09	0.0110	<10	<0.00002	0.000015
BR01-1	HC-01															
BR01-1	HC-01	0.0603	<0.00001	0.009	0.00084	0.00098	1.28	0.00324	0.00010	0.9	<0.000005	0.10	0.0109	<10	<0.00002	0.000020
BR01-1	HC-01															
BR01-1	HC-01	0.0632	<0.00001	0.008	0.00088	0.00088	1.28	0.00337	0.00015	0.9	<0.000005	0.12	0.0111	<10	<0.00002	0.000014

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-1	HC-01	<0.000005	0.0005	<0.0005	0.00025	0.000058	0.0002	0.0005	<0.0001	<0.002				1.50	1.56	-1.76
BR01-1	HC-01	<0.000005	0.0003	<0.0005	0.00026	0.000740	0.0004	0.0003	<0.0001	<0.002				2.39	2.27	2.59
BR01-1	HC-01	<0.000005	0.0003	<0.0005	0.00027	0.000579	0.0006	0.0002	<0.0001	<0.002				2.01	1.89	3.18
BR01-1	HC-01	<0.000005	0.0003	<0.0005	0.00024	0.000543	0.0005	0.0003	<0.0001	<0.002				1.62	1.60	0.59
BR01-1	HC-01	<0.000005	0.0004	<0.0005	0.00020	0.000387	0.0006	0.0015	<0.0001	0.003				1.28	1.23	2.07
BR01-1	HC-01	<0.000005	0.0002	<0.0005	0.00024	0.000226	0.0008	0.0017	<0.0001	<0.002				0.98	0.98	0.05
BR01-1	HC-01	<0.000005	0.0003	0.0005	0.00021	0.000216	0.0008	0.0003	<0.0001	<0.002				1.00	0.94	3.08
BR01-1	HC-01	<0.000005	0.0001	<0.0005	0.00021	0.000227	0.0009	0.0002	<0.0001	<0.002				0.92	0.90	1.21
BR01-1	HC-01	<0.000005	0.0002	<0.0005	0.00019	0.000197	0.0009	0.0024	<0.0001	<0.002				0.85	0.91	-3.70
BR01-1	HC-01	<0.000005	0.0002	0.0008	0.00017	0.000215	0.0008	0.0004	<0.0001	<0.002				0.78	0.76	1.04
BR01-1	HC-01	<0.000005	0.0002	0.0006	0.00018	0.000235	0.0010	0.0003	<0.0001	<0.002				0.85	0.79	3.65
BR01-1	HC-01	<0.000005	0.0003	<0.0005	0.00015	0.000278	0.0010	0.0005	<0.0001	<0.002				0.82	0.77	3.15
BR01-1	HC-01	0.000006	0.0002	<0.0005	0.00014	0.000235	0.0009	0.0002	<0.0001	<0.002				0.80	0.76	2.63
BR01-1	HC-01	<0.000005	0.0002	0.0006	0.00023	0.000262	0.0006	0.0003	<0.0001	<0.002				0.77	0.72	3.15
BR01-1	HC-01	0.000011	0.0002	<0.0005	0.00017	0.000267	0.0009	0.0003	<0.0001	<0.002				0.71	0.70	0.92
BR01-1	HC-01	0.000014	0.0007	<0.0005	0.00019	0.000265	0.0008	0.0011	<0.0001	<0.002				0.68	0.72	-2.36
BR01-1	HC-01	<0.000005	0.0002	0.0006	0.00021	0.000270	0.0009	0.0011	<0.0001	<0.002				0.69	0.74	-3.37
BR01-1	HC-01	0.000045	0.0002	0.0007	0.00009	0.000268	0.0008	0.0030	<0.0001	<0.002				0.66	0.66	-0.30
BR01-1	HC-01	<0.000005	0.0003	0.0007	0.00007	0.000326	0.0007	<0.0001	<0.0001	<0.002				0.57	0.61	-3.06
BR01-1	HC-01	0.000007	0.0002	0.0007	0.00009	0.000308	0.0007	0.0014	<0.0001	<0.002				0.57	0.62	-4.31
BR01-1	HC-01	<0.000005	0.0001	<0.0005	0.00008	0.000371	0.0007	0.0007	<0.0001	<0.002				0.69	0.66	2.60
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00007	0.000280	0.0008	0.0002	<0.0001	<0.002				0.70	0.69	0.79
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00008	0.000426	0.0007	0.0003	<0.0001	<0.002				0.70	0.70	-0.14
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	0.0004	<0.0005	0.00007	0.000428	0.0008	0.0005	<0.0001	<0.002				0.57	0.65	-6.83
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00006	0.000449	0.0006	0.0005	<0.0001	<0.002				0.59	0.62	-1.98
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00005	0.000435	0.0007	0.0008	<0.0001	<0.002				0.60	0.66	-4.45
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	0.0002	<0.0005	0.00019	0.000594	0.0006	0.0003	<0.0001	<0.002				0.63	0.66	-2.72
BR01-1	HC-01															
BR01-1	HC-01	0.000007	<0.0002	<0.0005	0.00006	0.000454	0.0005	0.0004	<0.0001	<0.002				0.63	0.62	0.80
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00004	0.000436	0.0005	0.0015	<0.0001	<0.002				0.59	0.66	-5.41
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00004	0.000453	0.0002	0.0005	<0.0001	<0.002				0.62	0.62	0.56
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00004	0.000507	0.0003	0.0005	<0.0001	<0.002				0.62	0.65	-2.13
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00003	0.000458	0.0003	0.0003	<0.0001	<0.002				0.66	0.69	-2.89
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00004	0.000542	0.0003	0.0005	0.0001	<0.002				0.65	0.62	1.81
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	0.0008	<0.0005	0.00003	0.000508	0.0003	0.0015	<0.0001	<0.002				0.64	0.61	2.31
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00003	0.000492	0.0003	0.0003	<0.0001	<0.002				0.69	0.71	-1.78
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00003	0.000480	<0.0002	0.0004	<0.0001	<0.002				0.72	0.74	-1.38

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	51	17-Dec-13	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	52	24-Dec-13	500	475	7.25	84.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	53	31-Dec-13	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	54	07-Jan-14	500	455	7.25	87.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	55	14-Jan-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	56	21-Jan-14	500	475	7.37	81.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	57	28-Jan-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	58	04-Feb-14	500	465	7.15	89.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	59	11-Feb-14	500	455		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	60	18-Feb-14	500	460	7.39	97.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	61	25-Feb-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	62	04-Mar-14	500	475	7.33	99.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	63	11-Mar-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	64	18-Mar-14	500	465	7.28	99.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	65	25-Mar-14	500	460		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	66	01-Apr-14	500	470	7.37	97.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	67	08-Apr-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	68	15-Apr-14	500	465	7.47	106
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	69	22-Apr-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	70	29-Apr-14	500	470	7.39	106
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	71	06-May-14	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	72	13-May-14	500	475	7.25	99.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	73	20-May-14	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	74	27-May-14	500	475	7.44	101
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	75	03-Jun-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	76	10-Jun-14	500	460	7.31	107
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	77	17-Jun-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	78	24-Jun-14	500	475	7.31	104
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	79	01-Jul-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	80	08-Jul-14	500	460	7.33	103
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	81	15-Jul-14	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	82	22-Jul-14	500	475	7.33	102
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	83	29-Jul-14	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	84	05-Aug-14	500	460	7.31	107
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	85	12-Aug-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	86	19-Aug-14	500	465	7.42	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	87	26-Aug-14	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	88	02-Sep-14	500	460	7.49	100
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	89	09-Sep-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	90	16-Sep-14	500	455	7.43	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	91	23-Sep-14	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	92	30-Sep-14	500	460	7.43	98.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	93	07-Oct-14	500	465		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	94	14-Oct-14	500	490	7.53	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	95	21-Oct-14	500	455		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	96	28-Oct-14	500	490	7.55	91.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	97	04-Nov-14	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	98	11-Nov-14	500	460	7.54	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	99	18-Nov-14	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	100	25-Nov-14	500	485	7.54	95.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	101	02-Dec-14	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-1	HC-01																
BR01-1	HC-01	140	20.4	<0.5	0.5	14.7	<0.05	<0.01	<0.5					34.3	0.0467	0.00006	0.03290
BR01-1	HC-01																
BR01-1	HC-01	140	23.6	<0.5	<0.5	12.5	<0.05	<0.01	<0.5					35.4	0.0627	0.00005	0.03180
BR01-1	HC-01																
BR01-1	HC-01	145	21.0	<0.5	<0.5	14.9	<0.05	<0.01	<0.5					35.0	0.0367	0.00005	0.02290
BR01-1	HC-01																
BR01-1	HC-01	140	25.0	<0.5	0.6	13.2	<0.05	<0.01	<0.5					36.6	0.0416	0.00005	0.02100
BR01-1	HC-01																
BR01-1	HC-01	155	28.8	<0.5	<0.5	12.8	<0.05	<0.01	1.1					39.8	0.0373	0.00004	0.01830
BR01-1	HC-01																
BR01-1	HC-01	150	26.0	<0.5	<0.5	14.2	<0.05	<0.01	<0.5					39.1	0.0328	0.00003	0.01470
BR01-1	HC-01																
BR01-1	HC-01	145	27.6	<0.5	<0.5	12.7	<0.05	<0.01	<0.5					38.0	0.0282	0.00003	0.01300
BR01-1	HC-01																
BR01-1	HC-01	155	27.1	<0.5	<0.5	11.6	<0.05	<0.01	<0.5					39.2	0.0290	0.00003	0.01150
BR01-1	HC-01																
BR01-1	HC-01	145	31.2	<0.5	<0.5	13.1	<0.05	<0.01	<0.5					43.8	0.0308	0.00003	0.01170
BR01-1	HC-01																
BR01-1	HC-01	140	29.4	<0.5	<0.5	11.9	<0.05	<0.01	<0.5					45.1	0.0296	0.00003	0.00985
BR01-1	HC-01																
BR01-1	HC-01	130	28.1	<0.5	<0.5	12.9	<0.05	<0.01	<0.5					41.1	0.0229	0.00003	0.00850
BR01-1	HC-01																
BR01-1	HC-01	145	26.5	<0.5	<0.5	11.9	<0.05	<0.01	<0.5					38.7	0.0263	0.00003	0.00841
BR01-1	HC-01																
BR01-1	HC-01	150	29.3	<0.5	<0.5	13.2	<0.05	<0.01	<0.5					46.5	0.0532	0.00002	0.00837
BR01-1	HC-01																
BR01-1	HC-01	150	30.8	<0.5	1.7	12.9	<0.05	<0.01	<0.5					41.9	0.0316	0.00003	0.00891
BR01-1	HC-01																
BR01-1	HC-01	140	28.1	<0.5	<0.5	11.7	<0.05	<0.01	<0.5					46.6	0.0418	0.00002	0.00821
BR01-1	HC-01																
BR01-1	HC-01	140	29.3	<0.5	<0.5	13.6	<0.05	<0.01	<0.5					43.2	0.0449	0.00003	0.00717
BR01-1	HC-01																
BR01-1	HC-01	150	30.0	<0.5	<0.5	13.5			<0.5					42.5	0.0224	0.00002	0.00663
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	140	27.8	<0.5	<0.5	11.5			<0.5					38.6	0.0511	0.00003	0.00506
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	160	28.2	<0.5	2.2	12.1			<0.5					38.5	0.0426	0.00002	0.00449
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	135	24.8	<0.5	<0.5	13.0			<0.5					39.2	0.0247	0.00002	0.00479
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	160	26.8	<0.5	<0.5	12.8			<0.5					39.8	0.0248	0.00002	0.00422
BR01-1	HC-01																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-1	HC-01															
BR01-1	HC-01	0.00091	<0.00001	<0.000005	<0.05	<0.00005	0.000248	12.5	<0.0001	0.000693	0.00019	<0.00005	0.003	0.000395	0.0021	0.75
BR01-1	HC-01															
BR01-1	HC-01	0.00125	<0.00001	<0.000005	<0.05	<0.00005	0.000022	13.1	<0.0001	0.000733	0.00028	<0.00005	0.008	0.000035	0.0021	0.68
BR01-1	HC-01															
BR01-1	HC-01	0.00092	<0.00001	<0.000005	<0.05	<0.00005	0.000022	12.9	<0.0001	0.000879	0.00023	0.00008	0.003	0.000042	0.0015	0.65
BR01-1	HC-01															
BR01-1	HC-01	0.00094	<0.00001	<0.000005	<0.05	<0.00005	0.000021	13.5	<0.0001	0.000845	0.00015	<0.00005	0.003	0.000017	0.0018	0.68
BR01-1	HC-01															
BR01-1	HC-01	0.00095	<0.00001	<0.000005	<0.05	<0.00005	0.000030	14.8	<0.0001	0.000835	0.00014	<0.00005	0.005	0.000172	0.0022	0.71
BR01-1	HC-01															
BR01-1	HC-01	0.00098	<0.00001	<0.000005	<0.05	<0.00005	0.000028	14.6	<0.0001	0.00103	0.00019	<0.00005	0.005	0.000026	0.0018	0.65
BR01-1	HC-01															
BR01-1	HC-01	0.00110	<0.00001	<0.000005	<0.05	<0.00005	0.000061	14.2	<0.0001	0.000963	0.00104	<0.00005	0.003	0.002680	0.0015	0.63
BR01-1	HC-01															
BR01-1	HC-01	0.00104	<0.00001	<0.000005	<0.05	<0.00005	0.000028	14.7	0.0001	0.000989	0.00014	<0.00005	0.003	0.000013	0.0015	0.64
BR01-1	HC-01															
BR01-1	HC-01	0.00105	<0.00001	<0.000005	<0.05	<0.00005	0.000029	16.4	<0.0001	0.000993	0.00017	<0.00005	0.001	0.000014	0.0018	0.68
BR01-1	HC-01															
BR01-1	HC-01	0.00108	<0.00001	<0.000005	<0.05	<0.00005	0.000031	17.0	<0.0001	0.001060	0.00354	<0.00005	0.001	0.000015	0.0018	0.64
BR01-1	HC-01															
BR01-1	HC-01	0.00101	<0.00001	<0.000005	<0.05	<0.00005	0.000026	15.4	<0.0001	0.000932	0.00023	<0.00005	<0.001	0.000011	0.0016	0.62
BR01-1	HC-01															
BR01-1	HC-01	0.00126	<0.00001	<0.000005	<0.05	<0.00005	0.000023	14.5	<0.0001	0.000903	0.00022	<0.00005	0.014	0.000033	0.0016	0.62
BR01-1	HC-01															
BR01-1	HC-01	0.00129	<0.00001	<0.000005	<0.05	0.00006	0.000023	17.5	<0.0001	0.000726	0.00020	0.00011	0.002	0.000083	0.0016	0.70
BR01-1	HC-01															
BR01-1	HC-01	0.00140	<0.00001	<0.000005	<0.05	<0.00005	0.000022	15.7	<0.0001	0.000755	0.00036	<0.00005	0.007	0.000012	0.0015	0.67
BR01-1	HC-01															
BR01-1	HC-01	0.00112	<0.00001	<0.000005	<0.05	<0.00005	0.000020	17.5	<0.0001	0.000677	0.00014	<0.00005	0.003	0.000017	0.0017	0.72
BR01-1	HC-01															
BR01-1	HC-01	0.00120	<0.00001	<0.000005	<0.05	<0.00005	0.000021	16.1	<0.0001	0.000751	0.00019	0.00005	0.014	0.000044	0.0015	0.69
BR01-1	HC-01															
BR01-1	HC-01	0.00172	<0.00001	0.000015	<0.05	0.00005	0.000026	15.7	0.0004	0.00124	0.00054	0.00038	0.022	0.000283	0.0017	0.76
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00125	<0.00001	<0.000005	<0.05	<0.00005	0.000023	14.3	<0.0001	0.000743	0.00027	0.00007	0.035	0.000552	0.0014	0.70
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00191	<0.00001	<0.000005	<0.05	<0.00005	0.000021	14.3	<0.0001	0.000607	0.00031	<0.00005	0.008	0.000597	0.0013	0.67
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00119	<0.00001	<0.000005	<0.05	<0.00005	0.000025	14.6	<0.0001	0.000654	0.00012	<0.00005	0.002	0.000883	0.0012	0.70
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00163	<0.00001	<0.000005	<0.05	<0.00005	0.000065	14.6	<0.0001	0.000742	0.00015	<0.00005	0.005	0.00352	0.0014	0.80
BR01-1	HC-01															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-1	HC-01															
BR01-1	HC-01	0.0737	<0.00001	0.014	0.00089	0.00092	1.38	0.00343	0.00011	0.9	<0.000005	0.12	0.0115	<10	<0.00002	0.000018
BR01-1	HC-01															
BR01-1	HC-01	0.0720	<0.00001	0.008	0.00089	0.00105	1.30	0.00324	0.00011	0.9	<0.000005	0.10	0.0117	<10	<0.00002	0.000012
BR01-1	HC-01															
BR01-1	HC-01	0.0763	<0.00001	0.021	0.00078	0.00113	1.25	0.00303	0.00011	0.8	<0.000005	0.10	0.0108	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0831	<0.00001	0.005	0.00076	0.00110	1.24	0.00314	0.00010	0.7	<0.000005	0.10	0.0111	<10	<0.00002	0.000011
BR01-1	HC-01															
BR01-1	HC-01	0.0887	<0.00001	0.009	0.00081	0.00109	1.22	0.00325	0.00009	0.7	<0.000005	0.10	0.0119	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.100	<0.00001	0.005	0.00081	0.00150	1.19	0.00315	0.00007	0.7	<0.000005	0.08	0.0122	<10	<0.00002	0.000013
BR01-1	HC-01															
BR01-1	HC-01	0.0976	<0.00001	0.016	0.00078	0.00162	1.14	0.00304	0.00009	0.7	<0.000005	0.09	0.0115	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0990	<0.00001	0.005	0.00080	0.00151	1.16	0.00329	0.00008	0.6	0.000005	0.09	0.0114	<10	<0.00002	0.000015
BR01-1	HC-01															
BR01-1	HC-01	0.108	<0.00001	0.003	0.00096	0.00160	1.25	0.00337	0.00009	0.6	<0.000005	0.09	0.0127	11	<0.00002	0.000015
BR01-1	HC-01															
BR01-1	HC-01	0.100	<0.00001	0.003	0.00088	0.00183	1.14	0.00331	0.00008	0.6	<0.000005	0.08	0.0130	<10	<0.00002	0.000017
BR01-1	HC-01															
BR01-1	HC-01	0.0922	<0.00001	0.006	0.00088	0.00182	1.11	0.00315	0.00007	0.6	0.000006	0.08	0.0115	<10	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0809	<0.00001	<0.002	0.00090	0.00181	1.07	0.00325	0.00007	0.5	<0.000005	0.09	0.0106	<10	<0.00002	0.000022
BR01-1	HC-01															
BR01-1	HC-01	0.0798	<0.00001	<0.002	0.00099	0.00139	1.28	0.00385	0.00006	0.7	<0.000005	0.09	0.0115	11	<0.00002	0.000017
BR01-1	HC-01															
BR01-1	HC-01	0.0667	<0.00001	0.005	0.00104	0.00145	1.22	0.00338	0.00008	0.6	<0.000005	0.08	0.0113	11	<0.00002	0.000019
BR01-1	HC-01															
BR01-1	HC-01	0.0549	<0.00001	0.008	0.00099	0.00127	1.28	0.00380	0.00010	0.6	0.000009	0.09	0.0109	13	<0.00002	0.000014
BR01-1	HC-01															
BR01-1	HC-01	0.0533	<0.00001	<0.002	0.00098	0.00126	1.12	0.00363	0.00006	0.6	<0.000005	0.07	0.0108	11	<0.00002	0.000012
BR01-1	HC-01															
BR01-1	HC-01	0.0568	<0.00001	0.008	0.00100	0.00238	1.17	0.00380	0.00007	0.8	<0.000005	0.08	0.0108	<10	<0.00002	0.000021
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0389	<0.00001	0.004	0.00106	0.00144	1.02	0.00328	0.00007	0.5	0.000011	0.07	0.00940	<10	<0.00002	0.000017
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0308	<0.00001	0.004	0.00111	0.00115	0.98	0.00322	0.00008	0.5	<0.000005	0.07	0.00909	<10	<0.00002	0.000021
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0330	<0.00001	<0.002	0.00099	0.00132	0.93	0.00311	0.00006	0.5	<0.000005	0.07	0.00898	<10	<0.00002	0.000027
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0341	<0.00001	<0.002	0.00096	0.00147	0.95	0.00350	0.00009	0.4	<0.000005	0.06	0.00955	<10	<0.00002	0.000032
BR01-1	HC-01															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00003	0.000377	<0.0002	0.0153	<0.0001	<0.002				0.72	0.73	-1.10
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00003	0.000457	0.0003	0.0003	<0.0001	<0.002				0.74	0.76	-0.87
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00002	0.000446	0.0002	0.0006	<0.0001	<0.002				0.74	0.74	-0.54
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00002	0.000446	0.0002	0.0004	<0.0001	<0.002				0.79	0.77	0.77
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00001	0.000508	0.0002	0.0012	<0.0001	<0.002				0.89	0.84	2.73
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000508	<0.0002	0.0004	<0.0001	<0.002				0.83	0.82	0.12
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00001	0.000422	<0.0002	0.0067	<0.0001	<0.002				0.83	0.80	1.78
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	0.0005	0.00002	0.000401	<0.0002	0.0005	<0.0001	<0.002				0.80	0.82	-1.67
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00001	0.000396	<0.0002	0.0004	<0.0001	<0.002				0.91	0.92	-0.38
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000396	<0.0002	0.0004	<0.0001	<0.002				0.85	0.94	-5.02
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	0.00002	0.000338	<0.0002	0.0004	<0.0001	<0.002				0.84	0.86	-0.94
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000317	<0.0002	0.0006	<0.0001	<0.002				0.79	0.81	-1.38
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000261	<0.0002	0.0004	<0.0001	<0.002				0.875	0.976	-5.46
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000279	<0.0002	0.0005	<0.0001	<0.002				0.900	0.878	1.24
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000232	<0.0002	0.0004	<0.0001	<0.002				0.818	0.974	-8.71
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000222	<0.0002	0.0004	<0.0001	<0.002				0.882	0.902	-1.12
BR01-1	HC-01															
BR01-1	HC-01	0.000016	<0.0002	0.0042	<0.00001	0.000204	0.0003	0.0016	<0.0001	<0.002				0.895	0.910	-0.830
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	0.0013	<0.00001	0.000157	<0.0002	0.0012	<0.0001	0.004				0.808	0.810	-0.120
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.000007	<0.0002	<0.0005	0.00001	0.000146	<0.0002	0.0023	<0.0001	<0.002				0.831	0.803	1.71
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000180	<0.0002	0.0012	<0.0001	<0.002				0.775	0.815	-2.52
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000182	<0.0002	0.0063	<0.0001	<0.002				0.814	0.826	-0.73
BR01-1	HC-01															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	102	09-Dec-14	500	460	7.44	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	103	16-Dec-14	500	470		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	104	23-Dec-14	500	475	7.47	83.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	105	30-Dec-14	500	485		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	106	06-Jan-15	500	470	7.56	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	107	13-Jan-15	500	460		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	108	20-Jan-15	500	470	7.43	93.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	109	27-Jan-15	500	480		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	110	03-Feb-15	500	475	7.42	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	111	10-Feb-15	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	112	17-Feb-15	500	460	7.42	91.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	113	24-Feb-15	500	485		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	114	03-Mar-15	500	475	7.45	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	115	10-Mar-15	500	490		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	116	17-Mar-15	500	485	7.42	80.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	117	24-Mar-15	500	480		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	118	31-Mar-15	500	470	7.38	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	119	07-Apr-15	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	120	14-Apr-15	500	475	7.44	85.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	121	21-Apr-15	500	475		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	122	28-Apr-15	500	475	7.55	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	123	05-May-15	500	455		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	124	12-May-15	500	485	7.39	84.0
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	125	19-May-15	500	460		
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	126	26-May-15	500	475	7.39	
BR01-1	HC-01	Goose Main	Greywacke	09GSE17	28.90	31.00	0.46	0.45	0.13	27.88	3.58	127	02-Jun-15	500	480		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	0	25-Dec-12	750	575	9.29	87.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	1	01-Jan-13	500	490	8.59	145
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	2	08-Jan-13	500	480	8.72	126
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	3	15-Jan-13	500	480	8.64	100
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	4	22-Jan-13	500	485	8.49	97.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	5	29-Jan-13	500	475	8.61	91.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	6	05-Feb-13	500	490	8.64	71.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	7	12-Feb-13	500	475	8.47	82.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	8	19-Feb-13	500	485	8.31	89.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	9	26-Feb-13	500	485	8.41	73.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	10	05-Mar-13	500	490	8.54	84.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	11	12-Mar-13	500	495	8.28	83.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	12	19-Mar-13	500	485	8.46	78.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	13	26-Mar-13	500	490	8.34	73.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	14	02-Apr-13	500	490	8.49	75.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	15	09-Apr-13	500	495	8.45	80.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	16	16-Apr-13	500	480	8.26	81.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	170	22.3	<0.5	1.0	11.2			<0.5					34.6	0.0250	<0.00002	0.00379
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	140	24.8	<0.5	<0.5	12.1			<0.5					38.4	0.0240	0.00002	0.00368
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	150	26.0	<0.5	<0.5	12.4			<0.5					36.0	0.0199	<0.00002	0.00315
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	140	20.7	<0.5	<0.5	10.4			<0.5					33.1	0.0202	<0.00002	0.00271
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	170	23.7	<0.5	<0.5	9.7			<0.5					33.9	0.0184	<0.00002	0.00237
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01	110	22.0	<0.5	<0.5	10.9			<0.5					33.8	0.0150	<0.00002	0.00219
BR01-1	HC-01																
BR01-1	HC-01																
BR01-1	HC-01																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-2	HC-02	115	5.0	<0.5	<0.5	25.0	0.06	0.022	4.6	<2	<0.5			18.5	0.0919	0.00205	0.00242
BR01-2	HC-02	115	14.9	<0.5	<0.5	43.4	0.09	0.031	7.8	<2	<0.5			39.8	0.1710	0.01790	0.01130
BR01-2	HC-02	120	11.8	<0.5	<0.5	40.6	0.08	0.015	3.0	<2	<0.5			34.6	0.2180	0.01650	0.01680
BR01-2	HC-02	115	9.5	<0.5	<0.5	35.5	0.07	<0.01	1.3	<2	<0.5			33.2	0.2090	0.01280	0.01810
BR01-2	HC-02	150	9.4	<0.5	<0.5	35.4	0.05	<0.01	0.8	<0.02	<0.005			35.7	0.2380	0.01130	0.02710
BR01-2	HC-02	130	7.7	<0.5	<0.5	34.5	0.05	<0.01	<0.5					36.2	0.2250	0.00918	0.03170
BR01-2	HC-02	135	7.7	<0.5	<0.5	32.4	<0.05	<0.01	0.7					31.7	0.2080	0.00712	0.03300
BR01-2	HC-02	125	8.2	<0.5	<0.5	32.8	<0.05	<0.01	0.6					35.3	0.2380	0.00745	0.04730
BR01-2	HC-02	120	7.1	<0.5	<0.5	35.1	<0.05	<0.01	<0.5					40.7	0.1870	0.00653	0.04090
BR01-2	HC-02	130	7.4	<0.5	<0.5	30.8	<0.05	<0.01	<0.5					32.4	0.2020	0.00523	0.04230
BR01-2	HC-02	140	9.9	<0.5	<0.5	31.7	<0.05	<0.01	0.7					37.1	0.2260	0.00490	0.05160
BR01-2	HC-02	135	11.1	<0.5	<0.5	31.5	<0.05	<0.01	0.6					38.7	0.1760	0.00426	0.04220
BR01-2	HC-02	125	9.3	<0.5	<0.5	29.6	<0.05	<0.01	<0.5					35.3	0.1790	0.00405	0.05030
BR01-2	HC-02	120	9.8	<0.5	<0.5	29.0	<0.05	<0.01	0.6					35.0	0.1830	0.00370	0.04540
BR01-2	HC-02	120	9.3	<0.5	<0.5	28.4	<0.05	<0.01	0.6					34.5	0.1900	0.00357	0.05250
BR01-2	HC-02	120	9.9	<0.5	<0.5	28.4	<0.05	<0.01	<0.5					38.2	0.1870	0.00324	0.05300
BR01-2	HC-02	130	10.9	<0.5	<0.5	29.3	<0.05	<0.01	0.6					39.8	0.1800	0.00309	0.05180

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00277	<0.00001	<0.000005	<0.05	<0.00005	0.000018	12.8	<0.0001	0.000637	0.00131	<0.00005	0.003	0.000015	0.0012	0.67
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00122	<0.00001	<0.000005	<0.05	<0.00005	0.000016	14.1	<0.0001	0.000540	0.00011	<0.00005	0.001	0.000074	0.0016	0.79
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00118	<0.00001	<0.000005	<0.05	<0.00005	0.000015	13.1	<0.0001	0.000585	0.00013	<0.00005	<0.001	0.000017	0.0011	0.78
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00081	<0.00001	<0.000005	<0.05	<0.00005	0.000011	12.0	<0.0001	0.000557	0.00012	<0.00005	<0.001	0.000012	0.0006	0.75
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00102	<0.00001	<0.000005	<0.05	<0.00005	0.000015	12.2	<0.0001	0.000563	0.00010	<0.00005	0.003	0.000015	0.0009	0.85
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.00079	<0.00001	<0.000005	<0.05	<0.00005	0.000020	12.2	<0.0001	0.000628	0.00021	<0.00005	0.001	0.000038	0.0007	0.84
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-2	HC-02	0.00130	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.00	<0.0001	0.000031	0.00128	<0.00005	0.011	0.000030	0.0013	0.86
BR01-2	HC-02	0.00328	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.0	0.0002	0.000114	0.00040	<0.00005	0.005	0.000033	0.0030	2.97
BR01-2	HC-02	0.00173	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.09	0.0001	0.000108	0.00025	<0.00005	0.004	0.000017	0.0029	2.88
BR01-2	HC-02	0.00152	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.78	0.0002	0.000138	0.00037	<0.00005	0.010	0.000096	0.0030	2.73
BR01-2	HC-02	0.00139	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.73	<0.0001	0.000167	0.00028	<0.00005	0.007	0.000024	0.0024	2.76
BR01-2	HC-02	0.00129	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.2	0.0001	0.000192	0.00108	<0.00005	0.008	0.000038	0.0023	2.57
BR01-2	HC-02	0.00114	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.05	0.0001	0.000198	0.00049	<0.00005	0.017	0.000035	0.0019	2.20
BR01-2	HC-02	0.00157	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.1	0.0001	0.000266	0.00024	<0.00005	0.008	0.000021	0.0020	2.41
BR01-2	HC-02	0.00169	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	12.2	0.0001	0.000428	0.00038	<0.00005	0.008	0.000097	0.0021	2.47
BR01-2	HC-02	0.00100	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.60	0.0001	0.000393	0.00027	<0.00005	0.010	0.000028	0.0016	2.04
BR01-2	HC-02	0.00121	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.2	<0.0001	0.000584	0.00033	<0.00005	0.011	0.000038	0.0016	2.23
BR01-2	HC-02	0.00128	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.7	0.0002	0.000713	0.00044	<0.00005	0.010	0.000033	0.0015	2.31
BR01-2	HC-02	0.00221	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.8	0.0002	0.000608	0.00036	<0.00005	0.016	0.000107	0.0013	2.04
BR01-2	HC-02	0.00177	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.7	0.0002	0.000610	0.00048	<0.00005	0.008	0.000032	0.0013	2.01
BR01-2	HC-02	0.00103	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.6	0.0001	0.000619	0.00030	<0.00005	0.013	0.000074	0.0013	1.96
BR01-2	HC-02	0.00124	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.9	0.0001	0.000617	0.00037	<0.00005	0.007	0.000042	0.0013	2.04
BR01-2	HC-02	0.00102	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	12.6	<0.0001	0.000711	0.00038	<0.00005	0.007	0.000044	0.0012	2.03

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0286	<0.00001	0.009	0.00106	0.00132	0.90	0.00308	0.00006	0.4	<0.000005	0.07	0.00803	<10	<0.00002	0.000010
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0258	<0.00001	0.007	0.00104	0.00115	0.94	0.00332	0.00009	0.4	<0.000005	0.07	0.00823	<10	<0.00002	0.000012
BR01-1	HC-01															
BR01-1	HC-01	0.0251	<0.00001	0.004	0.00109	0.00122	0.94	0.00319	0.00007	0.4	<0.000005	0.06	0.00831	<10	<0.00002	0.000009
BR01-1	HC-01															
BR01-1	HC-01	0.0216	<0.00001	0.005	0.00092	0.00117	0.87	0.00302	0.00007	0.5	<0.000005	0.06	0.00743	<10	<0.00002	0.000016
BR01-1	HC-01															
BR01-1	HC-01	0.0206	<0.00001	<0.002	0.00091	0.00120	0.84	0.00303	0.00006	0.3	<0.000005	0.06	0.00771	<10	<0.00002	0.000007
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	0.0209	<0.00001	0.003	0.00086	0.00127	0.75	0.00284	0.00007	0.3	<0.000005	0.05	0.00701	<10	<0.00002	0.000011
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-2	HC-02	0.00399	<0.00001	0.023	0.00132	0.00112	7.76	0.00960	0.00022	1.1	<0.000005	4.41	0.0148	<10	0.00002	0.000003
BR01-2	HC-02	0.0175	<0.00001	0.004	0.00474	0.00076	10.10	0.01170	0.00045	1.5	<0.000005	6.52	0.0345	<10	<0.00002	0.000003
BR01-2	HC-02	0.0138	<0.00001	0.005	0.00332	0.00055	8.39	0.00964	0.00045	1.5	<0.000005	4.54	0.0281	<10	<0.00002	0.000003
BR01-2	HC-02	0.0160	<0.00001	0.004	0.00204	0.00057	6.10	0.00710	0.00035	1.3	<0.000005	2.72	0.0251	<10	<0.00002	0.000002
BR01-2	HC-02	0.0172	<0.00001	0.003	0.00133	0.00048	5.03	0.00629	0.00034	1.5	<0.000005	1.78	0.0251	<10	<0.00002	0.000002
BR01-2	HC-02	0.0182	<0.00001	0.011	0.00084	0.00055	3.94	0.00507	0.00032	1.5	<0.000005	1.19	0.0233	<10	<0.00002	0.000003
BR01-2	HC-02	0.0193	<0.00001	0.007	0.00059	0.00039	2.94	0.00391	0.00038	1.2	<0.000005	0.79	0.0211	<10	<0.00002	0.000004
BR01-2	HC-02	0.0233	0.00001	0.003	0.00061	0.00054	2.91	0.00364	0.00043	1.5	<0.000005	0.74	0.0234	<10	0.00003	0.000002
BR01-2	HC-02	0.0322	<0.00001	0.004	0.00052	0.00084	2.48	0.00322	0.00038	1.8	<0.000005	0.62	0.0254	<10	<0.00002	0.000002
BR01-2	HC-02	0.0262	0.00002	0.006	0.00045	0.00040	1.85	0.00243	0.00043	1.2	<0.000005	0.45	0.0220	<10	<0.00002	<0.000002
BR01-2	HC-02	0.0317	<0.00001	<0.002	0.00043	0.00039	1.80	0.00247	0.00037	1.4	<0.000005	0.45	0.0241	<10	<0.00002	0.000002
BR01-2	HC-02	0.0398	<0.00001	0.007	0.00038	0.00048	1.62	0.00221	0.00043	1.3	<0.000005	0.42	0.0257	<10	0.00003	0.000004
BR01-2	HC-02	0.0308	<0.00001	0.006	0.00047	0.00050	1.38	0.00191	0.00030	1.3	<0.000005	0.37	0.0225	<10	<0.00002	0.000021
BR01-2	HC-02	0.0345	<0.00001	0.002	0.00039	0.00040	1.40	0.00187	0.00028	1.2	<0.000005	0.34	0.0234	<10	<0.00002	<0.000002
BR01-2	HC-02	0.0331	<0.00001	<0.002	0.00039	0.00039	1.23	0.00168	0.00028	1.3	<0.000005	0.32	0.0230	<10	<0.00002	0.000006
BR01-2	HC-02	0.0361	<0.00001	<0.002	0.00035	0.00049	1.27	0.00169	0.00035	1.3	<0.000005	0.33	0.0251	<10	0.00002	0.000004
BR01-2	HC-02	0.0409	<0.00001	<0.002	0.00037	0.00042	1.24	0.00177	0.00025	1.3	<0.000005	0.27	0.0258	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000182	<0.0002	0.0007	<0.0001	<0.002				0.688	0.722	-2.41
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000152	<0.0002	0.0004	<0.0001	<0.002				0.759	0.798	-2.50
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000133	<0.0002	0.0005	<0.0001	<0.002				0.789	0.750	2.53
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000139	<0.0002	0.0004	<0.0001	<0.002				0.638	0.689	-3.84
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000116	0.0002	0.0004	<0.0001	<0.002				0.687	0.704	-1.22
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01	<0.000005	<0.0002	<0.0005	<0.00001	0.000113	<0.0002	0.0007	<0.0001	<0.002				0.677	0.699	-1.60
BR01-1	HC-01															
BR01-1	HC-01															
BR01-1	HC-01															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00039	0.000037	0.0004	0.0008	<0.0001	<0.002				0.74	0.77	-2.25
BR01-2	HC-02	<0.000005	0.0005	<0.0005	0.00228	0.00138	0.0006	0.0004	<0.0001	<0.002				1.40	1.36	1.67
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00259	0.00160	0.0010	<0.0001	<0.0001	<0.002				1.15	1.13	0.88
BR01-2	HC-02	<0.000005	0.0007	<0.0005	0.00107	0.00204	0.0009	0.0007	<0.0001	<0.002				0.95	0.96	-0.68
BR01-2	HC-02	<0.000005	0.0004	<0.0005	0.00061	0.00308	0.0013	0.0002	<0.0001	0.003				0.93	0.95	-0.96
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00040	0.00424	0.0013	0.0007	<0.0001	0.003				0.85	0.90	-2.68
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00024	0.00501	0.0009	0.0002	<0.0001	<0.002				0.83	0.77	3.89
BR01-2	HC-02	<0.000005	0.0002	0.0005	0.00023	0.00780	0.0014	0.0001	<0.0001	<0.002				0.84	0.84	0.24
BR01-2	HC-02	<0.000005	0.0004	<0.0005	0.00018	0.00954	0.0010	0.0020	<0.0001	<0.002				0.85	0.93	-4.40
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00014	0.00949	0.0010	0.0001	<0.0001	<0.002				0.77	0.74	2.12
BR01-2	HC-02	<0.000005	0.0003	0.0006	0.00015	0.0110	0.0011	0.0002	<0.0001	<0.002				0.86	0.83	1.53
BR01-2	HC-02	0.000006	0.0003	<0.0005	0.00011	0.0117	0.0010	0.0004	<0.0001	<0.002				0.88	0.85	1.44
BR01-2	HC-02	0.000011	0.0005	<0.0005	0.00031	0.0101	0.0009	0.0008	<0.0001	0.003				0.79	0.78	0.38
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00018	0.0109	0.0005	0.0003	<0.0001	<0.002				0.80	0.77	1.72
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00017	0.0109	0.0010	0.0004	<0.0001	<0.002				0.78	0.76	1.24
BR01-2	HC-02	<0.000005	0.0010	<0.0005	0.00017	0.0118	0.0010	0.0006	<0.0001	<0.002				0.77	0.83	-3.67
BR01-2	HC-02	<0.000005	0.0004	<0.0005	0.00017	0.0106	0.0008	0.0009	<0.0001	<0.002				0.83	0.86	-1.65

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	17	23-Apr-13	500	485	8.20	79.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	18	30-Apr-13	500	480	8.15	79.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	19	07-May-13	500	475	7.94	78.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	20	14-May-13	500	485	8.07	74.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	21	21-May-13	500	475		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	22	28-May-13	500	485	8.20	76.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	23	04-Jun-13	500	485		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	24	11-Jun-13	500	480	7.99	71.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	25	18-Jun-13	500	475		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	26	25-Jun-13	500	485	8.07	80.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	27	02-Jul-13	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	28	09-Jul-13	500	480	7.96	68.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	29	16-Jul-13	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	30	23-Jul-13	500	475	7.98	71.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	31	30-Jul-13	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	32	06-Aug-13	500	465	7.88	65.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	33	13-Aug-13	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	34	20-Aug-13	500	480	7.82	65.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	35	27-Aug-13	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	36	03-Sep-13	500	460	7.74	65.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	37	10-Sep-13	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	38	17-Sep-13	500	465	7.72	66.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	39	24-Sep-13	500	465		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	40	01-Oct-13	500	480	7.70	69.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	41	08-Oct-13	500	465		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	42	15-Oct-13	500	465	7.82	66.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	43	22-Oct-13	500	460		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	44	29-Oct-13	500	470	7.52	70.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	45	05-Nov-13	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	46	12-Nov-13	500	475	7.48	74.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	47	19-Nov-13	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	48	26-Nov-13	500	480	7.78	76.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	49	03-Dec-13	500	465		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	50	10-Dec-13	500	470	7.79	76.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	51	17-Dec-13	500	460		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	52	24-Dec-13	500	470	7.81	74.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	53	31-Dec-13	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	54	07-Jan-14	500	470	7.75	74.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	55	14-Jan-14	500	475		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	56	21-Jan-14	500	470	7.64	70.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	57	28-Jan-14	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	58	04-Feb-14	500	460	7.49	70.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	59	11-Feb-14	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	60	18-Feb-14	500	460	7.60	70.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	61	25-Feb-14	500	475		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	62	04-Mar-14	500	475	7.65	72.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	63	11-Mar-14	500	465		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	64	18-Mar-14	500	475	7.61	73.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	65	25-Mar-14	500	455		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	66	01-Apr-14	500	480	7.66	74.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	67	08-Apr-14	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-2	HC-02	120	10.5	<0.5	<0.5	30.9	<0.05	<0.01	<0.5					37.0	0.1540	0.00285	0.04620
BR01-2	HC-02	120	10.4	<0.5	<0.5	27.6	<0.05	<0.01	<0.5					36.0	0.0876	0.00269	0.04430
BR01-2	HC-02	115	10.3	<0.5	<0.5	26.6	<0.05	<0.01	0.5					34.0	0.1550	0.00275	0.05540
BR01-2	HC-02	125	10.2	<0.5	<0.5	26.1	<0.05	<0.01	<0.5					32.1	0.1520	0.00257	0.05700
BR01-2	HC-02																
BR01-2	HC-02	120	9.4	<0.5	<0.5	28.2	<0.05	<0.01	<0.5					35.0	0.1610	0.00236	0.05140
BR01-2	HC-02																
BR01-2	HC-02	130	8.0	<0.5	<0.5	27.2	<0.05	<0.01	<0.5					33.9	0.1560	0.00212	0.05280
BR01-2	HC-02																
BR01-2	HC-02	140	7.9	<0.5	<0.5	28.3	<0.05	<0.01	0.6					38.3	0.1530	0.00197	0.05410
BR01-2	HC-02																
BR01-2	HC-02	160	8.0	<0.5	0.6	24.9	<0.05	<0.01	0.6					29.8	0.1260	0.00166	0.03900
BR01-2	HC-02																
BR01-2	HC-02	130	7.8	<0.5	<0.5	25.5	<0.05	<0.01	0.5					31.0	0.1440	0.00162	0.04610
BR01-2	HC-02																
BR01-2	HC-02	130	7.9	<0.5	<0.5	22.1	<0.05	<0.01	1.1					29.2	0.1110	0.00156	0.03760
BR01-2	HC-02																
BR01-2	HC-02	155	8.6	<0.5	<0.5	24.1	<0.05	<0.01	<0.5					27.7	0.1130	0.00127	0.03300
BR01-2	HC-02																
BR01-2	HC-02	150	7.9	<0.5	0.5	23.3	<0.05	<0.01	0.8					31.1	0.1000	0.00124	0.03360
BR01-2	HC-02																
BR01-2	HC-02	145	10.4	<0.5	<0.5	21.1	<0.05	<0.01	0.5					32.4	0.0999	0.00119	0.03580
BR01-2	HC-02																
BR01-2	HC-02	150	10.7	<0.5	<0.5	23.4	<0.05	<0.01	<0.5					30.6	0.0916	0.00106	0.03160
BR01-2	HC-02																
BR01-2	HC-02	135	11.5	<0.5	<0.5	21.9	<0.05	<0.01	<0.5					34.3	0.0779	0.00104	0.03410
BR01-2	HC-02																
BR01-2	HC-02	130	13.3	<0.5	<0.5	21.6	<0.05	<0.01	<0.5					33.4	0.0889	0.00099	0.02720
BR01-2	HC-02																
BR01-2	HC-02	135	12.0	<0.5	<0.5	23.5	<0.05	<0.01	<0.5					34.6	0.0847	0.00093	0.02340
BR01-2	HC-02																
BR01-2	HC-02	140	12.4	<0.5	<0.5	23.0	<0.05	<0.01	<0.5					35.6	0.0916	0.00088	0.02660
BR01-2	HC-02																
BR01-2	HC-02	150	13.7	<0.5	<0.5	21.9	<0.05	<0.01	<0.5					35.9	0.0892	0.00086	0.02300
BR01-2	HC-02																
BR01-2	HC-02	130	13.7	<0.5	0.7	21.5	<0.05	<0.01	<0.5					33.2	0.0764	0.00080	0.01850
BR01-2	HC-02																
BR01-2	HC-02	130	14.1	<0.5	<0.5	23.1	<0.05	<0.01	<0.5					32.2	0.1070	0.00080	0.02520
BR01-2	HC-02																
BR01-2	HC-02	140	12.0	<0.5	<0.5	21.9	<0.05	<0.01	<0.5					33.0	0.0809	0.00075	0.01940
BR01-2	HC-02																
BR01-2	HC-02	135	13.2	<0.5	0.6	22.5	<0.05	<0.01	<0.5					30.6	0.0826	0.00064	0.01730
BR01-2	HC-02																
BR01-2	HC-02	150	14.0	<0.5	<0.5	17.8	<0.05	<0.01	<0.5					30.8	0.0784	0.00061	0.01560
BR01-2	HC-02																
BR01-2	HC-02	140	11.9	<0.5	<0.5	20.9	<0.05	<0.01	<0.5					31.4	0.0741	0.00058	0.01510
BR01-2	HC-02																
BR01-2	HC-02	150	13.1	<0.5	<0.5	21.2	<0.05	<0.01	<0.5					30.5	0.0673	0.00053	0.01330
BR01-2	HC-02																
BR01-2	HC-02	150	13.7	<0.5	<0.5	17.1	<0.05	<0.01	<0.5					31.9	0.0607	0.00055	0.01260
BR01-2	HC-02																

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-2	HC-02	0.0442	<0.00001	0.004	0.00040	0.00076	1.05	0.00143	0.00031	1.1	<0.000005	0.27	0.0262	<10	<0.00002	<0.000002
BR01-2	HC-02	0.0424	0.00002	0.004	0.00031	0.00061	0.92	0.00135	0.00025	1.2	<0.000005	0.27	0.0235	<10	<0.00002	0.000002
BR01-2	HC-02	0.0434	0.00002	<0.002	0.00038	0.00059	0.99	0.00124	0.00030	1.1	<0.000005	0.24	0.0247	<10	<0.00002	<0.000002
BR01-2	HC-02	0.0407	0.00003	0.005	0.00034	0.00077	0.87	0.00121	0.00025	1.1	<0.000005	0.23	0.0221	<10	<0.00002	<0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0457	<0.00001	0.003	0.00043	0.00042	0.81	0.00109	0.00023	1.3	<0.000005	0.21	0.0241	<10	<0.00002	0.000006
BR01-2	HC-02															
BR01-2	HC-02	0.0470	0.00003	<0.002	0.00030	0.00058	0.67	0.00111	0.00016	1.2	<0.000005	0.20	0.0231	<10	<0.00002	0.000008
BR01-2	HC-02															
BR01-2	HC-02	0.0569	<0.00001	0.028	0.00033	0.00055	0.64	0.00096	0.00017	1.4	<0.000005	0.21	0.0246	<10	<0.00002	0.000006
BR01-2	HC-02															
BR01-2	HC-02	0.0499	0.00003	0.004	0.00030	0.00051	0.49	0.00080	0.00023	1.1	<0.000005	0.16	0.0203	<10	<0.00002	0.000009
BR01-2	HC-02															
BR01-2	HC-02	0.0535	0.00001	0.004	0.00035	0.00048	0.49	0.00067	0.00021	1.1	<0.000005	0.17	0.0221	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0523	<0.00001	<0.002	0.00028	0.00055	0.56	0.00094	0.00017	1.0	0.000027	0.14	0.0216	<10	<0.00002	<0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0563	0.00001	<0.002	0.00029	0.00042	0.44	0.00067	0.00018	0.8	<0.000005	0.14	0.0213	<10	<0.00002	<0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0611	<0.00001	0.008	0.00024	0.00054	0.37	0.00061	0.00019	0.9	0.000008	0.15	0.0215	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0633	<0.00001	0.007	0.00024	0.00065	0.39	0.00063	0.00014	1.2	<0.000005	0.16	0.0221	<10	<0.00002	<0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0638	<0.00001	<0.002	0.00030	0.00062	0.36	0.00058	0.00014	0.9	<0.000005	0.14	0.0215	<10	<0.00002	0.000011
BR01-2	HC-02															
BR01-2	HC-02	0.0674	<0.00001	<0.002	0.00023	0.00064	0.36	0.00058	0.00016	1.0	<0.000005	0.15	0.0238	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0758	<0.00001	<0.002	0.00025	0.00080	0.31	0.00060	0.00010	0.9	<0.000005	0.14	0.0273	<10	<0.00002	0.000003
BR01-2	HC-02															
BR01-2	HC-02	0.0877	0.00002	0.007	0.00026	0.00114	0.29	0.00050	0.00012	0.9	<0.000005	0.15	0.0277	<10	<0.00002	<0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0790	<0.00001	0.012	0.00027	0.00070	0.32	0.00049	0.00010	1.0	<0.000005	0.14	0.0267	<10	<0.00002	0.000003
BR01-2	HC-02															
BR01-2	HC-02	0.0749	<0.00001	0.009	0.00030	0.00060	0.29	0.00046	0.00012	1.0	<0.000005	0.15	0.0252	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0825	<0.00001	0.020	0.00030	0.00058	0.29	0.00041	0.00010	0.8	<0.000005	0.16	0.0277	<10	<0.00002	0.000004
BR01-2	HC-02															
BR01-2	HC-02	0.0701	<0.00001	0.008	0.00028	0.00065	0.26	0.00040	0.00013	0.9	<0.000005	0.13	0.0273	<10	<0.00002	0.000003
BR01-2	HC-02															
BR01-2	HC-02	0.0753	<0.00001	0.030	0.00024	0.00075	0.26	0.00037	0.00014	0.8	0.000009	0.14	0.0260	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0690	<0.00001	0.004	0.00021	0.00060	0.24	0.00039	0.00011	0.8	<0.000005	0.12	0.0234	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0701	<0.00001	0.007	0.00020	0.00061	0.22	0.00042	0.00009	0.7	<0.000005	0.12	0.0249	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0730	<0.00001	0.003	0.00025	0.00067	0.22	0.00035	0.00009	0.8	<0.000005	0.11	0.0275	<10	<0.00002	0.000005
BR01-2	HC-02															
BR01-2	HC-02	0.0714	<0.00001	0.012	0.00024	0.00096	0.21	0.00036	0.00009	0.7	<0.000005	0.11	0.0255	<10	<0.00002	0.000004
BR01-2	HC-02															
BR01-2	HC-02	0.0732	<0.00001	0.003	0.00025	0.00061	0.22	0.00041	0.00008	0.7	<0.000005	0.11	0.0265	<10	<0.00002	0.000002
BR01-2	HC-02															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-2	HC-02	0.000006	0.0003	<0.0005	0.00009	0.00939	0.0007	0.0021	0.0002	<0.002				0.84	0.80	2.39
BR01-2	HC-02	<0.000005	0.0005	<0.0005	0.00007	0.00791	0.0006	<0.0001	0.0002	<0.002				0.77	0.77	0.13
BR01-2	HC-02	0.000005	0.0003	0.0006	0.00008	0.00714	0.0007	0.0010	<0.0001	<0.002				0.76	0.73	1.81
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00008	0.00634	0.0006	0.0008	<0.0001	<0.002				0.74	0.69	3.01
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00012	0.00560	0.0006	0.0005	<0.0001	<0.002				0.76	0.75	0.80
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00007	0.00441	0.0007	0.0002	<0.0001	<0.002				0.71	0.72	-0.84
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0005	<0.0005	0.00007	0.00383	0.0008	0.0004	<0.0001	<0.002				0.75	0.81	-4.11
BR01-2	HC-02															
BR01-2	HC-02	0.000006	0.0006	<0.0005	0.00005	0.00305	0.0005	0.0002	<0.0001	<0.002				0.68	0.63	3.88
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0004	<0.0005	0.00005	0.00278	0.0006	0.0003	<0.0001	<0.002				0.69	0.66	2.16
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0004	0.0008	0.00005	0.00224	0.0007	0.0006	<0.0001	<0.002				0.64	0.62	1.67
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00004	0.00183	0.0005	0.0007	<0.0001	<0.002				0.66	0.59	6.01
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00004	0.00203	0.0004	0.0005	<0.0001	<0.002				0.65	0.65	0.08
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00004	0.00212	0.0003	0.0002	<0.0001	<0.002				0.65	0.68	-1.80
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00003	0.00221	0.0003	0.0002	<0.0001	<0.002				0.69	0.64	3.69
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00003	0.00210	0.0003	0.0002	<0.0001	<0.002				0.68	0.71	-2.59
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00004	0.00247	0.0003	0.0003	<0.0001	<0.002				0.71	0.69	1.14
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0009	<0.0005	0.00003	0.00207	0.0003	0.0012	<0.0001	<0.002				0.72	0.72	0.14
BR01-2	HC-02															
BR01-2	HC-02	0.000020	0.0003	<0.0005	0.00002	0.00154	<0.0002	0.0003	<0.0001	<0.002				0.72	0.74	-1.44
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00162	<0.0002	0.0003	<0.0001	<0.002				0.73	0.74	-1.29
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00125	<0.0002	0.0040	<0.0001	<0.002				0.71	0.69	1.78
BR01-2	HC-02															
BR01-2	HC-02	0.000005	0.0003	<0.0005	0.00002	0.00114	0.0003	0.0002	<0.0001	<0.002				0.76	0.67	6.03
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00002	0.00122	0.0003	0.0005	<0.0001	<0.002				0.69	0.69	0.22
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00112	0.0002	0.0002	<0.0001	<0.002				0.72	0.64	6.47
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00001	0.00129	0.0002	0.0004	<0.0001	<0.002				0.65	0.64	0.78
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	0.0006	0.00001	0.00122	<0.0002	0.0001	<0.0001	<0.002				0.67	0.65	1.29
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00124	<0.0002	0.0008	<0.0001	<0.002				0.70	0.63	5.13
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00139	<0.0002	0.0002	<0.0001	<0.002				0.63	0.66	-2.34
BR01-2	HC-02															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	68	15-Apr-14	500	465	7.62	74.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	69	22-Apr-14	500	465		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	70	29-Apr-14	500	475	7.60	79.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	71	06-May-14	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	72	13-May-14	500	470	7.63	81.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	73	20-May-14	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	74	27-May-14	500	485	7.65	77.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	75	03-Jun-14	500	480		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	76	10-Jun-14	500	475	7.39	73.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	77	17-Jun-14	500	455		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	78	24-Jun-14	500	470	7.60	77.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	79	01-Jul-14	500	450		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	80	08-Jul-14	500	460	7.57	71.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	81	15-Jul-14	500	470		
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	82	22-Jul-14	500	470	7.62	76.0
BR01-2	HC-02	Goose Main	Greywacke	08GSE006	30.00	32.00	0.28	0.27	0.23	33.50	9.79	83	29-Jul-14	500	475		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	0	25-Dec-12	750	595	9.12	186
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	1	01-Jan-13	500	450	8.61	213
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	2	08-Jan-13	500	465	8.89	113
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	3	15-Jan-13	500	465	8.68	96.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	4	22-Jan-13	500	460	8.62	74.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	5	29-Jan-13	500	470	8.82	69.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	6	05-Feb-13	500	475	8.80	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	7	12-Feb-13	500	460	8.50	63.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	8	19-Feb-13	500	470	8.51	66.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	9	26-Feb-13	500	465	8.72	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	10	05-Mar-13	500	460	8.70	61.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	11	12-Mar-13	500	490	8.43	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	12	19-Mar-13	500	460	8.56	63.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	13	26-Mar-13	500	450	8.53	52.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	14	02-Apr-13	500	485	8.56	57.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	15	09-Apr-13	500	475	8.53	54.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	16	16-Apr-13	500	460	8.55	56.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	17	23-Apr-13	500	470	8.58	55.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	18	30-Apr-13	500	470	8.41	55.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	19	07-May-13	500	470	8.16	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	20	14-May-13	500	475	8.33	55.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	21	21-May-13	500	480		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	22	28-May-13	500	465	8.36	59.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	23	04-Jun-13	500	480		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	24	11-Jun-13	500	470	8.20	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	25	18-Jun-13	500	475		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	26	25-Jun-13	500	470	8.35	60.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-2	HC-02	150	14.8	<0.5	<0.5	17.5	<0.05	<0.01	<0.5					33.2	0.0640	0.00048	0.01200
BR01-2	HC-02																
BR01-2	HC-02	140	15.3	<0.5	<0.5	20.5	<0.05	<0.01	<0.5					36.5	0.0578	0.00052	0.01160
BR01-2	HC-02																
BR01-2	HC-02	125	14.7	<0.5	<0.5	23.6	<0.05	<0.01	<0.5					34.1	0.0613	0.00052	0.01130
BR01-2	HC-02																
BR01-2	HC-02	135	12.5	<0.5	<0.5	20.2	<0.05	<0.01	<0.5					33.5	0.0571	0.00046	0.00898
BR01-2	HC-02																
BR01-2	HC-02	145	12.9	<0.5	<0.5	16.8	<0.05	<0.01	<0.5					34.4	0.0522	0.00046	0.00785
BR01-2	HC-02																
BR01-2	HC-02	140	13.8	<0.5	1.0	17.7	<0.05	<0.01	<0.5					33.3	0.0587	0.00046	0.0103
BR01-2	HC-02																
BR01-2	HC-02	140	14.8	<0.5	<0.5	16.5	<0.05	<0.01	<0.5					34.5	0.0625	0.00039	0.00862
BR01-2	HC-02																
BR01-2	HC-02	130	15.6	<0.5	0.7	20.0	<0.05	<0.01	<0.5					33.9	0.0478	0.00036	0.00738
BR01-2	HC-02																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-1	HC-09	120	16.2	<0.5	<0.5	27.8	0.10	0.053	22.3	<2	<0.5			49.1	0.101	0.00007	0.00034
BR03-1	HC-09	110	3.6	<0.5	<0.5	32.0	0.22	0.483	33.8	<2	<0.5			41.1	0.240	0.00072	0.0148
BR03-1	HC-09	100	3.4	<0.5	<0.5	27.6	0.18	0.142	11.3	<2	<0.5			23.7	0.288	0.00062	0.0244
BR03-1	HC-09	105	4.7	<0.5	<0.5	30.4	0.19	0.083	6.1	<2	<0.5			24.9	0.288	0.00068	0.0422
BR03-1	HC-09	145	4.9	<0.5	<0.5	33.0	0.16	0.029	2.1	<0.02	<0.005			22.4	0.307	0.00061	0.0605
BR03-1	HC-09	120	2.5	<0.5	<0.5	32.4	0.17	0.015	1.2					21.7	0.286	0.00056	0.0705
BR03-1	HC-09	135	2.3	<0.5	<0.5	28.9	0.14	<0.01	0.6					21.2	0.259	0.00046	0.0769
BR03-1	HC-09	125	2.6	<0.5	<0.5	28.8	0.15	<0.01	0.6					23.3	0.296	0.00051	0.101
BR03-1	HC-09	120	1.9	<0.5	<0.5	31.3	0.14	<0.01	0.8					25.5	0.304	0.00051	0.118
BR03-1	HC-09	120	2.2	<0.5	<0.5	30.8	0.12	<0.01	0.9					22.8	0.280	0.00044	0.119
BR03-1	HC-09	120	2.1	<0.5	<0.5	31.0	0.11	<0.01	0.7					23.5	0.319	0.00040	0.124
BR03-1	HC-09	140	2.2	<0.5	<0.5	29.1	0.09	<0.01	0.9					25.2	0.277	0.00032	0.109
BR03-1	HC-09	130	2.5	<0.5	<0.5	32.0	0.10	<0.01	<0.5					25.2	0.275	0.00035	0.152
BR03-1	HC-09	130	2.2	<0.5	<0.5	28.3	0.09	<0.01	<0.5					24.2	0.305	0.00030	0.128
BR03-1	HC-09	120	2.2	<0.5	<0.5	27.1	0.07	<0.01	0.5					22.8	0.244	0.00027	0.119
BR03-1	HC-09	130	2.5	<0.5	<0.5	24.5	0.07	<0.01	0.5					22.6	0.243	0.00023	0.118
BR03-1	HC-09	125	2.2	<0.5	<0.5	25.6	0.06	<0.01	0.8					23.6	0.244	0.00023	0.122
BR03-1	HC-09	150	2.4	<0.5	<0.5	25.9	0.05	<0.01	<0.5					22.2	0.228	0.00021	0.109
BR03-1	HC-09	140	2.3	<0.5	<0.5	26.6	<0.05	<0.01	<0.5					23.2	0.133	0.00022	0.117
BR03-1	HC-09	120	2.8	<0.5	<0.5	26.4	0.06	<0.01	<0.5					24.9	0.236	0.00024	0.156
BR03-1	HC-09	130	2.9	<0.5	<0.5	26.5	0.06	<0.01	<0.5					22.8	0.226	0.00022	0.149
BR03-1	HC-09																
BR03-1	HC-09	125	2.4	<0.5	<0.5	26.8	<0.05	<0.01	0.9					24.0	0.230	0.00018	0.144
BR03-1	HC-09																
BR03-1	HC-09	130	2.6	<0.5	<0.5	29.3	<0.05	<0.01	<0.5					28.0	0.241	0.00017	0.162
BR03-1	HC-09																
BR03-1	HC-09	130	3.6	<0.5	<0.5	27.5	<0.05	<0.01	0.6					23.8	0.235	0.00014	0.151

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-2	HC-02	0.00058	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.2	<0.0001	0.00135	0.00037	<0.00005	0.001	0.000007	<0.0005	1.23
BR01-2	HC-02															
BR01-2	HC-02	0.00062	<0.00001	<0.000005	<0.05	<0.00005	0.000008	12.6	<0.0001	0.00147	0.00191	<0.00005	<0.001	0.000008	<0.0005	1.22
BR01-2	HC-02															
BR01-2	HC-02	0.00065	<0.00001	<0.000005	<0.05	<0.00005	0.000005	11.7	<0.0001	0.00127	0.00030	<0.00005	<0.001	0.000007	<0.0005	1.21
BR01-2	HC-02															
BR01-2	HC-02	0.00061	<0.00001	<0.000005	<0.05	<0.00005	0.000007	11.5	<0.0001	0.00144	0.00030	<0.00005	<0.001	0.000809	<0.0005	1.16
BR01-2	HC-02															
BR01-2	HC-02	0.00063	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.9	<0.0001	0.000790	0.00013	<0.00005	<0.001	<0.000005	<0.0005	1.15
BR01-2	HC-02															
BR01-2	HC-02	0.00063	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.3	<0.0001	0.00101	0.00020	<0.00005	<0.001	0.000005	<0.0005	1.24
BR01-2	HC-02															
BR01-2	HC-02	0.00058	<0.00001	<0.000005	<0.05	<0.00005	0.000064	11.8	<0.0001	0.00114	0.00026	<0.00005	0.003	0.000200	<0.0005	1.22
BR01-2	HC-02															
BR01-2	HC-02	0.00067	<0.00001	<0.000005	<0.05	<0.00005	0.000013	11.6	<0.0001	0.00105	0.00042	<0.00005	<0.001	0.000008	<0.0005	1.23
BR01-2	HC-02															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-1	HC-09	0.00382	<0.00001	<0.000005	0.20	0.00027	<0.000005	16.7	0.0007	0.000061	0.00281	<0.00005	0.005	0.000026	0.0037	1.81
BR03-1	HC-09	0.00321	<0.00001	<0.000005	0.08	0.00021	0.000048	13.0	0.0001	0.000166	0.00037	<0.00005	0.003	0.001150	0.0096	2.12
BR03-1	HC-09	0.00133	<0.00001	<0.000005	<0.05	0.00010	0.000010	7.50	0.0001	0.000096	0.00018	<0.00005	0.008	0.000247	0.0062	1.21
BR03-1	HC-09	0.00255	<0.00001	<0.000005	<0.05	0.00011	0.000008	7.82	0.0002	0.000112	0.00027	<0.00005	0.010	0.000184	0.0071	1.32
BR03-1	HC-09	0.00117	<0.00001	<0.000005	<0.05	0.00010	0.000005	7.30	0.0001	0.000083	0.00040	<0.00005	0.011	0.000101	0.0050	1.01
BR03-1	HC-09	0.00114	<0.00001	<0.000005	<0.05	0.00009	<0.000005	7.10	0.0002	0.000087	0.00041	<0.00005	0.015	0.000144	0.0048	0.97
BR03-1	HC-09	0.00096	<0.00001	<0.000005	<0.05	0.00007	<0.000005	7.08	<0.0001	0.000088	0.00059	<0.00005	0.010	0.000078	0.0044	0.86
BR03-1	HC-09	0.00112	<0.00001	<0.000005	<0.05	0.00008	0.000005	7.78	0.0002	0.000102	0.00017	<0.00005	0.011	0.000102	0.0044	0.93
BR03-1	HC-09	0.00112	<0.00001	<0.000005	<0.05	0.00009	<0.000005	8.59	0.0002	0.000134	0.00044	<0.00005	0.016	0.000148	0.0048	0.97
BR03-1	HC-09	0.00110	<0.00001	<0.000005	<0.05	0.00006	<0.000005	7.66	0.0002	0.000126	0.00030	<0.00005	0.014	0.000080	0.0044	0.88
BR03-1	HC-09	0.00124	<0.00001	<0.000005	<0.05	0.00006	0.000005	8.02	0.0002	0.000145	0.00026	<0.00005	0.022	0.000121	0.0043	0.85
BR03-1	HC-09	0.00117	<0.00001	<0.000005	<0.05	0.00006	<0.000005	8.76	0.0002	0.000152	0.00028	<0.00005	0.018	0.000099	0.0039	0.80
BR03-1	HC-09	0.00259	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.68	0.0002	0.000165	0.00033	<0.00005	0.015	0.000102	0.0042	0.86
BR03-1	HC-09	0.00153	<0.00001	<0.000005	<0.05	<0.00005	0.000007	8.50	0.0002	0.000168	0.00026	<0.00005	0.024	0.000153	0.0040	0.72
BR03-1	HC-09	0.00099	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.05	0.0001	0.000151	0.00032	<0.00005	0.018	0.000113	0.0035	0.65
BR03-1	HC-09	0.00103	<0.00001	<0.000005	<0.05	0.00007	0.000006	8.03	0.0001	0.000151	0.00052	<0.00005	0.012	0.000218	0.0034	0.61
BR03-1	HC-09	0.00110	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.40	0.0001	0.000190	0.00069	<0.00005	0.012	0.000116	0.0035	0.63
BR03-1	HC-09	0.00109	<0.00001	<0.000005	<0.05	0.00006	<0.000005	7.88	<0.0001	0.000177	0.00017	<0.00005	0.009	0.000076	0.0034	0.62
BR03-1	HC-09	0.00115	<0.00001	<0.000005	<0.05	0.00005	0.000006	8.33	0.0001	0.000257	0.00024	<0.00005	0.020	0.000016	0.0031	0.58
BR03-1	HC-09	0.00110	<0.00001	<0.000005	<0.05	0.00007	0.000007	8.92	0.0001	0.000245	0.00023	<0.00005	0.009	0.000431	0.0037	0.64
BR03-1	HC-09	0.00106	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.18	0.0001	0.000259	0.00028	<0.00005	0.012	0.000103	0.0033	0.57
BR03-1	HC-09															
BR03-1	HC-09	0.00102	<0.00001	<0.000005	<0.05	0.00007	<0.000005	8.69	0.0001	0.000262	0.00021	<0.00005	0.008	0.000271	0.0037	0.57
BR03-1	HC-09															
BR03-1	HC-09	0.00110	<0.00001	<0.000005	<0.05	0.00007	0.000007	10.3	<0.0001	0.000233	0.00018	<0.00005	0.006	0.000056	0.0035	0.55
BR03-1	HC-09															
BR03-1	HC-09	0.00103	<0.00001	<0.000005	<0.05	0.00007	0.000007	8.74	0.0003	0.000288	0.00027	<0.00005	0.008	0.000064	0.0033	0.49

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-2	HC-02	0.0747	<0.00001	<0.002	0.00029	0.00066	0.21	0.00039	0.00011	0.7	<0.000005	0.12	0.0269	<10	<0.00002	0.000003
BR01-2	HC-02															
BR01-2	HC-02	0.0812	<0.00001	0.002	0.00030	0.00082	0.20	0.00040	0.00008	0.8	<0.000005	0.11	0.0309	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0824	<0.00001	0.007	0.00029	0.00065	0.22	0.00038	0.00008	0.7	<0.000005	0.12	0.0299	<10	<0.00002	0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0829	<0.00001	0.003	0.00026	0.00092	0.16	0.00031	0.00009	0.7	<0.000005	0.11	0.0277	<10	<0.00002	0.000006
BR01-2	HC-02															
BR01-2	HC-02	0.0747	<0.00001	<0.002	0.00027	0.00038	0.19	0.00039	0.00006	0.7	<0.000005	0.10	0.0277	<10	<0.00002	<0.000002
BR01-2	HC-02															
BR01-2	HC-02	0.0732	<0.00001	0.009	0.00027	0.00067	0.17	0.00034	0.00007	0.7	<0.000005	0.11	0.0273	<10	<0.00002	0.000004
BR01-2	HC-02															
BR01-2	HC-02	0.0717	<0.00001	0.006	0.00032	0.00059	0.19	0.00036	0.00007	0.6	<0.000005	0.11	0.0272	<10	<0.00002	0.000011
BR01-2	HC-02															
BR01-2	HC-02	0.0739	<0.00001	<0.002	0.00036	0.00081	0.18	0.00039	0.00006	0.6	<0.000005	0.15	0.0282	<10	<0.00002	<0.000002
BR01-2	HC-02															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-1	HC-09	0.00177	<0.00001	0.047	0.00119	0.00180	9.37	0.01870	0.00037	1.3	<0.000005	12.90	0.0436	<10	<0.00002	0.000014
BR03-1	HC-09	0.00585	<0.00001	0.005	0.00141	0.00080	14.70	0.02220	0.00036	1.5	<0.000005	12.20	0.0962	<10	<0.00002	0.000018
BR03-1	HC-09	0.00225	<0.00001	0.003	0.00085	0.00043	7.93	0.01250	0.00042	1.3	<0.000005	5.32	0.0447	<10	<0.00002	0.000011
BR03-1	HC-09	0.00295	<0.00001	0.005	0.00073	0.00047	7.40	0.01150	0.00029	1.4	<0.000005	4.58	0.0417	<10	<0.00002	0.000010
BR03-1	HC-09	0.00301	<0.00001	0.005	0.00036	0.00042	5.74	0.01070	0.00034	1.4	<0.000005	2.68	0.0351	<10	<0.00002	0.000009
BR03-1	HC-09	0.00281	<0.00001	0.014	0.00033	0.00034	5.27	0.00933	0.00036	1.4	<0.000005	2.02	0.0329	<10	<0.00002	0.000010
BR03-1	HC-09	0.00331	<0.00001	0.008	0.00022	0.00024	4.19	0.00746	0.00024	1.3	<0.000005	1.43	0.0310	<10	<0.00002	0.000009
BR03-1	HC-09	0.00401	<0.00001	0.002	0.00022	0.00027	4.58	0.00807	0.00026	1.5	<0.000005	1.44	0.0315	<10	0.00002	0.000010
BR03-1	HC-09	0.00359	<0.00001	0.007	0.00017	0.00026	4.32	0.00854	0.00024	1.9	<0.000005	1.28	0.0319	<10	<0.00002	0.000008
BR03-1	HC-09	0.00345	0.00001	0.007	0.00018	0.00027	3.95	0.00790	0.00022	1.4	<0.000005	1.05	0.0310	<10	<0.00002	0.000009
BR03-1	HC-09	0.00407	<0.00001	<0.002	0.00014	0.00022	3.61	0.00770	0.00031	1.5	<0.000005	0.92	0.0306	<10	<0.00002	0.000009
BR03-1	HC-09	0.00494	<0.00001	0.007	0.00011	0.00020	3.26	0.00695	0.00022	1.6	<0.000005	0.77	0.0295	<10	0.00002	0.000007
BR03-1	HC-09	0.00361	<0.00001	0.005	0.00015	0.00028	3.77	0.00736	0.00026	1.7	<0.000005	0.86	0.0329	<10	<0.00002	0.000008
BR03-1	HC-09	0.00544	<0.00001	<0.002	0.00014	0.00016	3.13	0.00707	0.00023	1.6	<0.000005	0.63	0.0303	<10	0.00002	0.000011
BR03-1	HC-09	0.00477	<0.00001	0.003	0.00012	0.00017	2.79	0.00630	0.00020	1.3	<0.000005	0.55	0.0255	<10	<0.00002	0.000008
BR03-1	HC-09	0.00422	<0.00001	<0.002	0.00013	0.00021	2.93	0.00693	0.00020	1.2	<0.000005	0.52	0.0268	<10	<0.00002	0.000008
BR03-1	HC-09	0.00495	<0.00001	<0.002	0.00012	0.00015	2.93	0.00749	0.00016	1.3	<0.000005	0.52	0.0270	<10	<0.00002	0.000008
BR03-1	HC-09	0.00505	<0.00001	<0.002	0.00012	0.00020	2.73	0.00683	0.00014	1.1	<0.000005	0.50	0.0272	<10	<0.00002	0.000008
BR03-1	HC-09	0.00499	<0.00001	<0.002	0.00012	0.00038	2.52	0.00609	0.00017	1.3	<0.000005	0.47	0.0246	<10	<0.00002	0.000007
BR03-1	HC-09	0.00425	<0.00001	<0.002	0.00016	0.00025	2.87	0.00724	0.00023	1.4	<0.000005	0.49	0.0288	<10	<0.00002	0.000008
BR03-1	HC-09	0.00492	0.00002	0.003	0.00010	0.00052	2.61	0.00674	0.00024	1.4	<0.000005	0.45	0.0247	<10	<0.00002	0.000006
BR03-1	HC-09															
BR03-1	HC-09	0.00520	<0.00001	<0.002	0.00013	0.00024	2.59	0.00704	0.00022	1.3	<0.000005	0.43	0.0260	<10	<0.00002	0.000081
BR03-1	HC-09															
BR03-1	HC-09	0.00454	<0.00001	<0.002	0.00016	0.00024	2.71	0.00714	0.00030	1.7	<0.000005	0.42	0.0274	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00464	<0.00001	0.023	0.00017	0.00033	2.51	0.00674	0.00018	1.4	<0.000005	0.39	0.0249	<10	<0.00002	0.000008

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-2	HC-02	<0.000005	0.0002	<0.0005	<0.00001	0.00144	<0.0002	0.0005	<0.0001	<0.002				0.66	0.68	-1.94
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00155	<0.0002	0.0005	<0.0001	<0.002				0.73	0.75	-1.49
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0003	<0.0005	0.00003	0.00131	<0.0002	0.0002	<0.0001	<0.002				0.78	0.70	5.13
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00116	<0.0002	0.0002	<0.0001	<0.002				0.66	0.69	-1.92
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.00105	<0.0002	<0.0001	<0.0001	<0.002				0.603	0.705	-7.80
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	0.00002	0.000995	<0.0002	0.0002	<0.0001	<0.002				0.641	0.684	-3.25
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	<0.0002	<0.0005	0.00001	0.00107	<0.0002	0.0060	<0.0001	<0.002				0.639	0.709	-5.19
BR01-2	HC-02															
BR01-2	HC-02	<0.000005	0.0002	<0.0005	<0.00001	0.00106	<0.0002	0.0017	<0.0001	<0.002				0.726	0.697	2.04
BR01-2	HC-02															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00074	<0.000002	0.0018	0.0005	<0.0001	<0.002				1.53	1.80	-8.03
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00119	0.000137	0.0016	0.0004	<0.0001	<0.002				1.68	1.75	-2.24
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00085	0.000232	0.0019	0.0004	<0.0001	<0.002				0.95	0.94	0.53
BR03-1	HC-09	<0.000005	0.0003	0.0006	0.00090	0.000691	0.0024	0.0003	<0.0001	<0.002				0.89	0.92	-1.66
BR03-1	HC-09	<0.000005	0.0002	0.0008	0.00064	0.00132	0.0029	0.0025	<0.0001	<0.002				0.83	0.75	5.27
BR03-1	HC-09	<0.000005	0.0002	0.0005	0.00057	0.00238	0.0031	0.0004	<0.0001	<0.002				0.74	0.69	3.63
BR03-1	HC-09	<0.000005	0.0003	0.0006	0.00039	0.00348	0.0029	0.0005	<0.0001	<0.002				0.65	0.62	2.27
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00039	0.00587	0.0034	0.0002	<0.0001	<0.002				0.65	0.68	-1.88
BR03-1	HC-09	<0.000005	0.0004	0.0006	0.00030	0.00788	0.0036	0.0003	<0.0001	<0.002				0.69	0.71	-1.07
BR03-1	HC-09	<0.000005	0.0004	0.0012	0.00028	0.00960	0.0034	0.0001	<0.0001	<0.002				0.70	0.63	4.67
BR03-1	HC-09	0.000005	0.0004	0.0010	0.00026	0.00999	0.0034	0.0002	<0.0001	<0.002				0.69	0.64	3.77
BR03-1	HC-09	0.000007	0.0004	0.0009	0.00019	0.00959	0.0032	0.0003	<0.0001	<0.002				0.66	0.65	0.53
BR03-1	HC-09	<0.000005	0.0005	0.0006	0.00022	0.0126	0.0035	0.0003	<0.0001	<0.002				0.70	0.67	2.05
BR03-1	HC-09	0.000007	0.0005	0.0010	0.00018	0.0119	0.0035	<0.0001	<0.0001	<0.002				0.62	0.63	-0.89
BR03-1	HC-09	<0.000005	0.0005	<0.0005	0.00016	0.0108	0.0028	0.0003	<0.0001	<0.002				0.61	0.58	2.28
BR03-1	HC-09	<0.000005	0.0013	<0.0005	0.00013	0.0103	0.0027	0.0005	<0.0001	<0.002				0.56	0.58	-1.32
BR03-1	HC-09	0.000005	0.0006	0.0010	0.00013	0.0104	0.0027	0.0004	<0.0001	0.002				0.58	0.60	-1.02
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00014	0.00944	0.0023	<0.0001	<0.0001	<0.002				0.57	0.56	0.79
BR03-1	HC-09	<0.000005	0.0007	0.0008	0.00012	0.00905	0.0022	<0.0001	<0.0001	<0.002				0.58	0.56	1.48
BR03-1	HC-09	0.000005	0.0004	0.0009	0.00015	0.0105	0.0032	0.0002	<0.0001	<0.002				0.59	0.62	-2.48
BR03-1	HC-09	0.000005	0.0004	<0.0005	0.00012	0.00975	0.0024	0.0007	<0.0001	<0.002				0.59	0.57	2.33
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00012	0.00924	0.0024	0.0002	<0.0001	<0.002				0.61	0.59	1.75
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00011	0.00829	0.0026	<0.0001	<0.0001	<0.002				0.64	0.67	-2.59
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0006	<0.0005	0.00010	0.00717	0.0025	0.0009	<0.0001	<0.002				0.64	0.58	4.58

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	27	02-Jul-13	500	485		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	28	09-Jul-13	500	460	8.29	62.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	29	16-Jul-13	500	470		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	30	23-Jul-13	500	470	8.23	58.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	31	30-Jul-13	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	32	06-Aug-13	500	480	7.99	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	33	13-Aug-13	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	34	20-Aug-13	500	465	8.03	58.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	35	27-Aug-13	500	470		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	36	03-Sep-13	500	465	8.00	57.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	37	10-Sep-13	500	480		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	38	17-Sep-13	500	465	8.03	60.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	39	24-Sep-13	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	40	01-Oct-13	500	465	7.87	77.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	41	08-Oct-13	500	470		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	42	15-Oct-13	500	460	7.76	86.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	43	22-Oct-13	500	460		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	44	29-Oct-13	500	460	7.60	100
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	45	05-Nov-13	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	46	12-Nov-13	500	485	7.59	86.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	47	19-Nov-13	500	470		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	48	26-Nov-13	500	460	7.69	82.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	49	03-Dec-13	500	475		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	50	10-Dec-13	500	455	7.86	90.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	51	17-Dec-13	500	480		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	52	24-Dec-13	500	465	7.83	82.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	53	31-Dec-13	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	54	07-Jan-14	500	470	7.92	78.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	55	14-Jan-14	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	56	21-Jan-14	500	465	7.70	72.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	57	28-Jan-14	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	58	04-Feb-14	500	455	7.63	70.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	59	11-Feb-14	500	450		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	60	18-Feb-14	500	460	7.78	78.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	61	25-Feb-14	500	480		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	62	04-Mar-14	500	475	7.65	71.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	63	11-Mar-14	500	455		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	64	18-Mar-14	500	475	7.89	75.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	65	25-Mar-14	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	66	01-Apr-14	500	460	7.73	76.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	67	08-Apr-14	500	460		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	68	15-Apr-14	500	465	7.65	80.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	69	22-Apr-14	500	460		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	70	29-Apr-14	500	470	7.78	80.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	71	06-May-14	500	470		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	72	13-May-14	500	475	7.88	83.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	73	20-May-14	500	485		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	74	27-May-14	500	480	7.87	81.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	75	03-Jun-14	500	440		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	76	10-Jun-14	500	475	7.82	79.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	77	17-Jun-14	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-1	HC-09																
BR03-1	HC-09	155	3.8	<0.5	<0.5	27.3	<0.05	<0.01	0.7					25.5	0.247	0.00014	0.158
BR03-1	HC-09																
BR03-1	HC-09	125	3.4	<0.5	<0.5	26.2	<0.05	<0.01	0.5					23.6	0.246	0.00014	0.154
BR03-1	HC-09																
BR03-1	HC-09	140	5.3	<0.5	<0.5	26.1	<0.05	<0.01	<0.5					24.4	0.217	0.00012	0.146
BR03-1	HC-09																
BR03-1	HC-09	130	5.9	<0.5	<0.5	22.5	<0.05	<0.01	<0.5					23.1	0.193	0.00012	0.133
BR03-1	HC-09																
BR03-1	HC-09	140	4.8	<0.5	<0.5	25.1	<0.05	<0.01	<0.5					24.6	0.205	0.00010	0.136
BR03-1	HC-09																
BR03-1	HC-09	140	8.5	<0.5	<0.5	21.4	<0.05	<0.01	<0.5					25.2	0.169	0.00010	0.128
BR03-1	HC-09																
BR03-1	HC-09	140	14.5	<0.5	0.7	23.6	<0.05	<0.01	<0.5					33.2	0.167	0.00010	0.119
BR03-1	HC-09																
BR03-1	HC-09	140	19.4	<0.5	<0.5	21.1	<0.05	<0.01	<0.5					40.9	0.143	0.00009	0.107
BR03-1	HC-09																
BR03-1	HC-09	130	22.1	<0.5	<0.5	21.4	<0.05	<0.01	<0.5					38.1	0.154	0.00009	0.102
BR03-1	HC-09																
BR03-1	HC-09	130	17.7	<0.5	0.8	23.2	<0.05	<0.01	<0.5					36.0	0.135	0.00008	0.114
BR03-1	HC-09																
BR03-1	HC-09	145	15.9	<0.5	<0.5	20.2	<0.05	<0.01	<0.5					34.4	0.129	0.00007	0.0852
BR03-1	HC-09																
BR03-1	HC-09	140	18.0	<0.5	<0.5	22.4	<0.05	<0.01	<0.5					36.7	0.172	0.00008	0.102
BR03-1	HC-09																
BR03-1	HC-09	140	17.0	<0.5	1.0	21.2	<0.05	<0.01	<0.5					34.6	0.160	0.00007	0.0879
BR03-1	HC-09																
BR03-1	HC-09	130	16.8	<0.5	<0.5	21.3	<0.05	<0.01	<0.5					32.4	0.158	0.00007	0.0869
BR03-1	HC-09																
BR03-1	HC-09	130	13.1	<0.5	<0.5	21.3	<0.05	<0.01	<0.5					32.0	0.141	0.00006	0.0792
BR03-1	HC-09																
BR03-1	HC-09	135	13.5	<0.5	<0.5	16.5	<0.05	<0.01	<0.5					29.1	0.143	0.00006	0.0705
BR03-1	HC-09																
BR03-1	HC-09	140	16.3	<0.5	<0.5	20.1	<0.05	<0.01	<0.5					33.0	0.143	0.00005	0.0698
BR03-1	HC-09																
BR03-1	HC-09	150	12.6	<0.5	<0.5	20.1	<0.05	<0.01	<0.5					28.1	0.127	0.00005	0.0648
BR03-1	HC-09																
BR03-1	HC-09	150	12.9	<0.5	<0.5	21.9	<0.05	<0.01	<0.5					30.1	0.147	0.00006	0.0636
BR03-1	HC-09																
BR03-1	HC-09	150	13.1	<0.5	<0.5	17.9	<0.05	<0.01	<0.5					31.0	0.153	0.00005	0.0644
BR03-1	HC-09																
BR03-1	HC-09	135	14.0	<0.5	1.2	22.1	<0.05	<0.01	<0.5					32.9	0.171	0.00005	0.0686
BR03-1	HC-09																
BR03-1	HC-09	130	14.1	<0.5	<0.5	23.1	<0.05	<0.01	<0.5					34.0	0.183	0.00005	0.0714
BR03-1	HC-09																
BR03-1	HC-09	125	13.6	<0.5	<0.5	23.8	<0.05	<0.01	<0.5					33.3	0.199	0.00005	0.0759
BR03-1	HC-09																
BR03-1	HC-09	135	12.1	<0.5	<0.5	23.0	<0.05	<0.01	<0.5					33.6	0.186	0.00005	0.0618
BR03-1	HC-09																
BR03-1	HC-09	135	13.0	<0.5	<0.5	20.7	<0.05	<0.01	<0.5					32.6	0.188	0.00005	0.0562
BR03-1	HC-09																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-1	HC-09															
BR03-1	HC-09	0.00108	<0.00001	<0.000005	<0.05	0.00007	0.000007	9.51	0.0002	0.000243	0.00026	<0.00005	0.010	0.000095	0.0033	0.42
BR03-1	HC-09															
BR03-1	HC-09	0.00098	<0.00001	<0.000005	<0.05	0.00005	0.000007	8.77	0.0001	0.000249	0.00019	<0.00005	0.007	0.000049	0.0034	0.41
BR03-1	HC-09															
BR03-1	HC-09	0.00104	<0.00001	<0.000005	<0.05	0.00006	0.000008	9.13	<0.0001	0.000283	0.00017	<0.00005	0.005	0.000058	0.0034	0.38
BR03-1	HC-09															
BR03-1	HC-09	0.00094	<0.00001	<0.000005	<0.05	<0.00005	0.000007	8.69	<0.0001	0.000269	0.00017	<0.00005	0.005	0.000047	0.0032	0.35
BR03-1	HC-09															
BR03-1	HC-09	0.00095	<0.00001	<0.000005	<0.05	<0.00005	0.000008	9.28	<0.0001	0.000297	0.00052	<0.00005	0.004	0.000042	0.0027	0.34
BR03-1	HC-09															
BR03-1	HC-09	0.00105	<0.00001	<0.000005	<0.05	0.00007	0.000010	9.56	<0.0001	0.000379	0.00044	<0.00005	0.003	0.000035	0.0028	0.31
BR03-1	HC-09															
BR03-1	HC-09	0.00111	<0.00001	<0.000005	<0.05	0.00006	0.000015	12.6	<0.0001	0.000453	0.00047	<0.00005	0.003	0.000046	0.0031	0.41
BR03-1	HC-09															
BR03-1	HC-09	0.00139	<0.00001	<0.000005	<0.05	0.00006	0.000017	15.7	<0.0001	0.000637	0.00036	<0.00005	0.002	0.000028	0.0035	0.45
BR03-1	HC-09															
BR03-1	HC-09	0.00146	<0.00001	<0.000005	<0.05	0.00007	0.000014	14.6	<0.0001	0.000766	0.00028	<0.00005	0.002	0.000021	0.0033	0.42
BR03-1	HC-09															
BR03-1	HC-09	0.00154	<0.00001	<0.000005	<0.05	0.00006	0.000014	13.8	<0.0001	0.000737	0.00036	<0.00005	0.003	0.000050	0.0028	0.37
BR03-1	HC-09															
BR03-1	HC-09	0.00131	<0.00001	<0.000005	<0.05	0.00006	0.000012	13.3	<0.0001	0.000609	0.00030	<0.00005	0.003	0.000029	0.0024	0.30
BR03-1	HC-09															
BR03-1	HC-09	0.00133	<0.00001	<0.000005	<0.05	0.00007	0.000011	14.2	<0.0001	0.000536	0.00025	<0.00005	0.002	0.000024	0.0027	0.33
BR03-1	HC-09															
BR03-1	HC-09	0.00138	<0.00001	<0.000005	<0.05	0.00006	0.000018	13.4	<0.0001	0.000372	0.00022	<0.00005	0.002	0.000043	0.0024	0.27
BR03-1	HC-09															
BR03-1	HC-09	0.00129	<0.00001	<0.000005	<0.05	0.00006	0.000012	12.6	<0.0001	0.000398	0.00021	<0.00005	0.001	0.000023	0.0025	0.24
BR03-1	HC-09															
BR03-1	HC-09	0.00111	<0.00001	<0.000005	<0.05	0.00006	0.000013	12.4	<0.0001	0.000401	0.00020	<0.00005	0.002	0.000022	0.0019	0.23
BR03-1	HC-09															
BR03-1	HC-09	0.00109	<0.00001	<0.000005	<0.05	0.00005	0.000008	11.3	<0.0001	0.000396	0.00027	<0.00005	0.004	0.000031	0.0018	0.22
BR03-1	HC-09															
BR03-1	HC-09	0.00127	<0.00001	<0.000005	<0.05	0.00006	0.000012	12.8	<0.0001	0.000366	0.00042	<0.00005	0.004	0.000033	0.0019	0.25
BR03-1	HC-09															
BR03-1	HC-09	0.00106	<0.00001	<0.000005	<0.05	0.00006	0.000011	10.9	<0.0001	0.000433	0.00022	<0.00005	0.003	0.000023	0.0018	0.19
BR03-1	HC-09															
BR03-1	HC-09	0.00124	<0.00001	<0.000005	<0.05	0.00006	0.000012	11.7	<0.0001	0.000428	0.00074	0.00009	0.006	0.000036	0.0018	0.21
BR03-1	HC-09															
BR03-1	HC-09	0.00130	<0.00001	<0.000005	<0.05	0.00007	0.000011	12.0	<0.0001	0.000414	0.00036	<0.00005	0.002	0.000025	0.0019	0.22
BR03-1	HC-09															
BR03-1	HC-09	0.00121	<0.00001	<0.000005	<0.05	0.00007	0.000011	12.8	<0.0001	0.000446	0.00033	<0.00005	0.004	0.000022	0.0020	0.24
BR03-1	HC-09															
BR03-1	HC-09	0.00121	<0.00001	<0.000005	<0.05	0.00007	0.000012	13.3	<0.0001	0.000401	0.00081	<0.00005	0.002	0.000016	0.0020	0.23
BR03-1	HC-09															
BR03-1	HC-09	0.00120	<0.00001	<0.000005	<0.05	0.00007	0.000010	13.0	<0.0001	0.000347	0.00033	<0.00005	0.001	0.000015	0.0019	0.22
BR03-1	HC-09															
BR03-1	HC-09	0.00127	<0.00001	<0.000005	<0.05	0.00006	0.000010	13.1	0.0002	0.000361	0.00031	<0.00005	0.003	0.000043	0.0018	0.21
BR03-1	HC-09															
BR03-1	HC-09	0.00132	<0.00001	<0.000005	<0.05	0.00008	0.000010	12.7	0.0001	0.000221	0.00079	<0.00005	0.003	0.000022	0.0017	0.21
BR03-1	HC-09															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-1	HC-09															
BR03-1	HC-09	0.00521	<0.00001	0.004	0.00016	0.00021	2.25	0.00633	0.00016	1.6	<0.000005	0.34	0.0237	<10	<0.00002	0.000011
BR03-1	HC-09															
BR03-1	HC-09	0.00450	<0.00001	0.003	0.00017	0.00023	2.18	0.00633	0.00020	1.4	<0.000005	0.32	0.0225	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00389	<0.00001	0.003	0.00018	0.00018	2.18	0.00669	0.00018	1.3	<0.000005	0.30	0.0235	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00463	<0.00001	0.003	0.00021	0.00019	2.04	0.00632	0.00017	1.1	<0.000005	0.28	0.0215	<10	<0.00002	0.000007
BR03-1	HC-09															
BR03-1	HC-09	0.00471	<0.00001	0.010	0.00023	0.00021	1.99	0.00622	0.00014	1.2	<0.000005	0.27	0.0203	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00458	<0.00001	0.010	0.00023	0.00029	1.78	0.00745	0.00015	1.2	<0.000005	0.28	0.0209	<10	<0.00002	0.000012
BR03-1	HC-09															
BR03-1	HC-09	0.00609	<0.00001	0.005	0.00070	0.00036	1.92	0.00644	0.00014	1.2	<0.000005	0.28	0.0263	<10	<0.00002	0.000007
BR03-1	HC-09															
BR03-1	HC-09	0.00604	<0.00001	<0.002	0.00056	0.00051	2.01	0.00647	0.00007	1.3	<0.000005	0.29	0.0294	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00473	<0.00001	<0.002	0.00070	0.00051	1.88	0.00691	0.00006	1.1	<0.000005	0.28	0.0315	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00554	<0.00001	0.012	0.00086	0.00085	2.05	0.00659	0.00014	1.2	<0.000005	0.29	0.0276	<10	<0.00002	0.000013
BR03-1	HC-09															
BR03-1	HC-09	0.00403	<0.00001	0.011	0.00074	0.00040	1.89	0.00661	0.00005	1.1	<0.000005	0.24	0.0228	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00383	<0.00001	0.010	0.00097	0.00031	2.10	0.00749	0.00015	1.4	<0.000005	0.28	0.0259	<10	<0.00002	0.000011
BR03-1	HC-09															
BR03-1	HC-09	0.00619	<0.00001	0.018	0.00093	0.00030	1.84	0.00697	0.00006	1.2	<0.000005	0.26	0.0243	<10	<0.00002	0.000012
BR03-1	HC-09															
BR03-1	HC-09	0.00423	<0.00001	0.008	0.00095	0.00032	1.78	0.00652	0.00008	1.2	<0.000005	0.24	0.0211	<10	<0.00002	0.000011
BR03-1	HC-09															
BR03-1	HC-09	0.00348	<0.00001	0.027	0.00087	0.00045	1.65	0.00593	0.00005	1.2	<0.000005	0.24	0.0190	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00321	<0.00001	0.005	0.00078	0.00026	1.52	0.00586	0.00006	1.1	<0.000005	0.21	0.0173	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00488	<0.00001	0.009	0.00098	0.00029	1.55	0.00649	0.00007	1.2	<0.000005	0.25	0.0199	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00352	<0.00001	0.003	0.00085	0.00039	1.48	0.00582	0.00007	1.0	<0.000005	0.18	0.0165	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00378	<0.00001	0.016	0.00084	0.00048	1.47	0.00610	0.00005	1.1	<0.000005	0.22	0.0167	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00367	<0.00001	0.004	0.00096	0.00024	1.57	0.00694	0.00008	1.2	<0.000005	0.21	0.0169	<10	<0.00002	0.000011
BR03-1	HC-09															
BR03-1	HC-09	0.00408	<0.00001	0.003	0.00102	0.00029	1.61	0.00695	0.00007	1.2	<0.000005	0.22	0.0179	<10	<0.00002	0.000011
BR03-1	HC-09															
BR03-1	HC-09	0.00387	<0.00001	0.003	0.00105	0.00064	1.51	0.00676	0.00007	1.3	<0.000005	0.22	0.0186	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00378	<0.00001	0.007	0.00105	0.00028	1.62	0.00676	0.00007	1.3	<0.000005	0.21	0.0191	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00378	<0.00001	0.003	0.00113	0.00039	1.45	0.00664	0.00010	1.2	<0.000005	0.21	0.0163	<10	<0.00002	0.000010
BR03-1	HC-09															
BR03-1	HC-09	0.00373	0.00001	<0.002	0.00117	0.00042	1.61	0.00718	0.00006	1.2	<0.000005	0.21	0.0166	<10	<0.00002	0.000011
BR03-1	HC-09															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0007	<0.0005	0.00010	0.00687	0.0027	<0.0001	0.0001	<0.002				0.64	0.61	2.63
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0006	<0.0005	0.00010	0.00605	0.0026	0.0001	<0.0001	<0.002				0.61	0.57	3.56
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00009	0.00531	0.0023	0.0002	<0.0001	<0.002				0.63	0.58	4.29
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	0.0008	0.00008	0.00429	0.0019	<0.0001	<0.0001	<0.002				0.57	0.55	2.05
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0007	<0.0005	0.00008	0.00406	0.0019	0.0002	<0.0001	<0.002				0.60	0.58	2.37
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00006	0.00395	0.0014	0.0006	<0.0001	<0.002				0.61	0.58	2.11
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00006	0.00496	0.0013	0.0003	<0.0001	<0.002				0.78	0.74	2.11
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00456	0.0010	0.0001	<0.0001	<0.002				0.83	0.90	-4.12
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00006	0.00463	0.0009	0.0003	<0.0001	<0.002				0.89	0.84	2.83
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00006	0.00341	0.0013	0.0009	<0.0001	<0.002				0.83	0.80	2.02
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00241	0.0010	0.0003	<0.0001	<0.002				0.74	0.76	-1.74
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00007	0.00270	0.0009	0.0002	<0.0001	<0.002				0.82	0.82	0.30
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00006	0.00227	0.0008	0.0004	<0.0001	<0.002				0.78	0.77	0.65
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00006	0.00209	0.0011	0.0002	<0.0001	<0.002				0.78	0.72	3.74
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00006	0.00191	0.0009	0.0002	<0.0001	<0.002				0.70	0.71	-0.57
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00005	0.00167	0.0008	0.0002	<0.0001	<0.002				0.61	0.65	-2.95
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00005	0.00192	0.0008	0.0002	<0.0001	<0.002				0.74	0.73	1.02
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	0.0005	0.00004	0.00155	0.0008	0.0002	<0.0001	<0.002				0.67	0.62	3.42
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00165	0.0009	0.0017	<0.0001	<0.002				0.71	0.67	2.99
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00005	0.00169	0.0008	0.0005	<0.0001	<0.002				0.63	0.69	-4.18
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00174	0.0009	0.0005	<0.0001	<0.002				0.73	0.73	0.34
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00004	0.00180	0.0009	0.0001	<0.0001	<0.002				0.76	0.75	0.47
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00178	0.0009	0.0001	<0.0001	<0.002				0.76	0.74	1.47
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00170	0.0009	0.0002	<0.0001	<0.002				0.71	0.74	-1.79
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0004	<0.0005	0.00004	0.00173	0.0008	<0.0001	<0.0001	<0.002				0.684	0.724	-2.84
BR03-1	HC-09															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	78	24-Jun-14	500	485	7.84	74.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	79	01-Jul-14	500	465		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	80	08-Jul-14	500	465	7.77	73.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	81	15-Jul-14	500	460		
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	82	22-Jul-14	500	475	7.60	66.0
BR03-1	HC-09	Umwelt	Greywacke	12GSE163	625.00	626.00	0.17	0.16	0.04	29.30	8.46	83	29-Jul-14	500	470		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	0	25-Dec-12	750	520	4.64	2320
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	1	01-Jan-13	500	450	5.50	922
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	2	08-Jan-13	500	495	6.13	348
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	3	15-Jan-13	500	475	5.86	216
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	4	22-Jan-13	500	470	6.14	180
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	5	29-Jan-13	500	485	6.53	164
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	6	05-Feb-13	500	485	6.04	146
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	7	12-Feb-13	500	475	6.21	132
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	8	19-Feb-13	500	475	6.24	118
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	9	26-Feb-13	500	445	6.15	115
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	10	05-Mar-13	500	495	6.11	110
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	11	12-Mar-13	500	490	5.94	154
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	12	19-Mar-13	500	500	5.50	199
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	13	26-Mar-13	500	460	5.14	265
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	14	02-Apr-13	500	475	5.05	186
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	15	09-Apr-13	500	475	5.16	144
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	16	16-Apr-13	500	450	4.71	160
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	17	23-Apr-13	500	465	4.74	240
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	18	30-Apr-13	500	490	4.81	240
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	19	07-May-13	500	485	4.72	251
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	20	14-May-13	500	465	4.62	218
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	21	21-May-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	22	28-May-13	500	490	4.48	231
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	23	04-Jun-13	500	455		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	24	11-Jun-13	500	500	4.49	222
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	25	18-Jun-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	26	25-Jun-13	500	480	4.28	211
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	27	02-Jul-13	500	495		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	28	09-Jul-13	500	470	4.10	258
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	29	16-Jul-13	500	460		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	30	23-Jul-13	500	495	4.13	231
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	31	30-Jul-13	500	470		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	32	06-Aug-13	500	470	3.89	298
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	33	13-Aug-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	34	20-Aug-13	500	465	4.09	208
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	35	27-Aug-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	36	03-Sep-13	500	490	4.04	245

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-1	HC-09	135	12.4	<0.5	0.5	21.4	<0.05	<0.01	<0.5					31.2	0.189	0.00005	0.0631
BR03-1	HC-09																
BR03-1	HC-09	135	13.2	<0.5	<0.5	22.1	<0.05	<0.01	<0.5					33.7	0.188	0.00004	0.0510
BR03-1	HC-09																
BR03-1	HC-09	130	10.9	<0.5	<0.5	17.5	<0.05	<0.01	<0.5					28.4	0.156	0.00003	0.0439
BR03-1	HC-09																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-2	HC-10	55.0	1290	<0.5	504.3	<0.5	0.10	0.957	274	<2	<0.5			744.0	1.80	<0.0001	0.00820
BR03-2	HC-10	70.0	243	<0.5	75.3	0.8	<0.05	0.247	187	<2	<0.5			314.0	0.0236	<0.00002	0.00188
BR03-2	HC-10	90.0	93.5	<0.5	23.9	0.9	<0.05	0.029	59.6	<2	<0.5			92.4	0.0030	<0.00002	0.00137
BR03-2	HC-10	120	52.0	<0.5	15.4	0.5	<0.05	0.011	41.3	<2	<0.5			60.4	0.0020	<0.00002	0.00112
BR03-2	HC-10	120	37.2	<0.5	12.4	<0.5	<0.05	<0.01	33.5	<0.02	<0.005			47.5	0.0027	<0.00002	0.00106
BR03-2	HC-10	100	25.2	<0.5	8.8	1.5	<0.05	<0.01	30.8					42.2	0.0018	<0.00002	0.00086
BR03-2	HC-10	100	25.0	<0.5	7.5	0.5	<0.05	<0.01	29.9					41.1	0.0017	<0.00002	0.00104
BR03-2	HC-10	115	20.1	<0.5	7.2	1.0	<0.05	<0.01	30.6					35.4	0.0020	<0.00002	0.00069
BR03-2	HC-10	70.0	13.5	<0.5	9.4	0.9	<0.05	<0.01	28.6					30.7	0.0021	<0.00002	0.00094
BR03-2	HC-10	95.0	17.3	<0.5	8.5	1.0	<0.05	<0.01	28.2					28.8	0.0016	<0.00002	0.00069
BR03-2	HC-10	110	18.7	<0.5	7.6	0.9	<0.05	<0.01	23.0					28.2	0.0029	<0.00002	0.00075
BR03-2	HC-10	110	41.1	<0.5	12.7	<0.5	<0.05	<0.01	44.8					41.0	0.0054	<0.00002	0.00083
BR03-2	HC-10	115	56.9	<0.5	25.2	<0.5	<0.05	<0.01	33.0					52.8	0.0150	<0.00002	0.00100
BR03-2	HC-10	140	82.8	<0.5	37.7	<0.5	<0.05	<0.01	28.4					60.4	0.0179	<0.00002	0.00122
BR03-2	HC-10	120	73.7	<0.5	38.3	<0.5	<0.05	<0.01	12.1					38.1	0.0118	<0.00002	0.00085
BR03-2	HC-10	80.0	51.3	<0.5	27.9	<0.5	<0.05	<0.01	4.6					21.5	0.0110	<0.00002	0.00059
BR03-2	HC-10	80.0	53.4	<0.5	37.7	<0.5	<0.05	<0.01	12.4					24.8	0.0229	<0.00002	0.00143
BR03-2	HC-10	140	102	<0.5	68.5	<0.5	<0.05	<0.01	10.6					35.5	0.0260	<0.00002	0.00091
BR03-2	HC-10	130	90.8	<0.5	61.7	<0.5	<0.05	<0.01	6.0					27.6	0.0338	<0.00002	0.00107
BR03-2	HC-10	120	109	<0.5	75.7	0.5	<0.05	<0.01	6.5					32.3	0.0388	<0.00002	0.00079
BR03-2	HC-10	160	89.8	<0.5	63.3	<0.5	<0.05	<0.01	5.4					25.6	0.0809	<0.00002	0.00143
BR03-2	HC-10																
BR03-2	HC-10	150	98.0	<0.5	67.9	<0.5	<0.05	<0.01	6.2					27.5	0.0910	<0.00002	0.00103
BR03-2	HC-10																
BR03-2	HC-10	180	94.9	<0.5	65.4	<0.5	<0.05	<0.01	2.5					25.6	0.0839	<0.00002	0.00097
BR03-2	HC-10																
BR03-2	HC-10	210	86.7	<0.5	60.4	<0.5	<0.05	<0.01	2.4					22.3	0.0921	<0.00002	0.00130
BR03-2	HC-10																
BR03-2	HC-10	195	109	<0.5	80.8	<0.5	<0.05	<0.01	1.2					24.6	0.184	<0.00002	0.00168
BR03-2	HC-10																
BR03-2	HC-10	200	92.0	<0.5	67.1	<0.5	<0.05	<0.01	0.6					20.1	0.210	<0.00002	0.00082
BR03-2	HC-10																
BR03-2	HC-10	220	123	5.1	96.3	<0.5	0.06	<0.01	0.9					29.1	0.349	<0.00002	0.00134
BR03-2	HC-10																
BR03-2	HC-10	215	80.9	<0.5	58.5	<0.5	<0.05	<0.01	<0.5					16.3	0.258	<0.00002	0.00120
BR03-2	HC-10																
BR03-2	HC-10	200	93.5	<0.5	70.0	<0.5	0.06	<0.01	0.6					20.8	0.319	<0.00002	0.00085

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-1	HC-09	0.00121	<0.00001	<0.000005	<0.05	0.00006	0.000012	12.2	<0.0001	0.000263	0.00039	<0.00005	0.001	0.000018	0.0015	0.20
BR03-1	HC-09															
BR03-1	HC-09	0.00132	<0.00001	<0.000005	<0.05	0.00007	0.000013	13.1	<0.0001	0.000264	0.00047	<0.00005	0.004	0.000027	0.0016	0.21
BR03-1	HC-09															
BR03-1	HC-09	0.00119	<0.00001	<0.000005	<0.05	0.00008	0.000010	11.1	<0.0001	0.000250	0.00017	<0.00005	0.010	0.000051	0.0014	0.17
BR03-1	HC-09															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-2	HC-10	0.0901	0.00096	0.000030	<0.3	0.00180	0.000790	73.2	<0.0005	1.93	0.00340	0.04880	305	0.00190	0.3690	136.00
BR03-2	HC-10	0.0486	0.00003	<0.000005	0.10	0.00023	0.000026	20.0	<0.0001	0.0666	0.00047	0.00406	52.3	0.00125	0.0596	64.00
BR03-2	HC-10	0.0166	0.00001	<0.000005	0.07	0.00010	0.000005	5.22	<0.0001	0.0125	0.00023	0.00071	11.0	0.000026	0.0321	19.30
BR03-2	HC-10	0.0112	<0.00001	<0.000005	0.05	0.00007	0.000010	3.83	0.0001	0.0156	0.00024	0.00044	7.04	0.000017	0.0223	12.30
BR03-2	HC-10	0.0084	<0.00001	<0.000005	<0.05	0.00005	0.000008	3.29	<0.0001	0.0117	0.00018	0.00031	5.40	0.000039	0.0172	9.54
BR03-2	HC-10	0.0069	<0.00001	<0.000005	<0.05	<0.00005	0.000006	3.26	<0.0001	0.0076	0.00165	0.00023	4.48	0.000034	0.0156	8.26
BR03-2	HC-10	0.0072	0.00001	<0.000005	<0.05	<0.00005	0.000010	3.34	<0.0001	0.0183	0.00020	0.00025	4.04	0.000031	0.0155	7.97
BR03-2	HC-10	0.0063	<0.00001	<0.000005	<0.05	<0.00005	0.000010	3.26	<0.0001	0.0173	0.00094	0.00022	4.53	0.000432	0.0143	6.61
BR03-2	HC-10	0.0053	<0.00001	<0.000005	<0.05	<0.00005	0.000009	3.27	0.0001	0.0154	0.00016	0.00017	4.63	0.000683	0.0129	5.47
BR03-2	HC-10	0.0055	<0.00001	<0.000005	<0.05	<0.00005	0.000007	3.01	<0.0001	0.0140	0.00029	0.00019	4.77	0.000013	0.0127	5.16
BR03-2	HC-10	0.0056	0.00001	0.000006	<0.05	<0.00005	0.000010	2.94	<0.0001	0.0146	0.00029	0.00020	3.57	0.000044	0.0121	5.07
BR03-2	HC-10	0.0084	0.00001	<0.000005	<0.05	<0.00005	0.000011	4.33	0.0001	0.0468	0.00043	0.00048	7.62	0.000029	0.0137	7.33
BR03-2	HC-10	0.0134	0.00003	<0.000005	<0.05	0.00006	0.000028	5.85	0.0001	0.1020	0.00045	0.00112	12.6	0.004840	0.0166	9.27
BR03-2	HC-10	0.0167	0.00004	<0.000005	<0.05	0.00006	0.000018	6.95	<0.0001	0.0904	0.00075	0.00178	20.3	0.000031	0.0189	10.40
BR03-2	HC-10	0.0117	0.00002	<0.000005	<0.05	<0.00005	0.000011	4.63	0.0001	0.0364	0.00133	0.00122	18.7	0.000031	0.0163	6.44
BR03-2	HC-10	0.0104	0.00003	<0.000005	<0.05	<0.00005	0.000021	2.64	<0.0001	0.0806	0.00024	0.00097	18.3	0.000081	0.0120	3.62
BR03-2	HC-10	0.0141	0.00007	<0.000005	<0.05	<0.00005	0.000033	2.96	<0.0001	0.1560	0.00021	0.00161	19.5	0.000044	0.0114	4.24
BR03-2	HC-10	0.0169	0.00006	<0.000005	<0.05	<0.00005	0.000015	4.22	<0.0001	0.1040	0.00016	0.00259	36.3	0.000190	0.0163	6.06
BR03-2	HC-10	0.0150	0.00005	<0.000005	<0.05	0.00006	0.000024	3.49	<0.0001	0.0842	0.00047	0.00208	32.5	0.000068	0.0164	4.59
BR03-2	HC-10	0.0177	0.00006	<0.000005	<0.05	0.00006	0.000013	4.22	<0.0001	0.0561	0.00024	0.00281	36.6	0.000147	0.0200	5.28
BR03-2	HC-10	0.0136	0.00008	<0.000005	<0.05	0.00005	0.000016	3.22	<0.0001	0.0801	0.00108	0.00283	33.3	0.000143	0.0169	4.26
BR03-2	HC-10															
BR03-2	HC-10	0.0146	0.00008	<0.000005	<0.05	<0.00005	0.000026	3.58	0.0001	0.0959	0.00107	0.00270	35.8	0.000302	0.0194	4.50
BR03-2	HC-10															
BR03-2	HC-10	0.0134	0.00007	<0.000005	<0.05	0.00006	0.000012	3.63	<0.0001	0.0334	0.00098	0.00265	36.2	0.00115	0.0185	4.01
BR03-2	HC-10															
BR03-2	HC-10	0.0124	0.00007	<0.000005	<0.05	<0.00005	0.000016	3.30	0.0003	0.0513	0.00088	0.00236	35.2	0.00264	0.0156	3.42
BR03-2	HC-10															
BR03-2	HC-10	0.0147	0.00011	<0.000005	<0.05	<0.00005	0.000021	3.62	0.0002	0.0479	0.00111	0.00370	39.5	0.000142	0.0162	3.79
BR03-2	HC-10															
BR03-2	HC-10	0.0124	0.00008	<0.000005	<0.05	<0.00005	0.000013	2.95	0.0002	0.0169	0.00101	0.00362	33.7	0.000097	0.0140	3.09
BR03-2	HC-10															
BR03-2	HC-10	0.0165	0.00014	<0.000005	<0.05	0.00006	0.000017	4.14	<0.0001	0.0292	0.00144	0.00543	44.6	0.000274	0.0191	4.55
BR03-2	HC-10															
BR03-2	HC-10	0.0132	0.00015	<0.000005	<0.05	<0.00005	0.000021	2.24	<0.0001	0.0499	0.00217	0.00358	28.6	0.00104	0.0112	2.61
BR03-2	HC-10															
BR03-2	HC-10	0.0135	0.00013	<0.000005	<0.05	0.00005	0.000016	3.10	<0.0001	0.0307	0.00124	0.00530	35.8	0.000151	0.0142	3.18

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-1	HC-09	0.00316	<0.00001	0.007	0.00108	0.00024	1.54	0.00619	0.00007	1.3	<0.000005	0.19	0.0156	<10	<0.00002	0.000009
BR03-1	HC-09															
BR03-1	HC-09	0.00399	<0.00001	0.005	0.00121	0.00022	1.64	0.00744	0.00008	1.2	<0.000005	0.22	0.0153	<10	<0.00002	0.000011
BR03-1	HC-09															
BR03-1	HC-09	0.00295	<0.00001	<0.002	0.00099	0.00036	1.34	0.00656	0.00005	1.1	<0.000005	0.16	0.0129	<10	<0.00002	0.000010
BR03-1	HC-09															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-2	HC-10	2.56	<0.00005	<0.01	0.00040	3.36000	164.00	0.25200	0.00310	10.7	0.000070	53.60	1.22	692	<0.0001	<0.00001
BR03-2	HC-10	1.06	<0.00001	<0.002	0.00011	0.17200	29.70	0.05150	0.00373	8.4	0.000037	8.13	0.149	168	<0.00002	<0.000002
BR03-2	HC-10	0.323	0.00002	<0.002	0.00010	0.03050	14.30	0.02490	0.00135	6.0	0.000014	3.03	0.0392	58	<0.00002	0.000002
BR03-2	HC-10	0.207	<0.00001	<0.002	0.00005	0.04070	10.60	0.01730	0.00093	5.8	0.000011	1.90	0.0241	73	<0.00002	<0.000002
BR03-2	HC-10	0.150	<0.00001	0.012	<0.00005	0.02960	8.44	0.01410	0.00077	5.4	0.000009	1.39	0.0185	81	<0.00002	<0.000002
BR03-2	HC-10	0.132	<0.00001	0.015	<0.00005	0.01920	7.30	0.01320	0.00066	5.6	0.000059	1.11	0.0161	53	<0.00002	<0.000002
BR03-2	HC-10	0.127	<0.00001	0.007	<0.00005	0.04340	6.32	0.01110	0.00074	4.7	0.000013	0.91	0.0152	29	<0.00002	0.000003
BR03-2	HC-10	0.126	0.00001	0.002	<0.00005	0.04120	5.64	0.01030	0.00061	4.7	0.000043	0.78	0.0137	30	<0.00002	<0.000002
BR03-2	HC-10	0.119	<0.00001	0.010	<0.00005	0.04200	4.94	0.00830	0.00078	5.5	0.000009	0.72	0.0127	21	<0.00002	0.000005
BR03-2	HC-10	0.117	0.00002	0.012	<0.00005	0.03540	4.71	0.00867	0.00064	4.2	0.000013	0.69	0.0133	26	<0.00002	<0.000002
BR03-2	HC-10	0.110	<0.00001	<0.002	<0.00005	0.03480	4.69	0.00850	0.00067	4.5	0.000017	0.69	0.0120	44	0.00002	0.000004
BR03-2	HC-10	0.168	0.00001	0.004	<0.00005	0.13600	5.37	0.00964	0.00118	4.9	0.000013	0.76	0.0188	41	0.00003	0.000003
BR03-2	HC-10	0.238	<0.00001	0.005	<0.00005	0.25900	5.77	0.01100	0.00137	5.6	0.000020	0.75	0.0255	46	<0.00002	0.000007
BR03-2	HC-10	0.341	0.00001	<0.002	<0.00005	0.24900	6.38	0.01210	0.00177	6.1	0.000034	0.78	0.0314	67	<0.00002	0.000004
BR03-2	HC-10	0.251	0.00003	0.005	<0.00005	0.09050	4.75	0.00907	0.00138	5.0	0.000016	0.59	0.0227	32	<0.00002	0.000002
BR03-2	HC-10	0.126	0.00005	<0.002	0.00045	0.19600	3.06	0.00738	0.00144	2.7	0.000005	0.30	0.0136	22	<0.00002	<0.000002
BR03-2	HC-10	0.155	0.00002	<0.002	<0.00005	0.34900	2.89	0.00715	0.00119	2.3	<0.000005	0.33	0.0167	29	<0.00002	0.000003
BR03-2	HC-10	0.221	<0.00001	0.002	<0.00005	0.26600	4.03	0.00909	0.00167	3.2	0.000011	0.53	0.0255	40	<0.00002	0.000003
BR03-2	HC-10	0.156	<0.00001	0.003	<0.00005	0.22800	3.36	0.00763	0.00161	3.1	0.000008	0.45	0.0202	34	<0.00002	0.000007
BR03-2	HC-10	0.196	<0.00001	<0.002	<0.00005	0.14300	4.47	0.00977	0.00184	4.5	0.000009	0.63	0.0272	41	<0.00002	<0.000002
BR03-2	HC-10	0.143	0.00006	0.003	<0.00005	0.21000	3.43	0.00796	0.00154	3.9	0.000006	0.47	0.0195	34	<0.00002	<0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.140	0.00004	0.002	<0.00005	0.24400	3.93	0.00931	0.00146	4.8	0.000008	0.52	0.0203	39	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.113	<0.00001	<0.002	<0.00005	0.09070	3.92	0.00924	0.00129	5.7	0.000005	0.49	0.0192	35	<0.00002	<0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0912	<0.00001	0.020	<0.00005	0.14200	3.16	0.00778	0.00116	5.4	<0.000005	0.40	0.0154	29	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0947	<0.00001	0.005	<0.00005	0.14000	3.08	0.00754	0.00125	6.0	<0.000005	0.38	0.0166	37	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0735	0.00002	0.004	<0.00005	0.05710	2.88	0.00752	0.00096	4.9	<0.000005	0.35	0.0132	31	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.1030	0.00002	0.004	<0.00005	0.07940	3.64	0.00935	0.00116	6.6	0.000005	0.49	0.0187	40	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0556	<0.00001	0.005	<0.00005	0.14800	2.03	0.00597	0.00075	3.2	<0.000005	0.22	0.0086	27	<0.00002	<0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0750	<0.00001	0.005	<0.00005	0.09080	2.77	0.00727	0.00080	4.8	0.000007	0.33	0.0125	32	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-1	HC-09	<0.000005	0.0003	<0.0005	0.00005	0.00158	0.0009	0.0004	<0.0001	<0.002				0.685	0.693	-0.580
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00004	0.00136	0.0006	0.0004	<0.0001	<0.002				0.718	0.745	-1.85
BR03-1	HC-09															
BR03-1	HC-09	<0.000005	0.0002	<0.0005	0.00004	0.00113	0.0005	<0.0001	<0.0001	<0.002				0.576	0.626	-4.16
BR03-1	HC-09															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-2	HC-10	<0.00003	0.0008	<0.003	0.00036	0.011100	<0.001	0.0865	<0.0005	0.004				34.50	32.60	2.86
BR03-2	HC-10	<0.000005	0.0003	<0.0005	0.00009	0.000206	<0.0002	0.0053	<0.0001	<0.002				10.40	9.30	5.42
BR03-2	HC-10	<0.000005	0.0002	<0.0005	0.00004	0.000026	<0.0002	0.0021	<0.0001	<0.002				3.65	2.75	14.00
BR03-2	HC-10	<0.000005	0.0002	<0.0005	0.00002	0.000018	<0.0002	0.0019	<0.0001	<0.002				2.26	1.82	10.70
BR03-2	HC-10	<0.000005	0.0001	<0.0005	0.00002	0.000014	0.0002	0.0015	<0.0001	0.002				1.72	1.43	9.32
BR03-2	HC-10	<0.000005	0.0001	<0.0005	0.00001	0.000016	0.0003	0.0016	<0.0001	0.003				1.42	1.24	6.68
BR03-2	HC-10	<0.000005	0.0001	<0.0005	0.00003	0.000042	<0.0002	0.0018	<0.0001	<0.002				1.37	1.17	7.89
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000006	<0.0002	0.0029	<0.0001	<0.002				1.30	1.05	10.50
BR03-2	HC-10	<0.000005	0.0001	<0.0005	0.00002	0.000049	<0.0002	0.0019	<0.0001	<0.002				1.11	0.94	8.01
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000011	<0.0002	0.0019	<0.0001	<0.002				1.17	0.90	13.20
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000011	<0.0002	0.0022	<0.0001	<0.002				1.06	0.85	11.00
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000017	0.0003	0.0025	<0.0001	<0.002				2.12	1.27	25.00
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000057	<0.0002	0.0053	<0.0001	<0.002				2.11	1.70	10.90
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000104	<0.0002	0.0048	<0.0001	<0.002				2.52	2.14	8.14
BR03-2	HC-10	<0.000005	0.0001	<0.0005	0.00002	0.000090	<0.0002	0.0041	<0.0001	<0.002				1.88	1.59	8.37
BR03-2	HC-10	<0.000005	0.0010	<0.0005	0.00002	0.000078	<0.0002	0.0034	<0.0001	<0.002				1.20	1.18	0.71
BR03-2	HC-10	<0.000005	0.0001	<0.0005	<0.00001	0.000239	<0.0002	0.0038	<0.0001	<0.002				1.46	1.29	6.10
BR03-2	HC-10	<0.000005	0.0000	<0.0005	0.00001	0.000205	<0.0002	0.0040	<0.0001	<0.002				2.43	2.15	6.22
BR03-2	HC-10	<0.000005	0.0002	<0.0005	<0.00001	0.000243	<0.0002	0.0036	<0.0001	<0.002				2.06	1.83	5.89
BR03-2	HC-10	<0.000005	0.0000	<0.0005	0.00007	0.000229	<0.0002	0.0044	<0.0001	<0.002				2.46	2.11	7.60
BR03-2	HC-10	<0.000005	0.0000	<0.0005	<0.00001	0.000490	<0.0002	0.0049	<0.0001	<0.002				2.02	1.83	5.06
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	<0.0002	<0.0005	<0.00001	0.000261	<0.0002	0.0052	<0.0001	<0.002				2.22	1.97	5.88
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	<0.0002	<0.0005	0.00001	0.000257	<0.0002	0.0036	<0.0001	<0.002				2.05	1.94	2.63
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	0.0002	<0.0005	<0.00001	0.000281	<0.0002	0.0045	<0.0001	<0.002				1.87	1.82	1.43
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	0.0003	<0.0005	<0.00001	0.000463	<0.0002	0.0056	<0.0001	<0.002				2.30	2.03	6.22
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	0.0003	<0.0005	<0.00001	0.000393	<0.0002	0.0056	<0.0001	<0.002				1.94	1.73	5.74
BR03-2	HC-10															
BR03-2	HC-10	0.000006	<0.0002	<0.0005	<0.00001	0.000539	<0.0002	0.0086	<0.0001	<0.002				2.58	2.34	5.04
BR03-2	HC-10															
BR03-2	HC-10	0.000008	<0.0002	<0.0005	<0.00001	0.000453	<0.0002	0.0065	<0.0001	<0.002				1.69	1.45	7.66
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	<0.0002	<0.0005	<0.00001	0.000487	<0.0002	0.0074	<0.0001	<0.002				1.97	1.82	3.83

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	37	10-Sep-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	38	17-Sep-13	500	475	3.83	259
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	39	24-Sep-13	500	495		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	40	01-Oct-13	500	460	3.85	263
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	41	08-Oct-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	42	15-Oct-13	500	470	3.77	305
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	43	22-Oct-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	44	29-Oct-13	500	485	3.61	370
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	45	05-Nov-13	500	475		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	46	12-Nov-13	500	485	3.67	267
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	47	19-Nov-13	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	48	26-Nov-13	500	460	3.68	320
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	49	03-Dec-13	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	50	10-Dec-13	500	470	3.63	323
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	51	17-Dec-13	500	455		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	52	24-Dec-13	500	480	3.48	357
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	53	31-Dec-13	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	54	07-Jan-14	500	465	3.63	384
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	55	14-Jan-14	500	475		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	56	21-Jan-14	500	490	3.65	332
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	57	28-Jan-14	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	58	04-Feb-14	500	465	3.60	362
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	59	11-Feb-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	60	18-Feb-14	500	460	3.57	531
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	61	25-Feb-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	62	04-Mar-14	500	495	3.54	509
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	63	11-Mar-14	500	460		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	64	18-Mar-14	500	470	3.51	458
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	65	25-Mar-14	500	475		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	66	01-Apr-14	500	475	3.43	624
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	67	08-Apr-14	500	470		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	68	15-Apr-14	500	460	3.35	691
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	69	22-Apr-14	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	70	29-Apr-14	500	475	3.52	438
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	71	06-May-14	500	465		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	72	13-May-14	500	480	3.57	365
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	73	20-May-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	74	27-May-14	500	490	3.60	315
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	75	03-Jun-14	500	460		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	76	10-Jun-14	500	475	3.61	300
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	77	17-Jun-14	500	495		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	78	24-Jun-14	500	445	3.73	233
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	79	01-Jul-14	500	465		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	80	08-Jul-14	500	465	3.58	313
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	81	15-Jul-14	500	460		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	82	22-Jul-14	500	455	3.57	350
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	83	29-Jul-14	500	475		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	84	05-Aug-14	500	460	3.58	342
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	85	12-Aug-14	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	86	19-Aug-14	500	465	3.66	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	87	26-Aug-14	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-2	HC-10																
BR03-2	HC-10	240	96.2	<0.5	73.6	<0.5	0.07	<0.01	0.7					20.1	0.645	<0.00002	0.00110
BR03-2	HC-10																
BR03-2	HC-10	230	99.8	1.8	69.5	<0.5	0.08	<0.01	<0.5					22.3	0.734	<0.00002	0.00083
BR03-2	HC-10																
BR03-2	HC-10	240	108	1.1	82.2	<0.5	0.10	<0.01	0.5					26.2	0.950	<0.00002	0.00093
BR03-2	HC-10																
BR03-2	HC-10	315	128	1.8	88.8	<0.5	0.10	<0.01	0.7					26.0	1.02	<0.00002	0.00081
BR03-2	HC-10																
BR03-2	HC-10	350	95.1	21.8	75.4	<0.5	0.08	<0.01	<0.5					18.2	0.723	<0.00002	0.00070
BR03-2	HC-10																
BR03-2	HC-10	340	119	2.0	84.0	<0.5	0.10	<0.01	<0.5					23.8	0.941	<0.00002	0.00086
BR03-2	HC-10																
BR03-2	HC-10	350	116	6.2	83.3	<0.5	0.10	<0.01	<0.5					24.7	1.09	<0.00002	0.00051
BR03-2	HC-10																
BR03-2	HC-10	380	105	9.8	79.0	<0.5	0.14	<0.01	<0.5					23.4	1.28	<0.00002	0.00036
BR03-2	HC-10																
BR03-2	HC-10	370	155	53.4	130.3	<0.5	0.16	<0.01	<0.5					33.0	2.03	<0.00002	0.00061
BR03-2	HC-10																
BR03-2	HC-10	360	114	8.8	86.8	<0.5	0.16	<0.01	<0.5					26.1	1.82	<0.00002	0.00055
BR03-2	HC-10																
BR03-2	HC-10	400	142	3.2	120.5	<0.5	0.22	<0.01	<0.5					27.9	2.07	<0.00002	0.00107
BR03-2	HC-10																
BR03-2	HC-10	400	226	28.9	195.9	<0.5	0.26	<0.01	<0.5					39.4	3.12	<0.00008	0.00149
BR03-2	HC-10																
BR03-2	HC-10	370	181	24.0	175.0	<0.5	0.21	<0.01	0.6					31.6	2.21	<0.00002	0.00077
BR03-2	HC-10																
BR03-2	HC-10	370	165	28.8	146.9	<0.5	0.22	<0.01	<0.5					26.0	2.47	<0.00002	0.00133
BR03-2	HC-10																
BR03-2	HC-10	400	209	38.0	219.6	<0.5	0.31	<0.01	0.5					41.4	4.97	<0.00002	0.00244
BR03-2	HC-10																
BR03-2	HC-10	370	250	43.1	231.6	<0.5	0.34	<0.1	<0.5					54.0	7.19	<0.00002	0.00383
BR03-2	HC-10																
BR03-2	HC-10	390	153	30.3	124.7	<0.5	0.21	<0.01	<0.5					39.9	3.35	<0.00002	0.00143
BR03-2	HC-10																
BR03-2	HC-10	370	123	24.1	98.6	<0.5	0.23	<0.01	<0.5					34.0	2.72	<0.00002	0.00098
BR03-2	HC-10																
BR03-2	HC-10	340	102	19.1	79.0	<0.5	0.18	<0.01	<0.5					27.5	1.99	<0.00002	0.00073
BR03-2	HC-10																
BR03-2	HC-10	340	94.9	18.4	75.0	<0.5	0.17	<0.01	<0.5					28.1	1.99	<0.00002	0.00018
BR03-2	HC-10																
BR03-2	HC-10	320	71.7	13.6	58.6	<0.5	0.15	<0.01	<0.5					22.5	1.46	<0.00002	0.00061
BR03-2	HC-10																
BR03-2	HC-10	300	112	21.4	87.6	<0.5	<0.05	<0.01	0.6					26.1	2.53	<0.00002	0.00060
BR03-2	HC-10																
BR03-2	HC-10	310	120	26.5	103.0	<0.5	0.20	<0.01	<0.5					28.0	2.85	<0.00002	0.00014
BR03-2	HC-10																
BR03-2	HC-10	350	118	20.2	103.3	<0.5	0.20		<0.5					26.3	2.50	<0.00002	0.00052
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-2	HC-10															
BR03-2	HC-10	0.0163	0.00020	<0.000005	<0.05	0.00005	0.000024	3.03	<0.0001	0.0284	0.00198	0.00745	35.2	0.00278	0.0129	3.04
BR03-2	HC-10															
BR03-2	HC-10	0.0160	0.00022	<0.000005	<0.05	0.00006	0.000022	3.11	0.0002	0.0192	0.00272	0.00748	36.4	0.00356	0.0131	3.52
BR03-2	HC-10															
BR03-2	HC-10	0.0192	0.00028	<0.000005	<0.05	0.00006	0.000017	3.68	0.0002	0.0292	0.00236	0.00996	42.9	0.00104	0.0137	4.13
BR03-2	HC-10															
BR03-2	HC-10	0.0205	0.00025	<0.000005	<0.05	0.00007	0.000020	3.64	0.0002	0.0363	0.00446	0.01050	42.5	0.00049	0.0143	4.10
BR03-2	HC-10															
BR03-2	HC-10	0.0152	0.00021	<0.000005	<0.05	<0.00005	0.000021	2.73	0.0002	0.0235	0.00349	0.00761	31.0	0.00199	0.0105	2.77
BR03-2	HC-10															
BR03-2	HC-10	0.0177	0.00026	<0.000005	<0.05	0.00006	0.000064	3.26	0.0001	0.0316	0.00279	0.00959	43.6	0.00384	0.0126	3.81
BR03-2	HC-10															
BR03-2	HC-10	0.0171	0.00026	<0.000005	<0.05	0.00006	0.000011	3.58	0.0002	0.0130	0.00302	0.00996	41.6	0.000266	0.0150	3.84
BR03-2	HC-10															
BR03-2	HC-10	0.0169	0.00025	<0.000005	<0.05	0.00006	0.000016	3.33	0.0002	0.0157	0.00286	0.01030	32.0	0.000869	0.0148	3.67
BR03-2	HC-10															
BR03-2	HC-10	0.0222	0.00036	<0.000005	<0.05	0.00006	0.000011	4.48	0.0004	0.0166	0.00264	0.01510	52.5	0.000278	0.0185	5.29
BR03-2	HC-10															
BR03-2	HC-10	0.0180	0.00028	<0.000005	<0.05	0.00006	0.000010	3.78	0.0005	0.0096	0.00393	0.01130	36.0	0.000769	0.0140	4.05
BR03-2	HC-10															
BR03-2	HC-10	0.0212	0.00034	<0.000005	<0.05	0.00006	0.000020	3.81	0.0006	0.0273	0.00358	0.01210	46.9	0.000263	0.0153	4.47
BR03-2	HC-10															
BR03-2	HC-10	0.0349	0.00052	<0.00002	<0.2	<0.0002	0.000030	5.00	0.0007	0.0468	0.00460	0.02300	85.2	0.003810	0.0200	6.50
BR03-2	HC-10															
BR03-2	HC-10	0.0262	0.00042	<0.000005	<0.05	0.00007	0.000020	4.06	0.0006	0.0344	0.00420	0.01680	75.6	0.000381	0.0196	5.20
BR03-2	HC-10															
BR03-2	HC-10	0.0274	0.00047	<0.000005	<0.05	0.00006	0.000199	2.69	0.0008	0.0483	0.00812	0.02190	60.0	0.000539	0.0136	4.68
BR03-2	HC-10															
BR03-2	HC-10	0.0452	0.00091	<0.000005	<0.05	0.00008	0.000085	3.46	0.0014	0.1230	0.00551	0.05160	94.4	0.000681	0.0220	7.95
BR03-2	HC-10															
BR03-2	HC-10	0.0404	0.00106	<0.000005	<0.05	0.00010	0.000140	4.14	0.0021	0.200	0.00589	0.06130	91.8	0.000937	0.0282	10.60
BR03-2	HC-10															
BR03-2	HC-10	0.0229	0.00053	<0.000005	<0.05	0.00007	0.000049	3.83	0.0010	0.0474	0.00487	0.02320	44.2	0.000448	0.0236	7.36
BR03-2	HC-10															
BR03-2	HC-10	0.0178	0.00041	<0.000005	<0.05	0.00006	0.000031	3.03	0.0009	0.0420	0.00427	0.01490	33.0	0.000304	0.0185	6.42
BR03-2	HC-10															
BR03-2	HC-10	0.0156	0.00031	<0.000005	<0.05	0.00005	0.000045	2.57	0.0006	0.0653	0.00397	0.00930	26.3	0.000298	0.0150	5.13
BR03-2	HC-10															
BR03-2	HC-10	0.0142	0.00029	0.000010	<0.05	0.00005	0.000032	2.94	0.0004	0.0358	0.00417	0.00846	21.0	0.000440	0.0161	5.05
BR03-2	HC-10															
BR03-2	HC-10	0.0110	0.00025	<0.000005	<0.05	<0.00005	0.000021	2.32	0.0004	0.0264	0.00311	0.00571	18.0	0.000188	0.0124	4.06
BR03-2	HC-10															
BR03-2	HC-10	0.0157	0.00038	<0.000005	<0.05	0.00005	0.000030	2.63	0.0006	0.0613	0.00366	0.0102	28.4	0.000253	0.0162	4.74
BR03-2	HC-10															
BR03-2	HC-10	0.0168	0.00036	<0.000005	<0.05	0.00005	0.000033	3.03	0.0008	0.0568	0.00340	0.0109	32.4	0.000337	0.0173	4.97
BR03-2	HC-10															
BR03-2	HC-10	0.0167	0.00035	0.000046	<0.05	0.00006	0.000033	2.82	0.0006	0.0674	0.00365	0.0101	34.8	0.000337	0.0180	4.67
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0689	<0.00001	0.007	<0.00005	0.08340	2.22	0.00708	0.00078	5.0	<0.000005	0.28	0.0118	30	<0.00002	0.000005
BR03-2	HC-10															
BR03-2	HC-10	0.0723	<0.00001	0.008	0.00009	0.05830	2.58	0.00694	0.00076	5.5	<0.000005	0.33	0.0111	35	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0882	<0.00001	0.003	<0.00005	0.07810	2.75	0.00724	0.00069	6.2	<0.000005	0.37	0.0129	43	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0864	<0.00001	0.003	<0.00005	0.09760	2.61	0.00830	0.00080	6.2	<0.000005	0.36	0.0134	39	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0652	<0.00001	0.014	<0.00005	0.06330	1.90	0.00636	0.00070	4.5	<0.000005	0.26	0.00921	26	<0.00002	0.000004
BR03-2	HC-10															
BR03-2	HC-10	0.0833	0.00001	0.012	<0.00005	0.09520	2.57	0.00752	0.00074	6.2	<0.000005	0.36	0.0106	43	<0.00002	0.000007
BR03-2	HC-10															
BR03-2	HC-10	0.0767	<0.00001	0.010	<0.00005	0.03420	2.56	0.00807	0.00073	7.4	<0.000005	0.37	0.0107	40	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.06930	<0.00001	0.018	<0.00005	0.03790	2.27	0.00754	0.00056	6.1	<0.000005	0.36	0.00982	36	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.105	<0.00001	0.011	<0.00005	0.04400	2.69	0.00883	0.00064	7.4	<0.000005	0.39	0.0132	50	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0802	<0.00001	0.020	<0.00005	0.02390	2.23	0.00730	0.00044	6.7	<0.000005	0.30	0.00993	37	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0841	<0.00001	0.006	<0.00005	0.07200	2.10	0.00744	0.00054	6.6	<0.000005	0.29	0.00984	44	<0.00002	0.000004
BR03-2	HC-10															
BR03-2	HC-10	0.122	<0.00004	<0.008	<0.0002	0.14400	2.80	0.00990	0.00100	9.2	<0.00002	0.40	0.0147	72	<0.00008	<0.000008
BR03-2	HC-10															
BR03-2	HC-10	0.103	<0.00001	0.005	<0.00005	0.10100	2.43	0.00902	0.00059	8.0	<0.000005	0.32	0.0118	61	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0941	0.00001	0.018	<0.00005	0.22300	1.68	0.00693	0.00051	6.5	<0.000005	0.23	0.00830	50	<0.00002	0.000007
BR03-2	HC-10															
BR03-2	HC-10	0.157	<0.00001	0.003	<0.00005	0.29300	2.36	0.00963	0.00068	9.1	<0.000005	0.34	0.0108	82	<0.00002	0.000004
BR03-2	HC-10															
BR03-2	HC-10	0.207	<0.00001	0.004	<0.00005	0.41200	2.42	0.01050	0.00082	10.6	<0.000005	0.40	0.0123	93	<0.00002	0.000006
BR03-2	HC-10															
BR03-2	HC-10	0.138	<0.00001	0.003	<0.00005	0.09950	1.79	0.00766	0.00046	8.4	<0.000005	0.28	0.00918	52	<0.00002	0.000005
BR03-2	HC-10															
BR03-2	HC-10	0.116	<0.00001	0.008	<0.00005	0.08740	1.68	0.00645	0.00036	7.2	<0.000005	0.27	0.00710	42	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0910	<0.00001	0.003	<0.00005	0.12500	1.30	0.00571	0.00035	6.3	<0.000005	0.22	0.00549	33	<0.00002	0.000002
BR03-2	HC-10															
BR03-2	HC-10	0.0865	<0.00001	0.015	0.00006	0.0741	1.63	0.00621	0.00030	7.2	<0.000005	0.50	0.00571	31	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0702	<0.00001	0.008	<0.00005	0.0492	1.08	0.00447	0.00027	5.6	<0.000005	0.22	0.00458	25	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0833	<0.00001	0.005	<0.00005	0.139	1.32	0.00566	0.00041	5.9	0.000007	0.25	0.00596	33	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0887	<0.00001	0.003	<0.00005	0.114	1.45	0.00614	0.00043	7.4	<0.000005	0.25	0.00642	38	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10	0.0860	<0.00001	0.002	<0.00005	0.143	1.36	0.00591	0.00045	7.0	0.000008	0.24	0.00623	37	<0.00002	0.000010
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-2	HC-10															
BR03-2	HC-10	0.000005	<0.0002	<0.0005	<0.00001	0.000785	<0.0002	0.0107	<0.0001	<0.002				2.03	1.81	5.71
BR03-2	HC-10															
BR03-2	HC-10	0.000005	<0.0002	<0.0005	<0.00001	0.000790	<0.0002	0.0111	<0.0001	<0.002				2.08	1.91	4.25
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	<0.0002	<0.0005	0.00001	0.000941	<0.0002	0.0128	<0.0001	0.006				2.28	2.26	0.51
BR03-2	HC-10															
BR03-2	HC-10	0.000018	<0.0002	<0.0005	<0.00001	0.000872	<0.0002	0.0127	<0.0001	<0.002				2.68	2.24	8.95
BR03-2	HC-10															
BR03-2	HC-10	0.000007	<0.0002	<0.0005	<0.00001	0.000717	<0.0002	0.0117	<0.0001	<0.002				1.99	1.62	10.10
BR03-2	HC-10															
BR03-2	HC-10	0.000008	<0.0002	<0.0005	<0.00001	0.000716	<0.0002	0.0219	<0.0001	<0.002				2.49	2.23	5.59
BR03-2	HC-10															
BR03-2	HC-10	<0.000005	<0.0002	<0.0005	<0.00001	0.000663	<0.0002	0.0111	<0.0001	<0.002				2.43	2.19	5.07
BR03-2	HC-10															
BR03-2	HC-10	0.000013	<0.0002	<0.0005	<0.00001	0.000580	<0.0002	0.0109	<0.0001	<0.002				2.19	1.83	8.78
BR03-2	HC-10															
BR03-2	HC-10	0.000034	<0.0002	<0.0005	<0.00001	0.000795	<0.0002	0.0154	<0.0001	<0.002				3.25	2.86	6.47
BR03-2	HC-10															
BR03-2	HC-10	0.000019	<0.0002	<0.0005	<0.00001	0.000621	<0.0002	0.0117	<0.0001	<0.002				2.39	2.09	6.64
BR03-2	HC-10															
BR03-2	HC-10	0.000056	<0.0002	<0.0005	<0.00001	0.000668	<0.0002	0.0141	<0.0001	<0.002				2.98	2.54	7.94
BR03-2	HC-10															
BR03-2	HC-10	0.000070	<0.0008	<0.002	0.00008	0.001300	<0.0008	0.0309	<0.0004	<0.002				4.73	4.28	4.99
BR03-2	HC-10															
BR03-2	HC-10	0.000053	<0.0002	<0.0005	<0.00001	0.000879	<0.0002	0.0227	<0.0001	<0.002				3.81	3.67	1.85
BR03-2	HC-10															
BR03-2	HC-10	0.000111	<0.0002	<0.0005	<0.00001	0.001590	<0.0002	0.0270	<0.0001	<0.002				3.46	3.00	7.03
BR03-2	HC-10															
BR03-2	HC-10	0.000292	<0.0002	<0.0005	0.00001	0.003920	<0.0002	0.0505	<0.0001	<0.002				4.38	4.85	-5.06
BR03-2	HC-10															
BR03-2	HC-10	0.000262	<0.0002	<0.0005	0.00002	0.004350	<0.0002	0.0626	<0.0001	<0.002				5.22	5.26	-0.31
BR03-2	HC-10															
BR03-2	HC-10	0.000119	<0.0002	<0.0005	<0.00001	0.001300	<0.0002	0.0240	<0.0001	<0.002				3.20	2.82	6.27
BR03-2	HC-10															
BR03-2	HC-10	0.000040	<0.0002	<0.0005	<0.00001	0.000960	<0.0002	0.0184	<0.0001	<0.002				2.58	2.23	7.31
BR03-2	HC-10															
BR03-2	HC-10	0.000014	<0.0002	<0.0005	<0.00001	0.000685	<0.0002	0.0144	<0.0001	<0.002				2.13	1.76	9.38
BR03-2	HC-10															
BR03-2	HC-10	0.000011	<0.0002	<0.0005	<0.00001	0.000584	<0.0002	0.0207	<0.0001	<0.002				1.99	1.60	10.7
BR03-2	HC-10															
BR03-2	HC-10	0.000010	<0.0002	<0.0005	<0.00001	0.000424	<0.0002	0.0105	<0.0001	<0.002				1.50	1.30	7.29
BR03-2	HC-10															
BR03-2	HC-10	0.000011	<0.0002	<0.0005	<0.00001	0.000824	<0.0002	0.0129	<0.0001	<0.002				2.34	1.87	11.3
BR03-2	HC-10															
BR03-2	HC-10	0.000025	<0.0002	<0.0005	<0.00001	0.000891	<0.0002	0.0133	<0.0001	<0.002				2.52	2.09	9.34
BR03-2	HC-10															
BR03-2	HC-10	0.000027	<0.0002	<0.0005	<0.00001	0.000866	<0.0002	0.0139	<0.0001	<0.002				2.47	2.10	8.02
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	88	02-Sep-14	500	465	3.64	323
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	89	09-Sep-14	500	470		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	90	16-Sep-14	500	460	3.59	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	91	23-Sep-14	500	475		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	92	30-Sep-14	500	460	3.60	393
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	93	07-Oct-14	500	465		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	94	14-Oct-14	500	490	3.64	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	95	21-Oct-14	500	460		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	96	28-Oct-14	500	490	3.74	273
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	97	04-Nov-14	500	485		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	98	11-Nov-14	500	485	3.66	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	99	18-Nov-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	100	25-Nov-14	500	450	3.64	380
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	101	02-Dec-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	102	09-Dec-14	500	475	3.67	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	103	16-Dec-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	104	23-Dec-14	500	475	3.66	308
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	105	30-Dec-14	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	106	06-Jan-15	500	475	3.58	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	107	13-Jan-15	500	450		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	108	20-Jan-15	500	490	3.58	398
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	109	27-Jan-15	500	450		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	110	03-Feb-15	500	485	3.56	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	111	10-Feb-15	500	490		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	112	17-Feb-15	500	450	3.54	401
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	113	24-Feb-15	500	480		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	114	03-Mar-15	500	465	3.49	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	115	10-Mar-15	500	450		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	116	17-Mar-15	500	485	3.58	371
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	117	24-Mar-15	500	465		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	118	31-Mar-15	500	455	3.45	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	119	07-Apr-15	500	460		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	120	14-Apr-15	500	465	3.42	424
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	121	21-Apr-15	500	465		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	122	28-Apr-15	500	450	3.36	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	123	05-May-15	500	465		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	124	12-May-15	500	465	3.31	513
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	125	19-May-15	500	450		
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	126	26-May-15	500	465	3.26	
BR03-2	HC-10	Umwelt	Greywacke	10GSE127	87.62	169.50	3.81	3.80	0.01	22.20	2.28	127	02-Jun-15	500	450		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	0	25-Dec-12	750	535	8.94	316
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	1	01-Jan-13	500	475	8.47	202
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	2	08-Jan-13	500	450	8.96	185

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-2	HC-10	310	106	21.0	87.1	<0.5	0.18		<0.5					26.8	2.71	<0.00002	0.00075
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	320	132	24.6	126.3	<0.5	0.21		0.9					29.2	3.10	<0.00002	0.00056
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	295	92.9	12.1	80.5	<0.5	0.12		<0.5					21.4	1.93	<0.00002	0.00040
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	300	131	21.1	119.9	<0.5	0.18		<0.5					28.3	2.68	<0.00002	0.00052
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	300	105	17.1	96.7	<0.5	0.19		<0.5					23.4	2.75	<0.00002	0.00051
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	300	141	27.1	127.9	<0.5	0.18		<0.5					28.3	3.06	0.00003	0.00039
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	305	135	24.1	110.4	<0.5	0.20		<0.5					27.0	3.39	<0.00002	0.00078
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	300	126	22.3	106.1	<0.5	0.21		<0.5					28.2	2.72	<0.00002	0.00030
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	350	147	38.8	124.6	<0.5	0.24		<0.5					35.5	3.78	<0.00002	0.00041
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10	380	163	48.2	136.0	<0.5	0.30		<0.5					43.7	6.31	<0.00002	0.00068
BR03-2	HC-10																
BR03-2	HC-10																
BR03-2	HC-10																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15	100	15.3	<0.5	<0.5	109.2	0.54	0.091	8.4	<2	<0.5			10.3	0.0698	0.00268	0.09070
BR03-7	HC-15	95.0	9.3	<0.5	<0.5	73.7	0.31	0.013	4.9	<2	<0.5			13.0	0.247	0.00260	1.29000
BR03-7	HC-15	95.0	12.9	<0.5	<0.5	62.5	0.15	<0.01	1.4	<2	<0.5			15.5	0.238	0.00170	1.25000

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-2	HC-10	0.0142	0.00034	<0.000005	<0.05	<0.00005	0.000025	2.62	0.0006	0.0316	0.00286	0.00969	29.6	0.00993	0.0160	4.93
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0193	0.00044	<0.000005	<0.05	0.00006	0.000030	2.86	0.0010	0.0371	0.00305	0.0142	47.4	0.00730	0.0179	5.35
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0117	0.00025	<0.000005	<0.05	<0.00005	0.000026	1.94	0.0006	0.0154	0.00266	0.00804	32.0	0.00653	0.0116	4.01
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0170	0.00037	<0.000005	<0.05	0.00006	0.000022	2.55	0.0010	0.0294	0.00267	0.0127	47.4	0.00356	0.0192	5.33
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0154	0.00034	<0.000005	<0.05	<0.00005	0.000024	2.10	0.0008	0.0289	0.00686	0.0113	32.4	0.000351	0.0126	4.40
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0186	0.00039	<0.000005	<0.05	0.00006	0.000021	2.42	0.0011	0.0234	0.00439	0.0147	49.3	0.00109	0.0198	5.39
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0223	0.00042	<0.000005	<0.05	0.00006	0.000044	2.31	0.0009	0.0767	0.00969	0.0210	43.9	0.000622	0.0178	5.16
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0178	0.00029	<0.000005	<0.05	0.00006	0.000019	2.43	0.0009	0.0278	0.00402	0.0145	39.5	0.000327	0.0177	5.38
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0201	0.00036	<0.000005	<0.05	0.00006	0.000029	2.98	0.0014	0.0316	0.00721	0.0176	38.8	0.000688	0.0186	6.83
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0263	0.00055	<0.000005	<0.05	0.00008	0.000060	3.38	0.0026	0.0673	0.0177	0.0279	35.7	0.00136	0.0219	8.56
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15	0.00417	<0.00001	<0.000005	0.16	0.00147	<0.000005	2.48	0.0002	0.000157	0.00151	<0.00005	0.059	0.000033	0.0123	0.99
BR03-7	HC-15	0.00380	<0.00005	<0.00003	<0.3	0.00100	<0.00003	3.00	<0.0005	0.005370	0.00070	<0.0003	0.898	0.000040	0.0150	1.30
BR03-7	HC-15	0.00330	<0.00005	<0.00003	<0.3	0.00090	<0.00003	3.80	<0.0005	0.000110	0.00060	<0.0003	0.103	0.000090	0.0150	1.50

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-2	HC-10	0.0854	<0.00001	0.004	0.00008	0.0623	1.23	0.00518	0.00037	6.5	<0.000005	0.24	0.00575	35	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0932	<0.00001	<0.002	0.00006	0.0757	1.37	0.00612	0.00055	7.3	<0.000005	0.26	0.00693	44	<0.00002	0.000008
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0658	<0.00001	<0.002	<0.00005	0.0309	0.91	0.00400	0.00049	5.7	<0.000005	0.19	0.00453	32	<0.00002	0.000005
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0974	<0.00001	<0.002	<0.00005	0.0537	1.45	0.00674	0.00050	7.8	<0.000005	0.28	0.00710	47	<0.00002	0.000008
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0719	<0.00001	0.008	<0.00005	0.0497	1.10	0.00497	0.00036	6.0	<0.000005	0.21	0.00526	35	<0.00002	0.000003
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0945	<0.00001	0.009	<0.00005	0.0467	1.41	0.00618	0.00035	5.9	0.000013	0.29	0.00617	46	<0.00002	0.000010
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0899	<0.00001	<0.002	<0.00005	0.124	1.27	0.00581	0.00036	8.2	<0.000005	0.26	0.00636	44	<0.00002	0.000004
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.0956	<0.00001	0.006	<0.00005	0.0514	1.38	0.00651	0.00025	8.1	0.000006	0.26	0.00607	38	<0.00002	0.000007
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.121	<0.00001	0.003	<0.00005	0.0578	1.36	0.00641	0.00026	9.1	<0.000005	0.28	0.00698	42	<0.00002	0.000004
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.156	<0.00001	0.004	<0.00005	0.115	1.30	0.00710	0.00026	9.9	<0.000005	0.30	0.00730	50	<0.00002	0.000013
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15	0.00126	<0.00001	0.097	0.00297	0.00286	54.90	0.06230	0.00235	6.7	<0.000005	26.30	0.01030	<10	<0.00002	0.000012
BR03-7	HC-15	0.00880	<0.00005	0.050	0.00580	0.00970	45.70	0.04650	0.00320	5.4	<0.00003	11.50	0.01300	<50	<0.0001	<0.00001
BR03-7	HC-15	0.00170	<0.00005	0.030	0.00150	0.00070	40.50	0.04060	0.00450	4.8	<0.00003	6.60	0.01170	<50	<0.0001	<0.00001

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-2	HC-10	0.000021	<0.0002	<0.0005	<0.00001	0.000746	<0.0002	0.0130	<0.0001	<0.002				2.22	1.94	6.58
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000037	<0.0002	<0.0005	<0.00001	0.000979	<0.0002	0.0163	<0.0001	<0.002				2.78	2.68	1.89
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000013	<0.0002	<0.0005	<0.00001	0.000501	<0.0002	0.0117	<0.0001	<0.002				1.94	1.82	3.19
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000019	<0.0002	<0.0005	<0.00001	0.000645	<0.0002	0.0173	<0.0001	<0.002				2.75	2.62	2.42
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000017	<0.0002	<0.0005	<0.00001	0.000981	<0.0002	0.0134	<0.0001	<0.002				2.20	1.98	5.34
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000029	<0.0002	<0.0005	<0.00001	0.000695	<0.0002	0.0175	<0.0001	<0.002				2.95	2.73	4.02
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000021	<0.0002	<0.0005	<0.00001	0.00110	<0.0002	0.0173	<0.0001	<0.002				2.83	2.54	5.37
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000012	<0.0002	<0.0005	<0.00001	0.000768	<0.0002	0.0145	<0.0001	<0.002				2.64	2.33	6.23
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000039	<0.0002	<0.0005	<0.00001	0.000919	<0.0002	0.0201	<0.0001	<0.002				3.07	2.57	8.78
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10	0.000094	<0.0002	<0.0005	<0.00001	0.00165	0.0002	0.0262	<0.0001	<0.002				3.42	2.91	8.09
BR03-2	HC-10															
BR03-2	HC-10															
BR03-2	HC-10															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15	<0.000005	0.0006	0.0022	0.00901	0.000083	0.0294	0.0010	<0.0001	0.003				2.77	2.76	0.16
BR03-7	HC-15	<0.00003	0.0005	0.0060	0.00436	0.000430	0.0560	0.0006	<0.0005	<0.002				1.82	1.99	-4.41
BR03-7	HC-15	<0.00003	0.0003	<0.003	0.00216	0.001040	0.0480	<0.0005	<0.0005	<0.002				1.57	1.66	-3.03

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	3	15-Jan-13	500	480	8.74	139
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	4	22-Jan-13	500	480	7.98	72.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	5	29-Jan-13	500	480	8.14	133
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	6	05-Feb-13	500	475	8.28	85.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	7	12-Feb-13	500	485	8.11	85.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	8	19-Feb-13	500	470	8.19	119
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	9	26-Feb-13	500	490	7.90	72.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	10	05-Mar-13	500	465	8.05	104
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	11	12-Mar-13	500	480	7.78	63.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	12	19-Mar-13	500	465	8.01	101
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	13	26-Mar-13	500	475	7.90	85.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	14	02-Apr-13	500	445	7.85	62.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	15	09-Apr-13	500	465	8.02	86.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	16	16-Apr-13	500	495	8.01	77.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	17	23-Apr-13	500	470	7.91	93.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	18	30-Apr-13	500	495	7.79	93.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	19	07-May-13	500	485	7.78	66.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	20	14-May-13	500	475	8.05	94.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	21	21-May-13	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	22	28-May-13	500	495	7.91	88.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	23	04-Jun-13	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	24	11-Jun-13	500	495	7.88	77.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	25	18-Jun-13	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	26	25-Jun-13	500	490	7.82	76.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	27	02-Jul-13	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	28	09-Jul-13	500	485	7.94	84.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	29	16-Jul-13	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	30	23-Jul-13	500	495	7.84	76.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	31	30-Jul-13	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	32	06-Aug-13	500	475	7.61	48.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	33	13-Aug-13	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	34	20-Aug-13	500	470	7.79	48.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	35	27-Aug-13	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	36	03-Sep-13	500	495	7.78	78.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	37	10-Sep-13	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	38	17-Sep-13	500	465	7.52	70.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	39	24-Sep-13	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	40	01-Oct-13	500	475	7.74	75.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	41	08-Oct-13	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	42	15-Oct-13	500	460	7.56	65.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	43	22-Oct-13	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	44	29-Oct-13	500	480	7.58	74.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	45	05-Nov-13	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	46	12-Nov-13	500	480	7.45	57.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	47	19-Nov-13	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	48	26-Nov-13	500	465	7.60	71.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	49	03-Dec-13	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	50	10-Dec-13	500	490	7.54	71.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	51	17-Dec-13	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	52	24-Dec-13	500	480	7.71	60.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	53	31-Dec-13	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15	110	11.0	<0.5	<0.5	47.1	0.10	<0.01	0.8	<2	<0.5			18.0	0.246	0.00086	0.86400
BR03-7	HC-15	140	8.1	<0.5	0.7	52.2	0.12	<0.01	0.9	<0.02	<0.005			35.8	0.246	0.00160	0.74600
BR03-7	HC-15	120	8.0	<0.5	<0.5	50.6	0.08	<0.01	0.6					23.0	0.283	0.00070	0.87200
BR03-7	HC-15	125	6.5	<0.5	<0.5	33.9	<0.05	<0.01	0.5					19.2	0.313	0.00039	0.48100
BR03-7	HC-15	130	7.0	<0.5	<0.5	33.9	<0.05	<0.01	<0.5					20.2	0.305	0.00039	0.46600
BR03-7	HC-15	105	7.5	<0.5	<0.5	46.8	0.06	<0.01	0.8					27.3	0.249	0.00044	0.86700
BR03-7	HC-15	110	5.7	<0.5	<0.5	29.1	<0.05	<0.01	0.8					20.2	0.306	0.00025	0.35300
BR03-7	HC-15	125	7.4	<0.5	<0.5	39.9	<0.05	<0.01	0.5					25.7	0.285	0.00028	0.51200
BR03-7	HC-15	125	6.2	<0.5	<0.5	24.3	<0.05	<0.01	0.8					17.6	0.250	0.00016	0.22400
BR03-7	HC-15	130	8.7	<0.5	<0.5	41.1	<0.05	<0.01	<0.5					29.0	0.212	0.00026	0.52900
BR03-7	HC-15	120	6.6	<0.5	0.5	35.0	<0.05	<0.01	0.6					25.9	0.276	0.00021	0.46200
BR03-7	HC-15	130	5.2	<0.5	1.2	23.5	<0.05	<0.01	<0.5					18.5	0.278	0.00012	0.21400
BR03-7	HC-15	130	6.7	<0.5	<0.5	33.7	<0.05	<0.01	0.7					26.3	0.254	0.00017	0.34200
BR03-7	HC-15	130	5.6	<0.5	<0.5	31.5	<0.05	<0.01	0.8					23.0	0.277	0.00014	0.34500
BR03-7	HC-15	130	7.0	<0.5	<0.5	38.0	<0.05	<0.01	<0.5					29.6	0.241	0.00016	0.40600
BR03-7	HC-15	120	5.5	<0.5	<0.5	23.6	<0.05	<0.01	<0.5					19.2	0.098	0.00010	0.21600
BR03-7	HC-15	120	6.3	<0.5	0.9	25.4	<0.05	<0.01	0.5					19.8	0.337	0.00010	0.21800
BR03-7	HC-15	110	6.9	<0.5	<0.5	37.7	<0.05	<0.01	<0.5					27.7	0.270	0.00013	0.46200
BR03-7	HC-15																
BR03-7	HC-15	130	8.7	<0.5	<0.5	31.6	<0.05	<0.01	<0.5					26.6	0.250	0.00010	0.32000
BR03-7	HC-15																
BR03-7	HC-15	115	8.4	<0.5	<0.5	26.7	<0.05	<0.01	<0.5					24.2	0.289	0.00008	0.23400
BR03-7	HC-15																
BR03-7	HC-15	135	9.3	<0.5	<0.5	24.8	<0.05	<0.01	0.7					22.6	0.255	0.00007	0.15400
BR03-7	HC-15																
BR03-7	HC-15	140	9.2	<0.5	<0.5	28.3	<0.05	<0.01	<0.5					23.4	0.219	0.00008	0.22400
BR03-7	HC-15																
BR03-7	HC-15	135	7.6	<0.5	<0.5	25.8	<0.05	<0.01	<0.5					20.4	0.309	0.00006	0.19700
BR03-7	HC-15																
BR03-7	HC-15	125	8.5	<0.5	1.7	12.2	<0.05	<0.01	<0.5					14.2	0.166	0.00004	0.09190
BR03-7	HC-15																
BR03-7	HC-15	120	7.3	<0.5	<0.5	14.3	<0.05	<0.01	<0.5					14.1	0.180	0.00004	0.05710
BR03-7	HC-15																
BR03-7	HC-15	130	8.9	<0.5	<0.5	28.8	<0.05	<0.01	<0.5					24.4	0.235	0.00006	0.17000
BR03-7	HC-15																
BR03-7	HC-15	135	10.9	<0.5	<0.5	23.6	<0.05	<0.01	<0.5					22.8	0.236	0.00004	0.14300
BR03-7	HC-15																
BR03-7	HC-15	130	11.0	<0.5	<0.5	25.0	<0.05	<0.01	<0.5					24.1	0.248	0.00005	0.15500
BR03-7	HC-15																
BR03-7	HC-15	130	11.9	<0.5	<0.5	16.6	<0.05	<0.01	0.6					25.0	0.191	0.00004	0.09980
BR03-7	HC-15																
BR03-7	HC-15	125	12.5	<0.5	<0.5	22.7	<0.05	<0.01	<0.5					26.8	0.279	0.00004	0.14200
BR03-7	HC-15																
BR03-7	HC-15	140	9.6	<0.5	<0.5	15.3	<0.05	<0.01	<0.5					17.8	0.174	0.00003	0.06900
BR03-7	HC-15																
BR03-7	HC-15	140	10.7	<0.5	<0.5	22.1	<0.05	<0.01	<0.5					23.1	0.211	0.00004	0.10400
BR03-7	HC-15																
BR03-7	HC-15	155	11.7	<0.5	<0.5	21.1	<0.05	<0.01	<0.5					23.1	0.223	0.00003	0.11700
BR03-7	HC-15																
BR03-7	HC-15	140	11.6	<0.5	<0.5	12.7	<0.05	<0.01	<0.5					18.8	0.116	0.00002	0.07300
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15	0.00289	<0.00001	<0.000005	0.06	0.00057	<0.000005	4.62	0.0003	0.000108	0.00022	<0.00005	0.041	0.000018	0.0140	1.56
BR03-7	HC-15	0.00180	<0.00001	<0.000005	<0.05	0.00015	<0.000005	10.5	0.0006	0.000138	0.00011	<0.00005	0.002	0.000019	0.0030	2.33
BR03-7	HC-15	0.00390	<0.00005	<0.00003	<0.3	0.00050	<0.00003	6.10	<0.0005	0.000220	<0.0003	<0.0003	0.096	<0.00003	0.0140	1.90
BR03-7	HC-15	0.00335	<0.00001	<0.000005	<0.05	0.00028	<0.000005	5.30	0.0002	0.000201	0.00023	<0.00005	0.060	0.000019	0.0097	1.45
BR03-7	HC-15	0.00329	<0.00001	<0.000005	<0.05	0.00026	<0.000005	5.64	<0.0001	0.000204	0.00023	<0.00005	0.051	0.000032	0.0100	1.48
BR03-7	HC-15	0.00420	<0.00001	<0.000005	<0.05	0.00044	<0.000005	7.29	0.0003	0.000343	0.00027	<0.00005	0.096	0.000069	0.0151	2.22
BR03-7	HC-15	0.00321	<0.00001	<0.000005	<0.05	0.00025	<0.000005	5.67	0.0002	0.000235	0.00021	<0.00005	0.056	0.000020	0.0093	1.46
BR03-7	HC-15	0.00412	<0.00001	<0.000005	<0.05	0.00030	<0.000005	7.06	0.0002	0.000294	0.00046	<0.00005	0.058	0.000026	0.0133	1.97
BR03-7	HC-15	0.00312	<0.00001	<0.000005	<0.05	0.00022	<0.000005	4.89	0.0002	0.000283	0.00036	<0.00005	0.052	0.000023	0.0083	1.32
BR03-7	HC-15	0.00383	<0.00001	<0.000005	<0.05	0.00028	<0.000005	7.96	0.0002	0.000285	0.00035	<0.00005	0.028	0.000022	0.0142	2.21
BR03-7	HC-15	0.00663	<0.00001	<0.000005	<0.05	0.00025	<0.000005	7.35	0.0002	0.000293	0.00030	<0.00005	0.057	0.000035	0.0116	1.84
BR03-7	HC-15	0.00307	<0.00001	<0.000005	<0.05	0.00018	<0.000005	5.34	0.0002	0.000241	0.00028	<0.00005	0.048	0.000121	0.0074	1.24
BR03-7	HC-15	0.00422	<0.00001	<0.000005	<0.05	0.00027	<0.000005	7.71	0.0001	0.000287	0.00028	<0.00005	0.064	0.000024	0.0105	1.70
BR03-7	HC-15	0.00373	<0.00001	<0.000005	<0.05	0.00026	<0.000005	6.70	0.0001	0.000247	0.00029	<0.00005	0.058	0.000025	0.0095	1.53
BR03-7	HC-15	0.00521	<0.00001	<0.000005	<0.05	0.00025	<0.000005	8.55	<0.0001	0.000289	0.00016	<0.00005	0.024	0.000029	0.0115	1.99
BR03-7	HC-15	0.00388	<0.00001	<0.000005	<0.05	0.00022	<0.000005	5.65	0.0002	0.000352	0.00045	<0.00005	0.135	<0.000005	0.0072	1.23
BR03-7	HC-15	0.00287	<0.00001	<0.000005	<0.05	0.00018	<0.000005	5.71	0.0002	0.000234	0.00024	<0.00005	0.047	0.000034	0.0083	1.35
BR03-7	HC-15	0.00383	<0.00001	<0.000005	<0.05	0.00029	<0.000005	7.76	0.0001	0.000344	0.00040	<0.00005	0.062	0.000058	0.0117	2.02
BR03-7	HC-15															
BR03-7	HC-15	0.00298	<0.00001	<0.000005	<0.05	0.00025	<0.000005	7.93	0.0001	0.000220	0.00024	<0.00005	0.020	0.000021	0.0098	1.65
BR03-7	HC-15															
BR03-7	HC-15	0.00286	<0.00001	<0.000005	<0.05	0.00024	<0.000005	7.31	<0.0001	0.000204	0.00021	<0.00005	0.017	0.000010	0.0086	1.44
BR03-7	HC-15															
BR03-7	HC-15	0.00354	<0.00001	<0.000005	<0.05	0.00026	<0.000005	6.97	0.0003	0.000223	0.00027	<0.00005	0.034	0.000016	0.0080	1.26
BR03-7	HC-15															
BR03-7	HC-15	0.00302	<0.00001	<0.000005	<0.05	0.00025	<0.000005	7.18	0.0001	0.000177	0.00032	<0.00005	0.021	0.000006	0.0090	1.33
BR03-7	HC-15															
BR03-7	HC-15	0.00260	<0.00001	<0.000005	<0.05	0.00023	<0.000005	6.31	0.0002	0.000134	0.00033	<0.00005	0.028	0.000016	0.0074	1.13
BR03-7	HC-15															
BR03-7	HC-15	0.00232	<0.00001	<0.000005	<0.05	0.00017	<0.000005	4.48	<0.0001	0.000133	0.00011	<0.00005	0.023	0.000013	0.0047	0.73
BR03-7	HC-15															
BR03-7	HC-15	0.00290	<0.00001	<0.000005	<0.05	0.00018	<0.000005	4.42	<0.0001	0.000168	0.00023	<0.00005	0.053	0.000026	0.0044	0.74
BR03-7	HC-15															
BR03-7	HC-15	0.00359	<0.00001	<0.000005	<0.05	0.00026	<0.000005	7.84	<0.0001	0.000153	0.00024	<0.00005	0.026	0.000016	0.0076	1.17
BR03-7	HC-15															
BR03-7	HC-15	0.00313	<0.00001	<0.000005	<0.05	0.00023	<0.000005	7.45	<0.0001	0.000140	0.00095	<0.00005	0.025	0.000012	0.0069	1.02
BR03-7	HC-15															
BR03-7	HC-15	0.00319	<0.00001	<0.000005	<0.05	0.00025	<0.000005	7.84	<0.0001	0.000137	0.00034	<0.00005	0.027	0.000022	0.0068	1.09
BR03-7	HC-15															
BR03-7	HC-15	0.00341	<0.00001	<0.000005	<0.05	0.00021	<0.000005	8.31	<0.0001	0.000135	0.00024	<0.00005	0.024	0.000014	0.0059	1.02
BR03-7	HC-15															
BR03-7	HC-15	0.00312	<0.00001	<0.000005	<0.05	0.00026	<0.000005	9.05	<0.0001	0.000120	0.00021	<0.00005	0.018	0.000011	0.0069	1.02
BR03-7	HC-15															
BR03-7	HC-15	0.00308	<0.00001	<0.000005	<0.05	0.00020	<0.000005	5.95	0.0001	0.000188	0.00033	<0.00005	0.060	0.000043	0.0036	0.71
BR03-7	HC-15															
BR03-7	HC-15	0.00263	<0.00001	<0.000005	<0.05	0.00022	0.000206	7.75	<0.0001	0.000118	0.00027	<0.00005	0.012	0.000273	0.0058	0.92
BR03-7	HC-15															
BR03-7	HC-15	0.00287	<0.00001	<0.000005	<0.05	0.00023	<0.000005	7.68	<0.0001	0.000108	0.00020	<0.00005	0.011	0.000036	0.0060	0.95
BR03-7	HC-15															
BR03-7	HC-15	0.00281	<0.00001	<0.000005	<0.05	0.00020	0.000007	6.28	<0.0001	0.000069	0.00010	<0.00005	0.007	0.000016	0.0045	0.75
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15	0.00161	<0.00001	0.016	0.00061	0.00030	28.30	0.03170	0.00239	3.9	<0.000005	3.37	0.01210	<10	<0.00002	0.000006
BR03-7	HC-15	0.01350	<0.00001	0.011	0.00296	0.00035	17.70	0.02920	0.00104	2.6	<0.000005	1.39	0.02600	<10	<0.00002	0.000007
BR03-7	HC-15	0.00260	<0.00005	0.020	0.00030	0.00040	25.00	0.02860	0.00210	4.1	<0.00003	2.30	0.01450	<50	<0.0001	<0.00001
BR03-7	HC-15	0.00267	0.00002	0.009	0.00018	0.00023	13.60	0.01660	0.00094	2.3	<0.000005	1.15	0.01060	<10	<0.00002	0.000008
BR03-7	HC-15	0.00272	<0.00001	0.008	0.00022	0.00022	13.60	0.01660	0.00126	2.4	<0.000005	1.04	0.01120	<10	<0.00002	0.000006
BR03-7	HC-15	0.00280	<0.00001	0.015	0.00023	0.00040	19.90	0.02450	0.00210	4.3	<0.000005	1.69	0.01510	<10	<0.00002	0.000012
BR03-7	HC-15	0.00282	0.00003	0.015	0.00020	0.00020	10.90	0.01410	0.00108	2.3	<0.000005	0.75	0.01070	<10	<0.00002	0.000007
BR03-7	HC-15	0.00377	<0.00001	0.002	0.00018	0.00025	13.90	0.01720	0.00126	2.8	<0.000005	0.99	0.01440	<10	<0.00002	0.000010
BR03-7	HC-15	0.00330	<0.00001	0.008	0.00014	0.00029	8.39	0.01120	0.00042	1.8	<0.000005	0.54	0.00931	<10	<0.00002	0.000006
BR03-7	HC-15	0.00384	<0.00001	0.006	0.00019	0.00024	14.00	0.01780	0.00120	3.1	<0.000005	1.01	0.01500	<10	<0.00002	0.000008
BR03-7	HC-15	0.00346	<0.00001	0.002	0.00014	0.00022	11.50	0.01520	0.00096	2.9	<0.000005	0.69	0.01360	<10	<0.00002	0.000011
BR03-7	HC-15	0.00302	<0.00001	0.004	0.00016	0.00019	7.45	0.01090	0.00060	1.8	<0.000005	0.40	0.00922	<10	<0.00002	0.000006
BR03-7	HC-15	0.00358	0.00002	0.003	0.00017	0.00020	10.60	0.01500	0.00085	2.6	<0.000005	0.60	0.01310	<10	<0.00002	0.000008
BR03-7	HC-15	0.00340	<0.00001	0.003	0.00012	0.00016	9.75	0.01370	0.00081	2.5	<0.000005	0.53	0.01140	<10	<0.00002	0.000006
BR03-7	HC-15	0.00280	<0.00001	0.004	0.00017	0.00028	11.00	0.01500	0.00107	3.3	<0.000005	0.65	0.01440	<10	<0.00002	0.000007
BR03-7	HC-15	0.00411	<0.00001	0.005	0.00013	0.00045	7.20	0.01080	0.00060	2.0	<0.000005	0.36	0.00932	<10	<0.00002	0.000007
BR03-7	HC-15	0.00295	<0.00001	<0.002	0.00015	0.00021	7.42	0.01040	0.00059	1.9	<0.000005	0.40	0.01020	<10	<0.00002	0.000007
BR03-7	HC-15	0.00396	<0.00001	0.011	0.00016	0.00051	11.20	0.01540	0.00107	3.0	<0.000005	0.63	0.01490	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15	0.00297	0.00006	0.006	0.00017	0.00014	9.82	0.01410	0.00089	2.6	<0.000005	0.45	0.01310	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15	0.00235	<0.00001	0.004	0.00016	0.00020	9.04	0.01330	0.00059	2.4	<0.000005	0.39	0.01180	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15	0.00299	<0.00001	0.021	0.00014	0.00023	7.57	0.01260	0.00042	2.1	<0.000005	0.36	0.01080	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15	0.00230	<0.00001	0.007	0.00017	0.00019	7.70	0.01140	0.00058	2.3	<0.000005	0.39	0.01130	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15	0.00174	<0.00001	0.006	0.00013	0.00051	7.26	0.01070	0.00047	2.2	<0.000005	0.30	0.00949	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15	0.00229	<0.00001	0.009	0.00009	0.00017	4.65	0.00778	0.00025	1.3	<0.000005	0.19	0.00598	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15	0.00315	0.00002	0.003	0.00011	0.00017	4.26	0.00818	0.00022	1.3	<0.000005	0.20	0.00618	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15	0.00253	<0.00001	0.006	0.00013	0.00014	7.54	0.01180	0.00050	2.1	<0.000005	0.35	0.01110	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15	0.00250	<0.00001	0.010	0.00012	0.00012	6.56	0.01060	0.00035	2.1	<0.000005	0.32	0.00955	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15	0.00216	<0.00001	0.003	0.00018	0.00032	7.23	0.01090	0.00042	2.2	<0.000005	0.29	0.01030	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15	0.00250	<0.00001	<0.002	0.00010	0.00022	6.45	0.00998	0.00028	2.3	<0.000005	0.28	0.00910	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15	0.00175	<0.00001	0.003	0.00013	0.00014	5.82	0.01170	0.00042	2.5	<0.000005	0.28	0.01100	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00297	<0.00001	0.012	0.00012	0.00044	4.45	0.00862	0.00026	1.7	<0.000005	0.20	0.00748	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00290	<0.00001	0.011	0.00012	0.00059	6.18	0.01050	0.00025	2.3	<0.000005	0.27	0.00879	<10	<0.00002	0.000013
BR03-7	HC-15															
BR03-7	HC-15	0.00183	<0.00001	0.011	0.00011	0.00008	6.19	0.01090	0.00031	2.4	<0.000005	0.26	0.00932	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00170	<0.00001	0.023	0.00009	0.00026	4.68	0.00862	0.00020	1.7	<0.000005	0.22	0.00757	<10	<0.00002	0.000007
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15	<0.000005	0.0002	0.0023	0.00097	0.001360	0.0279	0.0003	<0.0001	<0.002				1.20	1.26	-2.52
BR03-7	HC-15	<0.000005	0.0002	<0.0005	0.00053	0.002890	0.0128	0.0003	<0.0001	0.003				1.25	1.26	-0.40
BR03-7	HC-15	<0.00003	0.0001	0.0040	0.00055	0.002310	0.0240	<0.0005	0.0021	<0.002				1.20	1.23	-1.40
BR03-7	HC-15	<0.000005	0.0002	0.0020	0.00038	0.001740	0.0105	0.0006	<0.0001	<0.002				0.83	0.82	0.55
BR03-7	HC-15	<0.000005	0.0001	0.0019	0.00045	0.001960	0.0103	0.0002	<0.0001	<0.002				0.82	0.83	-0.42
BR03-7	HC-15	<0.000005	0.0002	0.0039	0.00035	0.003230	0.0216	0.0006	<0.0001	<0.002				1.12	1.16	-1.89
BR03-7	HC-15	<0.000005	0.0001	0.0020	0.00017	0.001820	0.0085	0.0002	<0.0001	<0.002				0.72	0.75	-1.83
BR03-7	HC-15	<0.000005	0.0002	0.0029	0.00022	0.002630	0.0123	0.0002	<0.0001	<0.002				0.97	0.95	1.04
BR03-7	HC-15	<0.000005	0.0002	0.0022	0.00014	0.001530	0.0061	0.0003	<0.0001	<0.002				0.64	0.62	1.43
BR03-7	HC-15	<0.000005	0.0002	0.0007	0.00022	0.002670	0.0113	0.0007	<0.0001	0.004				1.00	1.01	-0.15
BR03-7	HC-15	0.000009	0.0002	0.0027	0.00019	0.002350	0.0112	0.0002	<0.0001	<0.002				0.85	0.88	-1.21
BR03-7	HC-15	<0.000005	0.0001	0.0019	0.00015	0.001370	0.0054	<0.0001	<0.0001	<0.002				0.58	0.61	-2.61
BR03-7	HC-15	<0.000005	0.0005	0.0023	0.00018	0.002010	0.0086	0.0002	<0.0001	<0.002				0.83	0.85	-1.30
BR03-7	HC-15	<0.000005	0.0002	0.0028	0.00016	0.001660	0.0089	0.0003	<0.0001	<0.002				0.77	0.77	0.26
BR03-7	HC-15	<0.000005	0.0002	0.0011	0.00015	0.002180	0.0099	0.0006	0.0001	<0.002				0.91	0.93	-1.20
BR03-7	HC-15	<0.000005	0.0005	0.0063	0.00021	0.001280	0.0063	<0.0001	0.0001	<0.002				0.59	0.60	-1.01
BR03-7	HC-15	<0.000005	0.0002	0.0023	0.00016	0.001440	0.0065	0.0004	<0.0001	<0.002				0.65	0.64	0.93
BR03-7	HC-15	<0.000005	0.0002	0.0029	0.00019	0.001870	0.0119	0.0005	0.0002	<0.002				0.90	0.90	-0.06
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00015	0.001610	0.0088	<0.0001	<0.0001	<0.002				0.81	0.83	-1.03
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0006	0.00017	0.001240	0.0068	0.0002	<0.0001	<0.002				0.71	0.76	-3.66
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	0.0003	0.0016	0.00019	0.000900	0.0047	0.0003	<0.0001	<0.002				0.71	0.69	1.36
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	0.0003	0.0008	0.00018	0.001030	0.0064	0.0005	<0.0001	<0.002				0.76	0.71	3.42
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	0.0004	0.0012	0.00018	0.000692	0.0067	0.0001	<0.0001	<0.002				0.68	0.64	2.51
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0011	0.00013	0.000287	0.0033	0.0003	<0.0001	<0.002				0.42	0.43	-1.18
BR03-7	HC-15															
BR03-7	HC-15	0.000023	<0.0002	0.0024	0.00012	0.000295	0.0025	0.0003	<0.0001	<0.002				0.44	0.42	2.09
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	0.0004	0.0016	0.00017	0.000591	0.0059	0.0002	<0.0001	<0.002				0.76	0.72	2.63
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00016	0.000519	0.0047	0.0007	<0.0001	<0.002				0.70	0.66	2.50
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0012	0.00018	0.000477	0.0051	<0.0001	<0.0001	<0.002				0.73	0.71	1.53
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0014	0.00018	0.000344	0.0036	0.0001	<0.0001	<0.002				0.60	0.70	-7.88
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0010	0.00018	0.000411	0.0050	0.0002	<0.0001	<0.002				0.71	0.73	-1.04
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0027	0.00017	0.000241	0.0031	0.0007	<0.0001	<0.002				0.51	0.50	0.70
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0009	0.00018	0.000290	0.0038	0.0166	<0.0001	<0.002				0.67	0.66	0.68
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0009	0.00020	0.000300	0.0041	0.0003	<0.0001	<0.002				0.67	0.66	0.68
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00016	0.000168	0.0027	0.0001	<0.0001	<0.002				0.50	0.52	-2.07
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	54	07-Jan-14	500	450	7.58	67.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	55	14-Jan-14	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	56	21-Jan-14	500	485	7.56	66.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	57	28-Jan-14	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	58	04-Feb-14	500	450	7.54	68.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	59	11-Feb-14	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	60	18-Feb-14	500	450	7.68	82.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	61	25-Feb-14	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	62	04-Mar-14	500	480	7.67	71.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	63	11-Mar-14	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	64	18-Mar-14	500	470	7.72	69.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	65	25-Mar-14	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	66	01-Apr-14	500	475	7.69	72.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	67	08-Apr-14	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	68	15-Apr-14	500	465	7.54	71.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	69	22-Apr-14	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	70	29-Apr-14	500	460	7.55	62.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	71	06-May-14	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	72	13-May-14	500	485	7.53	56.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	73	20-May-14	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	74	27-May-14	500	495	7.39	47.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	75	03-Jun-14	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	76	10-Jun-14	500	490	7.44	45.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	77	17-Jun-14	500	500		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	78	24-Jun-14	500	495	7.39	45.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	79	01-Jul-14	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	80	08-Jul-14	500	470	7.28	40.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	81	15-Jul-14	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	82	22-Jul-14	500	480	7.51	59.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	83	29-Jul-14	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	84	05-Aug-14	500	470	7.30	51.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	85	12-Aug-14	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	86	19-Aug-14	500	470	7.24	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	87	26-Aug-14	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	88	02-Sep-14	500	470	7.39	45.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	89	09-Sep-14	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	90	16-Sep-14	500	485	7.38	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	91	23-Sep-14	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	92	30-Sep-14	500	470	7.47	52.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	93	07-Oct-14	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	94	14-Oct-14	500	480	7.38	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	95	21-Oct-14	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	96	28-Oct-14	500	490	7.31	46.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	97	04-Nov-14	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	98	11-Nov-14	500	480	7.25	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	99	18-Nov-14	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	100	25-Nov-14	500	485	7.48	54.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	101	02-Dec-14	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	102	09-Dec-14	500	465	7.41	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	103	16-Dec-14	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	104	23-Dec-14	500	480	7.52	52.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15	135	13.5	<0.5	<0.5	17.0	<0.05	<0.01	<0.5					20.8	0.249	0.00003	0.08950
BR03-7	HC-15																
BR03-7	HC-15	130	10.9	<0.5	<0.5	17.2	<0.05	<0.01	<0.5					22.1	0.281	0.00003	0.09620
BR03-7	HC-15																
BR03-7	HC-15	140	13.2	<0.5	<0.5	14.7	<0.05	<0.01	<0.5					21.5	0.203	0.00003	0.06440
BR03-7	HC-15																
BR03-7	HC-15	130	14.5	<0.5	<0.5	22.6	<0.05	<0.01	<0.5					25.7	0.367	0.00002	0.09420
BR03-7	HC-15																
BR03-7	HC-15	140	11.6	<0.5	<0.5	17.1	<0.05	<0.01	<0.5					22.4	0.274	0.00003	0.08540
BR03-7	HC-15																
BR03-7	HC-15	140	12.1	<0.5	<0.5	16.0	<0.05	<0.01	<0.5					21.3	0.291	0.00003	0.07590
BR03-7	HC-15																
BR03-7	HC-15	130	12.8	<0.5	<0.5	13.9	<0.05	<0.01	0.6					21.0	0.253	<0.00002	0.06330
BR03-7	HC-15																
BR03-7	HC-15	130	14.8	<0.5	0.9	13.3	<0.05	<0.01	<0.5					22.8	0.198	0.00002	0.05070
BR03-7	HC-15																
BR03-7	HC-15	135	12.2	<0.5	<0.5	12.1	<0.05	<0.01	<0.5					19.7	0.166	0.00002	0.05310
BR03-7	HC-15																
BR03-7	HC-15	120	10.9	<0.5	<0.5	11.4	<0.05	<0.01	<0.5					17.5	0.154	<0.00002	0.03940
BR03-7	HC-15																
BR03-7	HC-15	130	8.0	<0.5	<0.5	9.8	<0.05	<0.01	<0.5					16.6	0.118	0.00003	0.03270
BR03-7	HC-15																
BR03-7	HC-15	130	8.1	<0.5	<0.5	9.6	<0.05	<0.01	<0.5					14.1	0.117	0.00002	0.03230
BR03-7	HC-15																
BR03-7	HC-15	130	9.4	<0.5	0.6	9.5	<0.05	<0.01	<0.5					14.3	0.121	0.00003	0.0312
BR03-7	HC-15																
BR03-7	HC-15	145	9.4	<0.5	<0.5	6.7	<0.05	<0.01	<0.5					13.0	0.0776	<0.00002	0.0198
BR03-7	HC-15																
BR03-7	HC-15	130	11.5	<0.5	<0.5	12.7	<0.05	<0.01	<0.5					20.1	0.168	0.00002	0.0513
BR03-7	HC-15																
BR03-7	HC-15	130	10.9	<0.5	<0.5	9.3			<0.5					16.8	0.0934	0.00002	0.0283
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	135	9.7	<0.5	<0.5	7.4			<0.5					13.9	0.0796	<0.00002	0.0204
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	140	10.5	<0.5	<0.5	10.2			0.6					17.7	0.100	<0.00002	0.0345
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	135	9.7	<0.5	<0.5	8.5			<0.5					14.3	0.0668	0.00002	0.0228
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	145	11.8	<0.5	<0.5	10.6			<0.5					17.2	0.143	0.00002	0.0496
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	145	10.2	<0.5	<0.5	11.6			<0.5					16.9	0.195	0.00002	0.0639

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15	0.00265	<0.00001	<0.000005	<0.05	0.00020	<0.000005	7.00	<0.0001	0.000080	0.00020	<0.00005	0.011	0.000013	0.0058	0.81
BR03-7	HC-15															
BR03-7	HC-15	0.00254	<0.00001	<0.000005	<0.05	0.00021	<0.000005	7.56	<0.0001	0.000099	0.00024	<0.00005	0.017	0.000010	0.0048	0.79
BR03-7	HC-15															
BR03-7	HC-15	0.00249	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.29	<0.0001	0.000105	0.00018	<0.00005	0.010	0.000008	0.0047	0.81
BR03-7	HC-15															
BR03-7	HC-15	0.00275	<0.00001	<0.000005	<0.05	0.00023	<0.000005	8.80	<0.0001	0.000082	0.00030	<0.00005	0.012	0.000007	0.0067	0.91
BR03-7	HC-15															
BR03-7	HC-15	0.00235	<0.00001	<0.000005	<0.05	0.00019	<0.000005	7.80	<0.0001	0.000091	0.00013	<0.00005	0.012	0.000008	0.0051	0.71
BR03-7	HC-15															
BR03-7	HC-15	0.00226	<0.00001	<0.000005	<0.05	0.00019	0.000005	7.39	<0.0001	0.000094	0.00031	<0.00005	0.015	0.000018	0.0047	0.69
BR03-7	HC-15															
BR03-7	HC-15	0.00231	<0.00001	<0.000005	<0.05	0.00021	<0.000005	7.22	<0.0001	0.000094	0.00014	<0.00005	0.009	0.000006	0.0046	0.72
BR03-7	HC-15															
BR03-7	HC-15	0.00257	<0.00001	<0.000005	<0.05	0.00020	<0.000005	7.85	<0.0001	0.000122	0.00013	<0.00005	0.007	<0.000005	0.0049	0.77
BR03-7	HC-15															
BR03-7	HC-15	0.00223	<0.00001	<0.000005	<0.05	0.00019	<0.000005	6.80	<0.0001	0.000101	0.00031	<0.00005	0.007	0.000005	0.0045	0.65
BR03-7	HC-15															
BR03-7	HC-15	0.00219	<0.00001	<0.000005	<0.05	0.00017	<0.000005	5.94	<0.0001	0.000096	0.00067	<0.00005	0.005	0.000010	0.0039	0.66
BR03-7	HC-15															
BR03-7	HC-15	0.00196	<0.00001	<0.000005	<0.05	0.00016	<0.000005	5.66	<0.0001	0.000094	0.00015	<0.00005	0.005	0.000021	0.0037	0.59
BR03-7	HC-15															
BR03-7	HC-15	0.00182	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.75	<0.0001	0.000082	0.00017	<0.00005	0.004	0.000069	0.0032	0.55
BR03-7	HC-15															
BR03-7	HC-15	0.00249	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.72	<0.0001	0.000084	0.00017	<0.00005	0.006	<0.000005	0.0033	0.60
BR03-7	HC-15															
BR03-7	HC-15	0.00191	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.37	<0.0001	0.000093	0.00047	<0.00005	0.004	0.000023	0.0029	0.50
BR03-7	HC-15															
BR03-7	HC-15	0.00244	<0.00001	<0.000005	<0.05	0.00018	<0.000005	6.87	<0.0001	0.000101	0.00009	<0.00005	0.006	0.000027	0.0039	0.72
BR03-7	HC-15															
BR03-7	HC-15	0.00260	<0.00001	0.000014	<0.05	0.00016	<0.000005	5.67	<0.0001	0.000123	0.00016	<0.00005	0.034	0.000029	0.0033	0.64
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00204	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.60	<0.0001	0.000090	0.00025	<0.00005	0.015	0.000157	0.0032	0.59
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00232	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.87	<0.0001	0.000100	0.00023	<0.00005	0.004	0.000033	0.0035	0.73
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00204	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.58	<0.0001	0.000106	0.00014	<0.00005	0.007	0.000058	0.0031	0.69
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00231	<0.00001	<0.000005	<0.05	0.00018	0.000005	5.69	<0.0001	0.000099	0.00012	<0.00005	0.013	0.000056	0.0042	0.72
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00228	<0.00001	<0.000005	<0.05	0.00017	<0.000005	5.68	<0.0001	0.000064	0.00021	<0.00005	0.004	<0.000005	0.0028	0.66

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15	0.00163	<0.00001	0.006	0.00012	0.00015	5.48	0.01000	0.00025	2.2	<0.000005	0.23	0.00836	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00169	<0.00001	0.030	0.00010	0.00019	5.63	0.00965	0.00029	2.3	<0.000005	0.26	0.00838	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00194	<0.00001	0.005	0.00012	0.00011	5.06	0.00899	0.00019	2.0	0.000010	0.22	0.00814	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15	0.00157	<0.00001	0.006	0.00013	0.00013	6.22	0.01130	0.00027	2.3	<0.000005	0.26	0.01000	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00161	<0.00001	0.006	0.00012	0.00022	5.31	0.00954	0.00024	2.4	<0.000005	0.21	0.00860	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15	0.00162	<0.00001	0.018	0.00011	0.00031	4.95	0.00930	0.00023	2.3	<0.000005	0.23	0.00806	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00203	<0.00001	0.003	0.00012	0.00012	4.89	0.00974	0.00016	2.1	<0.000005	0.21	0.00792	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15	0.00254	<0.00001	0.003	0.00014	0.00022	5.07	0.00935	0.00019	2.0	<0.000005	0.21	0.00820	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15	0.00232	<0.00001	0.003	0.00012	0.00021	4.44	0.00846	0.00015	1.9	<0.000005	0.19	0.00755	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15	0.00255	<0.00001	0.008	0.00013	0.00024	3.78	0.00815	0.00015	1.9	<0.000005	0.18	0.00655	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15	0.00265	<0.00001	0.003	0.00010	0.00025	3.31	0.00719	0.00016	1.9	<0.000005	0.16	0.00516	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15	0.00259	<0.00001	0.003	0.00008	0.00012	3.22	0.00709	0.00012	1.7	<0.000005	0.15	0.00500	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15	0.00274	<0.00001	0.007	0.00010	0.00018	3.59	0.00695	0.00009	1.8	<0.000005	0.16	0.00512	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15	0.00239	<0.00001	0.005	0.00006	0.00019	2.92	0.00614	0.00010	1.1	<0.000005	0.13	0.00466	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15	0.00259	<0.00001	0.003	0.00013	0.00020	4.45	0.00888	0.00018	2.3	<0.000005	0.21	0.00661	<10	<0.00002	0.000014
BR03-7	HC-15															
BR03-7	HC-15	0.00281	<0.00001	<0.002	0.00009	0.00015	3.57	0.00729	0.00010	1.7	0.000005	0.16	0.00569	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00263	<0.00001	0.003	0.00011	0.00011	2.99	0.00624	0.00008	1.4	<0.000005	0.15	0.00465	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00254	<0.00001	<0.002	0.00011	0.00014	3.70	0.00757	0.00013	1.9	<0.000005	0.18	0.00554	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00310	<0.00001	<0.002	0.00007	0.00014	3.06	0.00672	0.00006	1.7	<0.000005	0.15	0.00455	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00222	<0.00001	<0.002	0.00009	0.00013	3.74	0.00794	0.00013	2.4	<0.000005	0.19	0.00569	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00155	<0.00001	0.009	0.00009	0.00013	4.10	0.00802	0.00015	2.6	<0.000005	0.18	0.00542	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00023	0.000241	0.0036	<0.0001	<0.0001	<0.002				0.62	0.59	2.22
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0011	0.00021	0.000239	0.0042	0.0002	<0.0001	<0.002				0.57	0.63	-4.83
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0005	0.00019	0.000230	0.0028	0.0002	<0.0001	<0.002				0.57	0.59	-1.98
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0010	0.00021	0.000265	0.0038	<0.0001	<0.0001	<0.002				0.75	0.73	1.89
BR03-7	HC-15															
BR03-7	HC-15	0.000009	<0.0002	0.0010	0.00024	0.000188	0.0035	0.0001	<0.0001	<0.002				0.58	0.62	-3.31
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0008	0.00025	0.000159	0.0032	0.0017	<0.0001	<0.002				0.57	0.60	-2.06
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0007	0.00023	0.000133	0.0029	0.0002	<0.0001	<0.002				0.56	0.58	-1.83
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00023	0.000137	0.0023	0.0002	<0.0001	<0.002				0.58	0.62	-3.44
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00022	0.000113	0.0023	0.0011	<0.0001	<0.002				0.50	0.53	-3.49
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00025	0.000092	0.0019	0.0002	<0.0001	<0.002				0.46	0.47	-1.72
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00022	0.000072	0.0018	0.0013	<0.0001	<0.002				0.36	0.44	-9.14
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00023	0.000072	0.0017	0.0002	<0.0001	<0.002				0.36	0.38	-3.09
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0008	0.00026	0.000066	0.0016	0.0005	<0.0001	<0.002				0.385	0.397	-1.53
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00014	0.000047	0.0010	0.0002	<0.0001	<0.002				0.328	0.349	-3.10
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00024	0.000098	0.0026	0.0002	<0.0001	<0.002				0.494	0.544	-4.82
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0016	0.00020	0.000059	0.0016	0.0002	<0.0001	<0.002				0.414	0.446	-3.72
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0009	0.00019	0.000053	0.0012	0.0003	<0.0001	0.003				0.350	0.370	-2.78
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000007	<0.0002	<0.0005	0.00023	0.000067	0.0018	0.0001	<0.0001	<0.002				0.440	0.467	-2.98
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00024	0.000054	0.0013	<0.0001	<0.0001	<0.002				0.373	0.378	-0.67
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00027	0.000076	0.0024	0.0005	<0.0001	<0.002				0.457	0.464	-0.76
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00029	0.000074	0.0029	<0.0001	<0.0001	<0.002				0.445	0.473	-3.05

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	105	30-Dec-14	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	106	06-Jan-15	500	490	7.59	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	107	13-Jan-15	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	108	20-Jan-15	500	485	7.55	53.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	109	27-Jan-15	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	110	03-Feb-15	500	485	7.59	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	111	10-Feb-15	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	112	17-Feb-15	500	470	7.50	46.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	113	24-Feb-15	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	114	03-Mar-15	500	490	7.61	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	115	10-Mar-15	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	116	17-Mar-15	500	490	7.64	40.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	117	24-Mar-15	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	118	31-Mar-15	500	500	7.60	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	119	07-Apr-15	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	120	14-Apr-15	500	480	7.55	46.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	121	21-Apr-15	500	500		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	122	28-Apr-15	500	470	7.60	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	123	05-May-15	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	124	12-May-15	500	495	7.63	39.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	125	19-May-15	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	126	26-May-15	500	470	7.57	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	127	02-Jun-15	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	128	09-Jun-15	500	470	7.58	45
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	129	16-Jun-15	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	130	23-Jun-15	500	465	7.66	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	131	30-Jun-15	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	132	07-Jul-15	500	460	7.53	44
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	133	13-Jul-15	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	134	21-Jul-15	500	470	7.54	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	135	28-Jul-15	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	136	04-Aug-15	500	470	7.42	41
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	137	11-Aug-15	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	138	18-Aug-15	500	490	7.45	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	139	25-Aug-15	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	140	01-Sep-15	500	470	7.38	40
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	141	08-Sep-15	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	142	16-Sep-15	500	480	7.46	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	143	22-Sep-15	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	144	29-Sep-15	500	480	7.38	44
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	145	06-Oct-15	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	146	13-Oct-15	500	455	7.38	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	147	20-Oct-15	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	148	27-Oct-15	500	460	7.52	40
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	149	03-Nov-15	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	150	10-Nov-15	500	475	7.35	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	151	17-Nov-15	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	152	24-Nov-15	500	495	7.34	37
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	153	01-Dec-15	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	154	08-Dec-15	500	485	7.28	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	155	15-Dec-15	500	490		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	135	10.4	<0.5	<0.5	11.5			<0.5					16.8	0.199	0.00002	0.0542
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	130	8.7	<0.5	<0.5	9.9			<0.5					14.9	0.143	<0.00002	0.0393
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	130	8.1	<0.5	0.6	7.9			0.7					12.0	0.197	<0.00002	0.0346
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	160	9.5	<0.5	0.7	7.8			<0.5					14.5	0.180	<0.00002	0.0362
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	120	8.1	<0.5	<0.5	7.4			<0.5					12.5	0.184	<0.00002	0.0320
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	140	8.8	<0.5	<0.5	8.4			<0.5					12.4	0.202	<0.00002	0.0410
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	120	10.2	<0.5	<0.5	6.3			<0.5					14.7	0.151	<0.00002	0.0332
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	115	9.2	<0.5	<0.5	6.4			<0.5					13.2	0.113	<0.00002	0.0280
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	120	9.3	<0.5	<0.5	5.7			<0.5					13.2	0.0494	<0.00002	0.0228
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	130	10.6	<0.5	<0.5	6.3			<0.5					13.8	0.0974	<0.00002	0.0353
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	125	9.0	<0.5	<0.5	5.2			<0.5					11.3	0.0913	0.00003	0.0338
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	115	9.9	<0.5	<0.5	5.6			0.9					11.4	0.0901	0.00002	0.0355
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00214	<0.00001	<0.000005	<0.05	0.00017	<0.000005	5.51	<0.0001	0.000065	0.00011	<0.00005	0.004	0.000017	0.0035	0.74
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00221	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.96	<0.0001	0.000068	0.00012	<0.00005	0.002	0.000008	0.0028	0.62
BR03-7	HC-15															
BR03-7	HC-15	0.00160	<0.00001	<0.000005	<0.05	0.00013	<0.000005	3.98	<0.0001	0.000045	0.00009	<0.00005	0.004	<0.000005	0.0023	0.50
BR03-7	HC-15															
BR03-7	HC-15	0.00181	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.83	<0.0001	0.000054	0.00011	<0.00005	0.002	<0.000005	0.0032	0.60
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00152	<0.00001	<0.000005	<0.05	0.00012	<0.000005	4.12	<0.0001	0.000056	0.00020	<0.00005	0.004	<0.000005	0.0026	0.53
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00198	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.01	<0.0001	0.000049	0.00017	<0.00005	0.003	<0.000005	0.0022	0.57
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00221	<0.00001	<0.000005	<0.05	0.00017	<0.000005	4.78	<0.0001	0.000082	0.00011	<0.00005	0.010	0.000006	0.0031	0.66
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00186	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.19	<0.0001	0.000078	0.00013	<0.00005	0.002	<0.000005	0.0028	0.66
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00229	<0.00001	0.000021	<0.05	0.00015	0.000010	4.19	<0.0001	0.000116	0.00031	<0.00005	0.003	0.000030	0.0027	0.67
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00204	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.32	0.0001	0.000107	0.00009	<0.00005	0.002	0.000051	0.0029	0.74
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00234	<0.00001	<0.000005	<0.05	0.00014	0.00112	3.47	<0.0001	0.000098	0.00013	<0.00005	0.011	0.00272	0.0027	0.63
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00331	<0.00001	<0.000005	<0.05	0.00014	0.000341	3.48	<0.0001	0.000122	0.00031	<0.00005	0.004	0.00587	0.0032	0.66
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00184	<0.00001	0.007	0.00008	0.00018	4.37	0.00832	0.00013	2.3	<0.000005	0.20	0.00545	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00182	<0.00001	0.003	0.00007	0.00017	3.50	0.00747	0.00010	2.2	<0.000005	0.16	0.00476	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00153	<0.00001	0.006	0.00007	0.00012	3.19	0.00674	0.00010	2.2	<0.000005	0.14	0.00368	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00175	<0.00001	<0.002	0.00006	0.00021	3.36	0.00696	0.00010	2.1	<0.000005	0.16	0.00418	<10	<0.00002	<0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00183	0.00001	0.004	0.00006	0.00017	3.09	0.00678	0.00009	2.4	<0.000005	0.15	0.00356	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00155	<0.00001	<0.002	0.00007	0.00018	3.31	0.00702	0.00010	2.7	<0.000005	0.16	0.00393	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00216	<0.00001	0.006	0.00007	0.00028	3.30	0.00728	0.00012	2.4	<0.000005	0.15	0.00411	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00251	<0.00001	0.003	0.00008	0.00024	3.02	0.00740	0.00009	2.2	<0.000005	0.16	0.00402	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00339	<0.00001	0.020	0.00008	0.00030	2.86	0.00690	0.00008	2.6	<0.000005	0.19	0.00428	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00300	<0.00001	0.008	0.00008	0.00018	3.25	0.00725	0.00012	2.5	<0.000005	0.18	0.00410	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00294	<0.00001	0.003	0.00007	0.00024	2.89	0.00661	0.00011	2.4	<0.000005	0.16	0.00348	<10	<0.00002	0.000045
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00332	<0.00001	0.003	0.00007	0.00017	2.87	0.00649	0.00011	2.6	<0.000005	0.16	0.00357	<10	<0.00002	0.000070
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00032	0.000064	0.0028	0.0001	<0.0001	<0.002				0.446	0.479	-3.57
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00033	0.000052	0.0021	0.0002	<0.0001	<0.002				0.379	0.411	-4.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00030	0.000047	0.0026	<0.0001	<0.0001	<0.002				0.346	0.350	-0.570
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00029	0.000046	0.0022	<0.0001	<0.0001	<0.002				0.352	0.403	-6.75
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00032	0.000035	0.0025	0.0001	<0.0001	<0.002				0.316	0.355	-5.81
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00035	0.000037	0.0024	0.0006	<0.0001	<0.002				0.351	0.361	-1.40
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00034	0.000032	0.0019	0.0006	<0.0001	<0.002				0.339	0.401	-8.38
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00030	0.000022	0.0016	0.0001	<0.0001	<0.002				0.320	0.360	-5.88
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00030	0.000015	0.0026	0.0025	<0.0001	<0.002				0.308	0.352	-6.67
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00031	0.000018	0.0022	0.0004	<0.0001	<0.002				0.348	0.378	-4.13
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00033	0.000018	0.0033	0.0123	<0.0001	<0.002				0.519	0.317	24.2
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00033	0.000015	0.0024	0.0140	<0.0001	<0.002				0.343	0.319	3.63
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	156	22-Dec-15	500	480	7.32	34
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	157	29-Dec-15	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	158	05-Jan-16	500	475	7.33	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	159	12-Jan-16	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	160	19-Jan-16	500	475	7.23	37
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	161	26-Jan-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	162	02-Feb-16	500	485	7.47	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	163	09-Feb-16	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	164	16-Feb-16	500	450	7.21	42
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	165	23-Feb-16	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	166	01-Mar-16	500	480	7.10	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	167	08-Mar-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	168	15-Mar-16	500	465	7.17	42
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	169	22-Mar-16	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	170	29-Mar-16	500	475	7.00	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	171	05-Apr-16	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	172	12-Apr-16	500	475	7.21	41
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	173	19-Apr-16	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	174	26-Apr-16	500	450	7.24	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	175	03-May-16	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	176	10-May-16	500	455	6.92	32
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	177	17-May-16	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	178	24-May-16	500	450	6.80	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	179	31-May-16	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	180	07-Jun-16	500	455	6.95	35
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	181	14-Jun-16	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	182	21-Jun-16	500	450	7.20	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	183	28-Jun-16	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	184	05-Jul-16	500	460	6.90	40
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	185	12-Jul-16	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	186	19-Jul-16	500	475	6.85	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	187	26-Jul-16	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	188	02-Aug-16	500	445	6.88	34
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	189	09-Aug-16	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	190	16-Aug-16	500	480	6.92	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	191	23-Aug-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	192	30-Aug-16	500	470	7.05	38
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	193	06-Sep-16	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	194	13-Sep-16	500	470	7.05	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	195	20-Sep-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	196	27-Sep-16	500	465	7.07	39
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	197	04-Oct-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	198	11-Oct-16	500	480	7.26	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	199	18-Oct-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	200	25-Oct-16	500	485	7.10	34
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	201	01-Nov-16	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	202	08-Nov-16	500	475	7.07	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	203	15-Nov-16	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	204	22-Nov-16	500	475	7.01	37
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	205	29-Nov-16	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	206	06-Dec-16	500	470	6.80	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15	105	7.6	<0.5	<0.5	5.8			<0.5					10.7	0.0882	<0.00002	0.0343
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	100	9.1	<0.5	<0.5	5.2			<0.5					11.2	0.0828	<0.00002	0.0396
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	100	10.2	<0.5	<0.5	4.3			<0.5					12.2	0.0375	<0.00002	0.0268
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	140	10.7	<0.5	<0.5	5.0			<0.5					12.5	0.0310	<0.00002	0.0480
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	150	10.4	<0.5	<0.5	4.9			<0.5					12.2	0.0363	<0.00002	0.0532
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	155	10.5	<0.5	<0.5	3.5			0.6					9.8	0.0066	<0.00002	0.0182
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	150	9.2	<0.5	<0.5	3.6			0.5					10.0	0.0134	<0.00002	0.0321
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	170	10.7	<0.5	<0.5	3.7			<0.5					12.2	0.0302	0.00002	0.0639
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	155	9.5	<0.5	<0.5	3.2			<0.5					10.1	0.0175	<0.00002	0.0454
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	140	10.5	<0.5	<0.5	3.3			0.9					10.9	0.0152	0.00002	0.0729
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	180	12.4	<0.5	<0.5	3.1			<0.5					11.5	0.0143	<0.00002	0.0688
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	190	10.3	<0.5	<0.5	3.0			<0.5					9.8	0.0229	<0.00002	0.0608
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	195	10.3	<0.5	<0.5	2.5			0.6					10.1	0.0334	0.00003	0.0656
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15	0.00169	<0.00001	<0.000005	<0.05	0.00014	0.000063	3.26	<0.0001	0.000086	0.00007	<0.00005	<0.001	0.000074	0.0017	0.61
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00179	<0.00001	<0.000005	<0.05	0.00011	<0.000005	3.37	<0.0001	0.000165	0.00043	<0.00005	0.001	0.000011	0.0022	0.66
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00231	<0.00001	<0.000005	<0.05	0.00015	0.000020	3.50	<0.0001	0.000258	0.00012	<0.00005	0.008	0.000006	0.0025	0.83
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00255	<0.00001	<0.000005	<0.05	0.00017	0.000019	3.63	<0.0001	0.000120	0.00016	<0.00005	0.003	0.000008	0.0024	0.85
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00230	<0.00001	<0.000005	<0.05	0.00016	<0.000005	3.53	<0.0001	0.000119	0.00016	<0.00005	0.002	0.000028	0.0024	0.82
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00447	<0.00001	<0.000005	<0.05	0.00018	<0.000005	2.65	<0.0001	0.000622	0.00023	<0.00005	0.004	<0.000005	0.0017	0.77
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00284	<0.00001	<0.000005	<0.05	0.00017	0.000022	2.76	<0.0001	0.000240	0.00013	<0.00005	0.005	<0.000005	0.0018	0.76
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00270	<0.00001	<0.000005	<0.05	0.00019	0.000005	3.42	<0.0001	0.000207	0.00021	<0.00005	0.006	0.000008	0.0023	0.90
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00222	<0.00001	<0.000005	<0.05	0.00016	<0.000005	2.61	<0.0001	0.000234	0.00013	<0.00005	0.002	0.000007	0.0023	0.87
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00239	<0.00001	<0.000005	<0.05	0.00021	0.000006	2.88	<0.0001	0.000227	0.00012	<0.00005	0.002	<0.000005	0.0028	0.89
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00232	<0.00001	<0.000005	<0.05	0.00020	<0.000005	3.01	<0.0001	0.000332	0.00030	<0.00005	0.002	0.000011	0.0027	0.97
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00194	<0.00001	<0.000005	<0.05	0.00017	<0.000005	2.49	<0.0001	0.000267	0.00013	<0.00005	0.011	0.000017	0.0025	0.87
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00231	<0.00001	<0.000005	<0.05	0.00020	<0.000005	2.48	<0.0001	0.000304	0.00048	<0.00005	0.025	0.000013	0.0028	0.94
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15	0.00337	<0.00001	0.002	0.00007	0.00015	2.84	0.00618	0.00011	2.5	<0.000005	0.14	0.00313	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00616	<0.00001	0.007	0.00008	0.00016	3.03	0.00662	0.00012	2.7	<0.000005	0.17	0.00332	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00904	<0.00001	<0.002	0.00008	0.00037	3.07	0.00712	0.00012	2.0	<0.000005	0.15	0.00376	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00408	<0.00001	0.003	0.00008	0.00032	3.22	0.00776	0.00012	2.9	<0.000005	0.17	0.00374	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00381	<0.00001	<0.002	0.00008	0.00033	3.00	0.00778	0.00013	2.9	<0.000005	0.17	0.00365	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0160	<0.00001	0.004	0.00008	0.00068	2.47	0.00698	0.00009	2.0	<0.000005	0.13	0.00344	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00684	<0.00001	<0.002	0.00012	0.00034	2.53	0.00650	0.00010	2.1	<0.000005	0.14	0.00338	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0059	<0.00001	0.003	0.00011	0.00047	2.93	0.00758	0.00013	2.4	<0.000005	0.19	0.00391	<10	0.00003	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00707	<0.00001	0.008	0.00012	0.00046	2.62	0.00695	0.00009	2.4	<0.000005	0.15	0.00336	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0059	<0.00001	0.008	0.00014	0.00048	2.80	0.00832	0.00013	3.2	<0.000005	0.16	0.00369	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00723	<0.00001	0.002	0.00013	0.00065	2.81	0.00783	0.00011	3.2	<0.000005	0.16	0.00381	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0075	<0.00001	0.003	0.00013	0.00048	2.44	0.00729	0.00011	3.2	<0.000005	0.14	0.00327	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00734	<0.00001	<0.002	0.00013	0.00050	2.83	0.00778	0.00014	3.3	<0.000005	0.16	0.00374	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00030	0.000011	0.0017	0.0024	<0.0001	<0.002				0.274	0.302	-4.86
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00036	0.000012	0.0020	0.0005	<0.0001	<0.002				0.294	0.317	-3.76
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00023	0.000010	0.0010	0.0033	<0.0001	<0.002				0.30	0.33	-5.21
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00032	0.000008	0.0018	0.0020	<0.0001	<0.002				0.32	0.34	-3.15
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00032	0.000007	0.0023	0.0012	<0.0001	0.002				0.32	0.33	-2.78
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00020	0.000003	0.0009	0.0005	<0.0001	<0.002				0.31	0.27	6.83
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00023	0.000006	0.0009	0.0013	<0.0001	<0.002				0.28	0.27	0.73
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00030	0.000007	0.0015	0.0005	<0.0001	<0.002				0.30	0.33	-5.56
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00025	0.000005	0.0011	0.0002	<0.0001	<0.002				0.26	0.28	-2.77
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00034	0.000005	0.0016	0.0006	<0.0001	<0.002				0.31	0.30	1.81
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00034	0.000005	0.0014	0.0009	<0.0001	<0.002				0.32	0.31	1.11
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0006	0.00033	0.000004	0.0013	0.0005	<0.0001	0.003				0.27	0.27	1.11
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	0.0018	0.00036	0.000005	0.0014	0.0009	<0.0001	<0.002				0.28	0.29	-1.06
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	207	13-Dec-16	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	208	20-Dec-16	500	470	6.83	36
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	209	27-Dec-16	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	210	03-Jan-17	500	480	6.76	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	211	10-Jan-17	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	212	17-Jan-17	500	475	6.70	32
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	213	24-Jan-17	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	214	31-Jan-17	500	475	6.87	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	215	07-Feb-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	216	14-Feb-17	500	475	6.86	33
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	217	21-Feb-17	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	218	28-Feb-17	500	475	6.80	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	219	07-Mar-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	220	14-Mar-17	500	475	6.80	31
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	221	21-Mar-17	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	222	28-Mar-17	500	465	6.74	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	223	04-Apr-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	224	11-Apr-17	500	500	6.67	29
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	225	18-Apr-17	500	500		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	226	25-Apr-17	500	480	6.66	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	227	02-May-17	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	228	09-May-17	500	475	6.67	34
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	229	16-May-17	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	230	23-May-17	500	490	6.73	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	231	30-May-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	232	06-Jun-17	500	480	6.66	32
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	233	13-Jun-17	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	234	20-Jun-17	500	500	6.53	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	235	27-Jun-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	236	04-Jul-17	500	480	6.70	31
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	237	11-Jul-17	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	238	18-Jul-17	500	475	6.60	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	239	25-Jul-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	240	01-Aug-17	500	460	6.63	36
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	241	08-Aug-17	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	242	15-Aug-17	500	450	6.71	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	243	22-Aug-17	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	244	29-Aug-17	500	485	6.62	30
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	245	05-Sep-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	246	12-Sep-17	500	475	6.58	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	247	19-Sep-17	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	248	26-Sep-17	500	470	6.63	31
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	249	03-Oct-17	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	250	10-Oct-17	500	450	6.80	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	251	17-Oct-17	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	252	24-Oct-17	500	475	6.68	27
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	253	31-Oct-17	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	254	07-Nov-17	500	475	6.66	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	255	14-Nov-17	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	256	21-Nov-17	500	455	6.67	25.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	257	28-Nov-17	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15	185	11.1	<0.5	<0.5	2.7			<0.5					10.5	0.0116	0.00003	0.0650
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	205	9.3	<0.5	<0.5	2.5			0.7					8.8	0.0144	0.00003	0.0470
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	210	9.4	<0.5	<0.5	2.7			<0.5					9.0	0.0079	0.00002	0.0549
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	220	9.2	<0.5	<0.5	3.1			<0.5					8.7	0.0067	0.00002	0.0537
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	220	8.8	<0.5	<0.5	1.6			<0.5					8.1	0.0103	0.00003	0.0483
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	190	10.2	<0.5	<0.5	1.3			<0.5					10.2	0.313	0.00002	0.0543
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	210	10.3	<0.5	<0.5	2.0			0.7					9.2	0.0085	0.00002	0.0367
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	220	8.4	<0.5	0.8	2.0			<0.5					8.2	0.0065	0.00003	0.0418
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	225	10.2	<0.5	1.9	2.6			<0.5					10.0	0.0062	0.00003	0.0537
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	230	8.6	<0.5	<0.5	2.3			0.5					8.1	0.0044	0.00002	0.0482
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	240	8.6	<0.5	<0.5	2.2			<0.5					8.3	0.0049	0.00002	0.0523
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	250	8.3	<0.5	<0.5	1.5			<0.5					7.4	0.0049	0.00002	0.0398
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	260	7.6	<0.5	<0.5	2.3			<0.5					6.7	0.0080	0.00003	0.0447
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15	0.00217	<0.00001	<0.000005	<0.05	0.00016	<0.000005	2.53	<0.0001	0.000309	0.00018	<0.00005	0.004	0.000010	0.0023	1.02
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00198	<0.00001	<0.000005	<0.05	0.00014	<0.000005	2.07	<0.0001	0.000331	0.00015	<0.00005	0.015	0.000005	0.0020	0.88
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00198	<0.00001	<0.000005	<0.05	0.00012	<0.000005	2.06	<0.0001	0.000342	0.00007	<0.00005	<0.001	<0.000005	0.0020	0.94
BR03-7	HC-15															
BR03-7	HC-15	0.00192	<0.00001	<0.000005	<0.05	0.00015	0.000007	1.99	<0.0001	0.000333	0.00011	<0.00005	0.002	<0.000005	0.0020	0.90
BR03-7	HC-15															
BR03-7	HC-15	0.00184	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.83	<0.0001	0.000348	0.00011	<0.00005	0.003	<0.000005	0.0017	0.86
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00506	<0.00001	<0.000005	<0.05	0.00028	<0.000005	2.15	0.0007	0.000654	0.00110	0.00007	0.611	0.000192	0.0021	1.17
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00253	<0.00001	<0.000005	<0.05	0.00013	<0.000005	1.96	<0.0001	0.000456	0.00010	<0.00005	0.005	<0.000005	0.0012	1.03
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00222	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.74	<0.0001	0.000440	0.00078	<0.00005	0.001	0.000029	0.0013	0.93
BR03-7	HC-15															
BR03-7	HC-15	0.00256	<0.00001	<0.000005	<0.05	0.00014	<0.000005	2.11	<0.0001	0.000394	0.00013	<0.00005	0.001	<0.000005	0.0016	1.15
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00220	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.68	<0.0001	0.000369	0.00011	<0.00005	0.001	0.000006	0.0012	0.93
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00218	<0.00001	<0.000005	<0.05	0.00013	<0.000005	1.75	<0.0001	0.000355	0.00014	<0.00005	0.002	0.000007	0.0014	0.96
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00181	<0.00001	<0.000005	<0.05	0.00011	<0.000005	1.50	<0.0001	0.000370	0.00018	<0.00005	0.001	<0.000005	0.0011	0.88
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00193	<0.00001	<0.000005	<0.05	0.00011	<0.000005	1.36	<0.0001	0.000338	0.00012	<0.00005	0.006	0.000005	0.0012	0.80
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15	0.0095	<0.00001	0.004	0.00014	0.00053	2.67	0.00684	0.00015	3.2	<0.000005	0.17	0.00348	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.01160	<0.00001	0.002	0.00012	0.00056	2.41	0.00575	0.00013	2.8	<0.000005	0.15	0.00301	<10	0.00005	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0121	<0.00001	0.005	0.00013	0.00050	2.56	0.00631	0.00015	3.1	<0.000005	0.15	0.00314	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0122	<0.00001	0.002	0.00014	0.00050	2.53	0.00610	0.00012	3.0	<0.000005	0.15	0.00310	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0114	<0.00001	<0.002	0.00013	0.00051	2.51	0.00626	0.00014	2.6	<0.000005	0.15	0.00271	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0180	<0.00001	0.003	0.00015	0.00093	2.87	0.00760	0.00014	3.3	<0.000005	0.19	0.00331	<10	<0.00002	0.000012
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0157	<0.00001	<0.002	0.00012	0.00053	2.47	0.00609	0.00014	2.5	<0.000005	0.15	0.00322	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0140	<0.00001	0.005	0.00013	0.00057	2.22	0.00564	0.00013	2.5	<0.000005	0.15	0.00275	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0163	<0.00001	0.007	0.00014	0.00053	2.76	0.00713	0.00018	3.2	<0.000005	0.21	0.00340	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0133	<0.00001	0.004	0.00011	0.00048	2.37	0.00598	0.00015	2.8	<0.000005	0.17	0.00302	<10	0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0122	<0.00001	0.002	0.00012	0.00053	2.55	0.00618	0.00016	3.0	<0.000005	0.17	0.00278	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0125	<0.00001	0.004	0.00010	0.00051	2.24	0.00537	0.00013	2.4	<0.000005	0.15	0.00241	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0125	<0.00001	<0.002	0.00010	0.00048	2.04	0.00537	0.00013	2.3	<0.000005	0.14	0.00234	<10	<0.00002	0.000007
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00033	0.000004	0.0013	0.0014	<0.0001	<0.002				0.28	0.29	-0.88
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00024	0.000003	0.0009	0.0009	<0.0001	<0.002				0.26	0.25	2.96
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00028	0.000003	0.0011	0.0009	<0.0001	<0.002				0.25	0.25	-0.60
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00026	<0.000002	0.0010	0.0006	<0.0001	<0.002				0.25	0.25	1.60
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00026	<0.000002	0.0010	0.0002	<0.0001	<0.002				0.22	0.24	-4.21
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000014	<0.0002	0.0196	0.00027	0.000006	0.0015	0.0011	<0.0001	<0.002				0.24	0.34	-17.9
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00018	0.000003	0.0007	0.0008	<0.0001	<0.002				0.27	0.26	3.59
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00018	0.000019	0.0007	0.0015	<0.0001	<0.002				0.22	0.23	-2.93
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00024	0.000005	0.0009	0.0012	<0.0001	<0.002				0.27	0.28	-2.93
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00022	0.000003	0.0008	0.0003	<0.0001	<0.002				0.24	0.23	1.92
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00027	<0.000002	0.0010	0.0031	<0.0001	<0.002				0.22	0.24	-3.67
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00020	0.000003	0.0007	0.0004	<0.0001	<0.002				0.20	0.21	-2.42
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00021	0.000002	0.0007	0.0003	<0.0001	<0.002				0.21	0.19	3.00
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	258	05-Dec-17	500	475	6.58	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	259	12-Dec-17	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	260	19-Dec-17	500	480	6.60	26.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	261	26-Dec-17	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	262	02-Jan-18	500	475	6.82	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	263	09-Jan-18	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	264	16-Jan-18	500	476	6.68	29
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	265	23-Jan-18	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	266	30-Jan-18	500	465	6.70	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	267	06-Feb-18	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	268	13-Feb-18	500	460	6.57	23.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	269	20-Feb-18	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	270	27-Feb-18	500	475	6.58	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	271	06-Mar-18	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	272	13-Mar-18	500	495	6.62	24.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	273	20-Mar-18	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	274	27-Mar-18	500	490	6.63	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	275	03-Apr-18	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	276	10-Apr-18	500	465	6.54	25
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	277	17-Apr-18	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	278	24-Apr-18	500	480	6.68	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	279	01-May-18	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	280	08-May-18	500	460	6.88	28.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	281	15-May-18	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	282	22-May-18	500	480	6.68	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	283	29-May-18	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	284	05-Jun-18	500	485	6.59	24
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	285	12-Jun-18	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	286	19-Jun-18	500	490	6.72	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	287	26-Jun-18	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	288	03-Jul-18	500	480	6.64	20.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	289	10-Jul-18	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	290	17-Jul-18	500	490	6.80	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	291	24-Jul-18	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	292	31-Jul-18	500	475	6.74	19.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	293	07-Aug-18	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	294	14-Aug-18	500	485	6.61	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	295	21-Aug-18	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	296	28-Aug-18	500	470	6.98	23.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	297	04-Sep-18	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	298	11-Sep-18	500	465	6.73	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	299	18-Sep-18	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	300	25-Sep-18	500	480	6.78	25.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	301	02-Oct-18	500	435		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	302	09-Oct-18	500	490	6.72	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	303	16-Oct-18	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	304	23-Oct-18	500	480	6.69	23.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	305	30-Oct-18	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	306	06-Nov-18	500	475	6.50	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	307	13-Nov-18	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	308	20-Nov-18	500	465	6.55	26.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	260	7.6	<0.5	<0.5	2.3			<0.5					6.6	0.0040	<0.00002	0.0467
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	260	8.1	<0.5	<0.5	3.3			<0.5					7.4	0.0054	0.00002	0.0533
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	255	7.0	<0.5	<0.5	2.1			<0.5					6.4	0.0041	0.00002	0.0406
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	255	6.8	<0.5	<0.5	2.1			<0.5					6.4	0.0041	<0.00002	0.0422
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	270	7.3	<0.5	<0.5	3.2			<0.5					7.6	0.0027	<0.00002	0.0402
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	270	8.8	<0.5	<0.5	2.3			0.6					7.1	0.0041	<0.00002	0.0506
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	270	6.4	<0.5	<0.5	<0.5			0.5					6.0	0.0036	0.00002	0.0480
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	280	7.4	<0.5	<0.5	2.2			<0.5					5.9	0.0046	0.00003	0.0500
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	275	7.2	<0.5	<0.5	2.0			0.6					5.5	0.0038	0.00002	0.0471
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	280	8.2	<0.5	<0.5	3.0			0.6					7.6	0.0048	0.00002	0.0448
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	280	6.0	<0.5	<0.5	1.9			<0.5					6.6	0.0025	0.00003	0.0459
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	265	6.5	<0.5	<0.5	1.5			<0.5					6.1	0.0028	0.00002	0.0357
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	290	6.4	<0.5	<0.5	1.4			<0.5					7.1	0.0045	<0.00002	0.0444

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00171	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.35	<0.0001	0.000339	0.00014	<0.00005	0.001	0.000005	0.0010	0.79
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00182	<0.00001	<0.000005	<0.05	0.00013	<0.000005	1.46	<0.0001	0.000287	0.00013	<0.00005	0.001	0.000011	0.0012	0.90
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00167	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.26	<0.0001	0.000320	0.00016	<0.00005	0.001	0.000012	0.0011	0.78
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00163	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.26	<0.0001	0.000326	0.00018	<0.00005	0.001	0.000005	0.0010	0.80
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00216	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.48	<0.0001	0.000442	0.00016	<0.00005	0.001	<0.000005	0.0008	0.94
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00264	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.44	<0.0001	0.000313	0.00010	<0.00005	<0.001	0.000080	0.0010	0.85
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00401	<0.00001	<0.000005	<0.05	0.00011	<0.000005	1.19	<0.0001	0.000289	0.00015	<0.00005	<0.001	0.000152	0.0008	0.73
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00299	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.17	<0.0001	0.000291	0.00010	<0.00005	0.001	0.000031	0.0008	0.73
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00164	<0.00001	<0.000005	<0.05	0.00009	0.000015	1.03	<0.0001	0.000356	0.00010	<0.00005	0.004	0.000113	0.0007	0.70
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00227	<0.00001	<0.000005	<0.05	0.00011	<0.000005	1.47	<0.0001	0.000369	0.00012	<0.00005	0.002	0.000038	0.0008	0.94
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00195	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.21	<0.0001	0.000321	0.00013	<0.00005	<0.001	0.000013	0.0008	0.88
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00386	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.14	<0.0001	0.000213	0.00026	<0.00005	<0.001	0.000027	0.0007	0.78
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00185	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.32	<0.0001	0.000379	0.00015	<0.00005	0.001	<0.000005	0.0008	0.91

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0130	<0.00001	<0.002	0.00009	0.00052	2.18	0.00527	0.00013	2.5	<0.000005	0.14	0.00249	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0107	<0.00001	0.007	0.00011	0.00044	2.33	0.00614	0.00015	2.7	<0.000005	0.16	0.00280	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0111	<0.00001	0.006	0.00009	0.00047	1.99	0.00514	0.00013	2.3	<0.000005	0.14	0.00226	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0114	<0.00001	0.003	0.00009	0.00050	1.94	0.00500	0.00012	2.3	<0.000005	0.13	0.00224	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0154	<0.00001	0.002	0.00009	0.00065	2.11	0.00541	0.00013	2.2	<0.000005	0.15	0.00274	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0124	<0.00001	0.009	0.00010	0.00054	2.27	0.00581	0.00014	2.6	<0.000005	0.15	0.00259	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0107	<0.00001	<0.002	0.00008	0.00057	2.01	0.00552	0.00014	2.4	<0.000005	0.14	0.00238	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0108	<0.00001	<0.002	0.00009	0.00050	1.98	0.00511	0.00014	2.3	<0.000005	0.13	0.00238	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0121	<0.00001	<0.002	0.00007	0.00050	1.81	0.00467	0.00012	2.0	<0.000005	0.13	0.00218	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0143	<0.00001	0.004	0.00008	0.00056	2.13	0.00561	0.00015	2.4	<0.000005	0.16	0.00286	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0129	<0.00001	<0.002	0.00008	0.00047	2.08	0.00531	0.00013	1.9	<0.000005	0.15	0.00238	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0107	<0.00001	0.004	0.00007	0.00057	1.72	0.00442	0.00009	1.7	<0.000005	0.16	0.00229	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0148	<0.00001	<0.002	0.00009	0.00048	1.98	0.00565	0.00013	2.2	<0.000005	0.14	0.00274	<10	<0.00002	0.000008

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00022	0.000002	0.0007	0.0002	<0.0001	<0.002				0.20	0.20	1.75
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00028	0.000002	0.0009	0.0038	<0.0001	<0.002				0.24	0.22	4.44
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00020	0.000003	0.0006	0.0009	<0.0001	<0.002				0.19	0.19	1.07
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00021	0.000002	0.0006	0.0005	<0.0001	<0.002				0.18	0.19	-0.27
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00017	0.000002	0.0005	0.0020	<0.0001	<0.002				0.22	0.21	0.70
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00024	0.000003	0.0006	0.0023	<0.0001	<0.002				0.25	0.21	8.81
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00020	<0.000002	0.0006	0.0004	<0.0001	<0.002				0.15	0.18	-9.20
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00021	<0.000002	0.0006	0.0002	<0.0001	<0.002				0.197	0.176	5.63
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00017	<0.000002	0.0006	0.0014	<0.0001	<0.002				0.208	0.162	12.4
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00019	<0.000002	0.0005	0.0003	<0.0001	<0.002				0.247	0.214	7.16
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00018	<0.000002	0.0006	0.0003	<0.0001	<0.002				0.164	0.193	-8.12
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000006	<0.0002	0.0011	0.00010	<0.000002	0.0005	0.0011	<0.0001	<0.002				0.168	0.173	-1.5
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00013	<0.000002	0.0005	0.0002	<0.0001	<0.002				0.161	0.199	-10.60

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	309	27-Nov-18	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	310	04-Dec-18	500	460	6.73	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	311	11-Dec-18	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	312	18-Dec-18	500	470	6.62	24.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	313	25-Dec-18	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	314	01-Jan-19	500	465	6.68	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	315	08-Jan-19	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	316	15-Jan-19	500	480	6.58	25.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	317	22-Jan-19	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	318	29-Jan-19	500	465	6.49	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	319	05-Feb-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	320	12-Feb-19	500	480	6.62	25.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	321	19-Feb-19	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	322	26-Feb-19	500	480	6.55	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	323	05-Mar-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	324	12-Mar-19	500	475	6.56	27.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	325	19-Mar-19	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	326	26-Mar-19	500	450	6.59	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	327	02-Apr-19	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	328	09-Apr-19	500	450	6.45	22.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	329	16-Apr-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	330	23-Apr-19	500	470	6.43	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	331	30-Apr-19	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	332	07-May-19	500	470	6.58	27.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	333	14-May-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	334	21-May-19	500	470	6.43	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	335	28-May-19	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	336	04-Jun-19	500	455	6.49	27.0
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	337	11-Jun-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	338	18-Jun-19	500	470	6.52	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	339	25-Jun-19	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	340	02-Jul-19	500	475	6.43	32
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	341	09-Jul-19	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	342	16-Jul-19	500	465	6.38	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	343	23-Jul-19	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	344	30-Jul-19	500	475	6.39	36
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	345	06-Aug-19	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	346	13-Aug-19	500	455	6.34	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	347	20-Aug-19	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	348	27-Aug-19	500	465	6.32	42
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	349	03-Sep-19	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	350	10-Sep-19	500	465	6.24	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	351	17-Sep-19	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	352	24-Sep-19	500	465	6.32	42
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	353	01-Oct-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	354	08-Oct-19	500	475	6.25	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	355	15-Oct-19	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	356	22-Oct-19	500	460	6.31	40
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	357	29-Oct-19	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	358	05-Nov-19	500	475	6.26	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	359	12-Nov-19	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	305	6.6	<0.5	<0.5	1.5			<0.5					5.8	0.0032	<0.00002	0.0456
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	300	6.6	<0.5	<0.5	1.1			<0.5					6.7	0.0049	<0.00002	0.0334
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	310	7.5	<0.5	0.62	0.7			<0.5					7.1	0.0031	<0.00002	0.0428
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	305	8.7	<0.5	<0.5	1.0			<0.5					7.5	0.0055	0.00003	0.0486
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	310	6.6	<0.5	<0.5	2.4			<0.5					6.5	0.0039	<0.00002	0.0467
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	290	8.3	<0.5	<0.5	2.1			<0.5					6.8	0.0049	<0.00002	0.0464
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	290	8.6	<0.5	<0.5	1.4			<0.5					7.3	0.0060	<0.00002	0.0401
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	285	8.6	<0.5	<0.5	0.9			<0.5					8.4	0.0025	<0.00002	0.0454
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	300	9.9	<0.5	<0.5	1.1			1.0					9.7	0.0033	0.00002	0.0437
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	330	12.7	<0.5	<0.5	0.6			<0.5					12.8	0.0073	<0.00002	0.0432
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	360	13.4	<0.5	0.6	<0.5			<0.5					12.8	0.0031	0.00002	0.0449
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	410	13.9	<0.5	0.6	<0.5			<0.5					11.9	0.0018	<0.00002	0.0467
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00157	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.09	<0.0001	0.000328	0.00010	<0.00005	0.001	<0.000005	0.0007	0.75
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00231	<0.00001	<0.000005	<0.05	0.00013	<0.000005	1.20	<0.0001	0.000425	0.00017	<0.00005	0.002	<0.000005	<0.0005	0.90
BR03-7	HC-15															
BR03-7	HC-15	0.00216	<0.00001	<0.000005	<0.05	0.00014	<0.000005	1.28	<0.0001	0.000438	0.00015	<0.00005	0.001	0.000006	0.0005	0.95
BR03-7	HC-15															
BR03-7	HC-15	0.00198	<0.00001	<0.000005	<0.05	0.00013	<0.000005	1.33	<0.0001	0.000346	0.00019	<0.00005	0.003	0.000007	0.0007	1.00
BR03-7	HC-15															
BR03-7	HC-15	0.00188	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.17	<0.0001	0.000329	0.00019	<0.00005	0.002	<0.000005	0.0009	0.86
BR03-7	HC-15															
BR03-7	HC-15	0.00190	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.21	<0.0001	0.000460	0.00025	<0.00005	0.004	0.000012	<0.0005	0.90
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00392	<0.00001	<0.000005	<0.05	0.00011	0.000033	1.27	<0.0001	0.000560	0.00076	<0.00005	0.010	0.000038	0.0006	0.99
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00379	<0.00001	<0.000005	<0.05	0.00012	0.000006	1.51	<0.0001	0.000690	0.00024	<0.00005	0.002	0.000027	0.0009	1.13
BR03-7	HC-15															
BR03-7	HC-15	0.00309	<0.00001	<0.000005	<0.05	0.00014	0.000006	1.69	0.0001	0.000915	0.00023	<0.00005	0.001	<0.000005	0.0011	1.33
BR03-7	HC-15															
BR03-7	HC-15	0.00421	<0.00001	<0.000005	<0.05	0.00015	0.000007	2.23	<0.0001	0.00120	0.00040	<0.00005	0.006	<0.000005	0.0011	1.75
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00440	<0.00001	<0.000005	<0.05	0.00015	0.000009	2.20	<0.0001	0.00129	0.00032	<0.00005	0.002	0.000008	0.0013	1.76
BR03-7	HC-15															
BR03-7	HC-15	0.00428	<0.00001	<0.000005	<0.05	0.00017	0.000010	2.00	<0.0001	0.00140	0.00028	<0.00005	0.001	0.000022	0.0014	1.67
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0125	<0.00001	<0.002	0.00009	0.00038	1.73	0.00517	0.00012	1.9	<0.000005	0.14	0.00224	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0142	<0.00001	<0.002	0.00006	0.00047	1.63	0.00515	0.00010	1.3	<0.000005	0.12	0.00261	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0159	<0.00001	0.003	0.00007	0.00053	1.80	0.00563	0.00012	1.6	<0.000005	0.14	0.00295	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0142	<0.00001	<0.002	0.00010	0.00048	1.95	0.00590	0.00012	2.1	<0.000005	0.15	0.00295	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0125	0.00001	0.002	0.00009	0.00043	1.70	0.00493	0.00010	1.9	<0.000005	0.14	0.00262	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0170	<0.00001	<0.002	0.00008	0.00066	1.74	0.00484	0.00010	1.7	<0.000005	0.12	0.00282	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0199	<0.00001	<0.002	0.00007	0.00071	1.76	0.00496	0.00011	1.6	<0.000005	0.13	0.00291	<10	<0.00002	0.000014
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0230	<0.00001	<0.002	0.00007	0.00090	2.11	0.00611	0.00009	2.2	<0.000005	0.16	0.00368	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0291	<0.00001	<0.002	0.00007	0.00103	2.32	0.00645	0.00011	2.3	<0.000005	0.16	0.00444	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0472	<0.00001	<0.002	0.00008	0.00136	2.94	0.00733	0.00013	2.5	<0.000005	0.18	0.00575	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0514	<0.00001	<0.002	0.00008	0.00168	2.97	0.00748	0.00017	3.0	<0.000005	0.18	0.00589	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0536	<0.00001	<0.002	0.00007	0.00155	3.07	0.00777	0.00020	3.3	<0.000005	0.21	0.00587	<10	<0.00002	0.000010
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00012	<0.000002	0.0005	0.0003	<0.0001	<0.002				0.169	0.168	0.30
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0004	0.0002	<0.0001	<0.002				0.160	0.183	-6.71
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00007	<0.000002	0.0004	0.0002	<0.0001	<0.002				0.172	0.196	-6.52
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00009	<0.000002	0.0005	0.0003	<0.0001	<0.002				0.202	0.207	-1.22
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00006	0.000002	<0.0002	0.0002	<0.0001	<0.002				0.185	0.180	1.37
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	0.000002	0.0005	0.0004	<0.0001	<0.002				0.216	0.186	7.46
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	0.0053	<0.0001	<0.002				0.207	0.198	2.22
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00006	<0.000002	0.0003	0.0006	<0.0001	<0.002				0.197	0.231	-7.94
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0022	0.0003	<0.0001	<0.002				0.256	0.263	-1.35
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0004	0.0002	<0.0001	<0.002				0.278	0.341	-10.2
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	0.000005	0.0003	0.0007	<0.0001	0.003				0.278	0.341	-10.2
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0003	0.0004	<0.0001	<0.002				0.290	0.328	-6.15
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	360	19-Nov-19	500	490	6.26	30
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	361	26-Nov-19	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	362	03-Dec-19	500	490	6.36	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	363	10-Dec-19	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	364	17-Dec-19	500	490	6.34	28
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	365	24-Dec-19	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	366	31-Dec-19	500	480	6.33	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	367	07-Jan-20	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	368	14-Jan-20	500	485	6.42	35
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	369	21-Jan-20	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	370	28-Jan-20	500	485	6.30	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	371	04-Feb-20	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	372	11-Feb-20	500	470	6.25	30
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	373	18-Feb-20	500	500		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	374	25-Feb-20	500	470	6.06	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	375	03-Mar-20	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	376	10-Mar-20	500	475	6.28	28
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	377	17-Mar-20	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	378	24-Mar-20	500	490	6.39	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	379	31-Mar-20	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	380	07-Apr-20	500	490	6.19	23
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	381	14-Apr-20	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	382	21-Apr-20	500	495	6.33	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	383	28-Apr-20	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	384	05-May-20	500	485	6.37	25
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	385	12-May-20	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	386	19-May-20	500	490	6.19	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	387	26-May-20	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	388	02-Jun-20	500	460	6.23	28
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	389	09-Jun-20	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	390	16-Jun-20	500	470	6.24	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	391	23-Jun-20	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	392	30-Jun-20	500	475	6.22	29
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	393	07-Jul-20	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	394	14-Jul-20	500	475	6.29	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	395	21-Jul-20	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	396	28-Jul-20	500	465	6.38	25
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	397	04-Aug-20	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	398	11-Aug-20	500	475	6.32	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	399	18-Aug-20	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	400	25-Aug-20	500	465	6.33	29
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	401	01-Sep-20	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	402	08-Sep-20	500	475	6.41	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	403	15-Sep-20	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	404	22-Sep-20	500	495	6.31	24
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	405	29-Sep-20	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	406	06-Oct-20	500	475	6.24	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	407	13-Oct-20	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	408	20-Oct-20	500	465	6.67	29
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	409	27-Oct-20	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	410	03-Nov-20	500	490	6.46	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15	345	9.9	<0.5	0.9	0.6			<0.5					9.0	0.0061	0.00003	0.0508
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	380	8.5	<0.5	<0.5	<0.5			<0.5					7.5	0.0013	<0.00002	0.0481
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	360	10.3	<0.5	1.2	<0.5			<0.5					8.1	0.0017	0.00002	0.0479
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	360	9.1	<0.5	<0.5	<0.5			<0.5					7.4	0.0016	<0.00002	0.0417
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	360	8.9	<0.5	<0.5	0.8			<0.5					7.2	0.0028	<0.00002	0.0430
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	330	7.7	<0.5	<0.5	<0.5			<0.5					6.2	0.0056	<0.00002	0.0451
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	350	8.6	<0.5	<0.5	1.1			<0.5					6.6	0.0009	<0.00002	0.0437
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	340	10.0	<0.5	<0.5	<0.5			<0.5					8.3	0.0102	<0.00002	0.0373
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	360	9.0	<0.5	<0.5	<0.5			<0.5					7.3	0.0018	<0.00002	0.0426
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	345	7.7	<0.5	<0.5	<0.5			<0.5					6.4	0.0017	<0.00002	0.0446
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	350	9.5	<0.5	<0.5	<0.5			0.8					7.2	0.0015	<0.00002	0.0490
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	355	7.0	<0.5	<0.5	<0.5			<0.5					5.7	0.0016	<0.00002	0.0482
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	370	15.7	<0.5	<0.5	1.1			<0.5					14.6	0.0015	0.00002	0.0472
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15	0.00290	<0.00001	<0.000005	<0.05	0.00014	0.000006	1.49	<0.0001	0.00112	0.00027	<0.00005	0.004	0.000010	0.0011	1.28
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00243	<0.00001	<0.000005	<0.05	0.00011	0.000006	1.26	<0.0001	0.00108	0.00026	<0.00005	0.001	0.000011	0.0009	1.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00281	<0.00001	<0.000005	<0.05	0.00012	0.000008	1.36	<0.0001	0.00115	0.00025	<0.00005	0.002	0.000009	0.0010	1.14
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00267	<0.00001	<0.000005	<0.05	0.00010	0.000006	1.21	<0.0001	0.00118	0.00027	<0.00005	0.001	<0.000005	0.0008	1.07
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00237	<0.00001	<0.000005	<0.05	0.00011	0.000006	1.20	<0.0001	0.00102	0.00078	<0.00005	0.003	0.000008	0.0008	1.03
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00246	<0.00001	<0.000005	<0.05	0.00009	0.000005	1.01	<0.0001	0.000919	0.00122	<0.00005	0.007	0.000008	0.0006	0.90
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00247	<0.00001	<0.000005	<0.05	0.00010	0.000006	1.08	<0.0001	0.000910	0.00022	<0.00005	<0.001	<0.000005	0.0007	0.95
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00342	<0.00001	<0.000005	<0.05	0.00012	0.000008	1.42	<0.0001	0.00115	0.00023	<0.00005	0.002	<0.000005	<0.0005	1.15
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00311	<0.00001	<0.000005	<0.05	0.00014	0.000006	1.21	<0.0001	0.00105	0.00042	<0.00005	0.002	0.000012	0.0006	1.04
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00250	<0.00001	<0.000005	<0.05	0.00010	0.000006	1.05	<0.0001	0.00110	0.00141	<0.00005	0.002	<0.000005	<0.0005	0.91
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00276	<0.00001	<0.000005	<0.05	0.00010	0.000008	1.18	<0.0001	0.00118	0.00105	<0.00005	0.002	0.000006	0.0005	1.03
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00220	<0.00001	<0.000005	<0.05	0.00010	<0.000005	0.95	<0.0001	0.000981	0.00183	<0.00005	0.001	<0.000005	<0.0005	0.81
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00287	<0.00001	<0.000005	<0.05	0.00011	0.000006	3.96	<0.0001	0.00118	0.00028	<0.00005	0.002	<0.000005	0.0006	1.15
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15	0.0408	<0.00001	<0.002	<0.00005	0.00125	2.59	0.00674	0.00016	2.8	<0.000005	0.18	0.00402	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0387	<0.00001	<0.002	0.00005	0.00125	2.39	0.00575	0.00016	2.6	<0.000005	0.15	0.00365	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0428	<0.00001	<0.002	<0.00005	0.00130	2.49	0.00629	0.00017	2.8	<0.000005	0.16	0.00419	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0454	<0.00001	0.004	<0.00005	0.00140	2.43	0.00599	0.00014	2.5	<0.000005	0.17	0.00384	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0412	<0.00001	0.006	0.00005	0.00117	2.35	0.00615	0.00018	2.7	<0.000005	0.16	0.00349	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0342	<0.00001	0.006	<0.00005	0.00116	2.11	0.00529	0.00015	2.3	<0.000005	0.15	0.00310	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0380	<0.00001	0.005	<0.00005	0.00109	2.23	0.00576	0.00016	2.6	<0.000005	0.17	0.00345	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0466	<0.00001	<0.002	<0.00005	0.00134	2.27	0.00596	0.00017	2.1	<0.000005	0.17	0.00432	<10	0.00004	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0450	<0.00001	0.005	<0.00005	0.00135	2.43	0.00672	0.00016	2.5	<0.000005	0.18	0.00382	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0411	<0.00001	0.007	<0.00005	0.00128	1.94	0.00509	0.00017	2.0	<0.000005	0.17	0.0033	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0488	<0.00001	0.007	<0.00005	0.00150	1.98	0.00572	0.00021	2.0	<0.000005	0.16	0.0040	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0381	<0.00001	0.006	<0.00005	0.00137	1.91	0.00506	0.00016	2.1	<0.000005	0.16	0.0029	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0433	<0.00001	0.007	0.00025	0.00138	3.25	0.00613	0.00017	2.2	<0.000005	0.77	0.0318	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	0.0004	<0.0001	<0.002				0.218	0.256	-8.02
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	0.000002	0.0003	0.0004	<0.0001	<0.002				0.178	0.219	-10.3
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	0.000003	0.0003	0.0003	<0.0001	0.004				0.214	0.234	-4.46
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	0.000002	0.0003	0.0003	<0.0001	<0.002				0.189	0.220	-7.58
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	0.000002	0.0002	0.0002	<0.0001	<0.002				0.202	0.214	-2.88
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	0.0005	0.0002	<0.002				0.160	0.188	-8.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000008	<0.0002	<0.0005	0.00005	0.000003	0.0003	0.0002	<0.0001	<0.002				0.202	0.198	1.00
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0003	0.0005	<0.0001	<0.002				0.208	0.235	-6.09
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	0.000005	0.0003	0.0005	<0.0001	<0.002				0.188	0.218	-7.39
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0003	0.0004	<0.0001	<0.002				0.161	0.187	-7.47
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00002	<0.000002	0.0003	0.0003	<0.0001	<0.002				0.219	0.204	3.55
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000005	<0.0002	<0.0005	0.00003	<0.000002	0.0003	0.0004	<0.0001	<0.002				0.147	0.172	-7.84
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000008	<0.0002	<0.0005	0.00010	0.000050	0.0003	0.0001	<0.0001	<0.002				0.350	0.411	-8.02
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	411	10-Nov-20	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	412	10-Nov-20	500	450		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	413	17-Nov-20	500	490	6.43	21
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	414	24-Nov-20	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	415	01-Dec-20	500	475	6.35	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	416	08-Dec-20	500	495		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	417	15-Dec-20	500	470	6.41	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	418	22-Dec-20	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	419	29-Dec-20	500	475	6.30	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	420	05-Jan-21	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	421	12-Jan-21	500	465	6.32	21
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	422	19-Jan-21	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	423	26-Jan-21	500	450	6.11	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	424	02-Feb-21	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	425	09-Feb-21	500	480	6.33	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	426	16-Feb-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	427	23-Feb-21	500	475	6.25	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	428	02-Mar-21	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	429	09-Mar-21	500	475	6.37	24
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	430	16-Mar-21	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	431	23-Mar-21	500	470	6.45	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	432	30-Mar-21	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	433	06-Apr-21	500	475	6.37	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	434	13-Apr-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	435	20-Apr-21	500	475	6.39	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	436	27-Apr-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	437	04-May-21	500	470	6.37	23
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	438	11-May-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	439	18-May-21	500	470	6.53	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	440	25-May-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	441	01-Jun-21	500	480	6.32	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	442	08-Jun-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	443	15-Jun-21	500	470	6.30	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	444	22-Jun-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	445	29-Jun-21	500	470	6.34	23
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	446	06-Jul-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	447	13-Jul-21	500	475	6.38	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	448	20-Jul-21	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	449	27-Jul-21	500	465	6.36	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	450	03-Aug-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	451	10-Aug-21	500	475	6.35	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	452	17-Aug-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	453	24-Aug-21	500	465	6.39	20
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	454	31-Aug-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	455	07-Sep-21	500	475	6.18	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	456	14-Sep-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	457	21-Sep-21	500	475	6.41	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	458	28-Sep-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	459	05-Oct-21	500	475	6.61	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	460	12-Oct-21	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	461	19-Oct-21	500	475	6.66	15

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	350	6.1	<0.5	<0.5	1.1			<0.5					4.9	0.0043	<0.00002	0.0538
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		5.6	<0.5	<0.5	<0.5											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	345	7.0	<0.5	0.6	0.9			<0.5					5.4	0.0063	<0.00002	0.0483
BR03-7	HC-15																
BR03-7	HC-15		11.8	<0.5	<0.5	0.9											
BR03-7	HC-15																
BR03-7	HC-15	350	8.3	<0.5	<0.5	1.0			<0.5					5.7	0.0009	<0.00002	0.0450
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		7.5	<0.5	<0.5	0.7											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	355	6.6	<0.5	<0.5	0.9			<0.5					5.1	0.0016	0.00003	0.0470
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		6.3	<0.5	<0.5	<0.5											
BR03-7	HC-15																
BR03-7	HC-15	370	7.5	<0.5	<0.5	1.1			<0.5					5.1	0.0022	0.00003	0.0593
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		7.4	<0.5	<0.5	0.8											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	345	6.3	<0.5	<0.5	0.6			<0.5					4.2	0.0018	<0.00002	0.0488
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		5.1	<0.5	0.9	0.8											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	350	4.1	<0.5	<0.5	1.3			<0.5					3.3	0.0017	<0.00002	0.0513

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00209	<0.00001	<0.000005	<0.05	0.00010	<0.000005	0.77	<0.0001	0.00102	0.00031	<0.00005	0.004	<0.000005	<0.0005	0.71
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00248	<0.00001	<0.000005	<0.05	0.00010	0.000006	0.86	<0.0001	0.000930	0.00027	<0.00005	0.006	0.000007	0.0005	0.78
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00209	<0.00001	<0.000005	<0.05	0.00011	<0.000005	0.91	<0.0001	0.000838	0.00024	<0.00005	<0.001	<0.000005	<0.0005	0.82
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00176	<0.00001	<0.000005	<0.05	0.00009	0.000005	0.80	<0.0001	0.000839	0.00022	<0.00005	0.002	0.000037	0.0006	0.75
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00163	<0.00001	<0.000005	<0.05	0.00011	0.000006	0.81	<0.0001	0.000769	0.00024	<0.00005	0.002	0.000020	0.0006	0.75
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00137	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.69	<0.0001	0.000598	0.00022	<0.00005	0.001	0.000010	<0.0005	0.61
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00105	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.53	<0.0001	0.000489	0.00015	<0.00005	0.001	<0.000005	<0.0005	0.49

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0337	<0.00001	0.004	<0.00005	0.00125	1.95	0.00518	0.00017	2.2	<0.000005	0.15	0.0027	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0356	<0.00001	0.007	<0.00005	0.00133	1.93	0.00518	0.00016	2.2	<0.000005	0.17	0.00319	<10	<0.00002	0.000009
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0366	<0.00001	0.004	<0.00005	0.00135	2.12	0.00562	0.00019	2.6	<0.000005	0.15	0.00344	<10	<0.00002	0.000008
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0373	<0.00001	0.003	<0.00005	0.00111	2.09	0.00567	0.00018	2.8	<0.000005	0.16	0.00284	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0361	<0.00001	<0.002	<0.00005	0.00098	2.22	0.00629	0.00021	2.8	<0.000005	0.20	0.00308	<10	<0.00002	0.000016
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0305	<0.00001	0.003	<0.00005	0.00086	1.70	0.00451	0.00019	1.9	<0.000005	0.16	0.00254	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0238	<0.00001	<0.002	<0.00005	0.00075	1.39	0.00381	0.00013	1.9	<0.000005	0.14	0.00245	<10	<0.00002	0.000007

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00003	0.000002	<0.0002	0.0002	<0.0001	<0.002				0.148	0.156	-2.63
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00003	0.000003	0.0003	0.0003	<0.0001	<0.002				0.163	0.17	-1.21
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00006	<0.000002	0.0003	0.0002	<0.0001	<0.002				0.193	0.176	4.61
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00006	0.000003	0.0002	0.0002	<0.0001	<0.002				0.155	0.164	-2.82
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.000014	<0.0002	<0.0005	0.00006	0.000003	0.0003	0.0003	<0.0001	<0.002				0.178	0.170	2.30
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	<0.000002	0.0002	0.0003	<0.0001	<0.002				0.144	0.137	2.49
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00004	0.000003	<0.0002	0.0002	<0.0001	<0.002				0.111	0.109	0.910

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	462	26-Oct-21	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	463	02-Nov-21	500	485	6.69	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	464	09-Nov-21	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	465	16-Nov-21	500	480	6.53	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	466	23-Nov-21	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	467	30-Nov-21	500	475	6.65	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	468	07-Dec-21	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	469	14-Dec-21	500	475	6.76	16
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	470	21-Dec-21	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	471	28-Dec-21	500	475	6.79	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	472	04-Jan-22	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	473	11-Jan-22	500	475	6.81	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	474	18-Jan-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	475	25-Jan-22	500	475	6.41	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	476	01-Feb-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	477	08-Feb-22	500	480	6.31	15
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	478	15-Feb-22	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	479	22-Feb-22	500	480	6.42	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	480	01-Mar-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	481	08-Mar-22	500	480	6.53	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	482	15-Mar-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	483	22-Mar-22	500	475	6.58	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	484	29-Mar-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	485	05-Apr-22	500	475	6.50	13
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	486	12-Apr-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	487	19-Apr-22	500	480	6.42	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	488	26-Apr-22	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	489	03-May-22	500	480	6.40	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	490	10-May-22	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	491	17-May-22	500	475	6.52	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	492	24-May-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	493	31-May-22	500	480	6.46	13
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	494	07-Jun-22	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	495	14-Jun-22	500	475	6.67	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	496	21-Jun-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	497	28-Jun-22	500	475	6.52	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	498	05-Jul-22	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	499	12-Jul-22	500	490	6.51	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	500	19-Jul-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	501	26-Jul-22	500	470	6.51	14
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	502	02-Aug-22	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	503	09-Aug-22	500	475	6.59	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	504	16-Aug-22	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	505	23-Aug-22	500	480	6.42	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	506	30-Aug-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	507	06-Sep-22	500	480	6.49	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	508	13-Sep-22	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	509	20-Sep-22	500	480	6.52	13
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	510	27-Sep-22	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	511	04-Oct-22	500	475	6.50	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	512	11-Oct-22	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		4.3	<0.5	<0.5	1.5											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	340	5.6	<0.5	1.0	0.6			<0.5					3.7	0.0007	0.00003	0.0520
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		4.8	<0.5	<0.5	0.9											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	350	5.2	<0.5	<0.5	1.3			<0.5					3.3	0.0016	0.00003	0.0539
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		5.0	<0.5	<0.5	1.7											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	340	4.0	<0.5	0.6	1.1			<0.5					2.9	0.0008	0.00002	0.0593
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		4.2	<0.5	<0.5	1.1											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	340	3.9	<0.5	1.5	0.7			<0.5					2.8	0.0016	0.00002	0.0653
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		4.4	<0.5	0.5	1.2											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	330	4.6	<0.5	<0.5	0.9			0.7					3.0	0.0010	0.00003	0.0696
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		3.6	<0.5	0.8	0.9											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	370	3.0	<0.5	<0.5	1.3			<0.5					2.4	0.0017	0.00002	0.0681
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00124	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.58	<0.0001	0.000632	0.00015	<0.00005	<0.001	<0.000005	<0.0005	0.53
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00110	<0.00001	<0.000005	<0.05	0.00007	0.000008	0.51	0.0001	0.000471	0.00024	<0.00005	<0.001	0.000008	<0.0005	0.48
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00099	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.48	<0.0001	0.000385	0.00017	<0.00005	<0.001	<0.000005	<0.0005	0.42
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00095	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.48	<0.0001	0.000404	0.00016	<0.00005	<0.001	<0.000005	<0.0005	0.39
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00111	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.49	<0.0001	0.000371	0.00017	<0.00005	<0.001	<0.000005	<0.0005	0.42
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00089	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.39	<0.0001	0.000311	0.00014	<0.00005	<0.001	0.000008	<0.0005	0.34
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0260	<0.00001	0.003	<0.00005	0.00083	1.60	0.00446	0.00018	2.3	<0.000005	0.15	0.00231	<10	<0.00002	0.000007
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0225	<0.00001	0.003	0.00020	0.00073	1.54	0.00409	0.00015	2.1	<0.000005	0.21	0.00252	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0182	<0.00001	<0.002	<0.00005	0.00057	1.40	0.00399	0.00015	2.0	<0.000005	0.15	0.00205	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0181	<0.00001	<0.002	0.00005	0.00059	1.50	0.00425	0.00015	2.0	<0.000005	0.15	0.00194	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0166	<0.00001	0.002	<0.00005	0.00067	1.60	0.00452	0.00015	2.0	<0.000005	0.17	0.00196	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0116	<0.00001	0.004	0.00005	0.00055	1.34	0.00365	0.00014	1.9	<0.000005	0.14	0.00156	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	0.000004	0.0002	0.0001	<0.0001	<0.002				0.130	0.122	3.17
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00007	0.000010	0.0003	0.0003	<0.0001	<0.002				0.135	0.115	8.00
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.000005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	0.0001	<0.0001	<0.002				0.105	0.101	1.94
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	0.0001	<0.0001	<0.002				0.0940	0.102	-4.08
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0004	0.0003	<0.0001	<0.002				0.136	0.109	11.0
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	0.0003	<0.0001	<0.002				0.0890	0.0890	0.00
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	513	18-Oct-22	500	485	6.75	10
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	514	25-Oct-22	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	515	01-Nov-22	500	485	6.46	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	516	08-Nov-22	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	517	15-Nov-22	500	490	6.49	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	518	22-Nov-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	519	29-Nov-22	500	480	6.59	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	520	06-Dec-22	500	480		11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	521	13-Dec-22	500	475	6.35	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	522	20-Dec-22	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	523	27-Dec-22	500	480	6.40	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	524	03-Jan-23	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	525	10-Jan-23	500	480	6.44	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	526	17-Jan-23	500	490		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	527	24-Jan-23	500	480	6.55	11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	528	31-Jan-23	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	529	07-Feb-23	500	475	6.42	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	530	14-Feb-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	531	21-Feb-23	500	485	6.42	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	532	28-Feb-23	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	533	07-Mar-23	500	475	6.40	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	534	14-Mar-23	500	475		11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	535	21-Mar-23	500	475	6.43	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	536	28-Mar-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	537	04-Apr-23	500	495	6.46	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	538	11-Apr-23	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	539	18-Apr-23	500	485	6.48	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	540	25-Apr-23	500	485		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	541	02-May-23	500	475	6.46	11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	542	09-May-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	543	16-May-23	500	480	6.46	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	544	23-May-23	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	545	30-May-23	500	470	6.37	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	546	06-Jun-23	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	547	13-Jun-23	500	465	6.45	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	548	20-Jun-23	500	480		11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	549	27-Jun-23	500	475	6.40	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	550	04-Jul-23	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	551	11-Jul-23	500	475	6.40	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	552	18-Jul-23	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	553	25-Jul-23	500	480	6.56	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	554	01-Aug-23	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	555	08-Aug-23	500	475	6.51	11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	556	15-Aug-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	557	22-Aug-23	500	475	6.49	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	558	29-Aug-23	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	559	05-Sep-23	500	480	6.37	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	560	12-Sep-23	500	470		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	561	19-Sep-23	500	475	6.57	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	562	26-Sep-23	500	475		11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	563	03-Oct-23	500	475	6.70	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15		3	<0.5	<0.5	1.5											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	350	2.6	<0.5	1.7	0.9			0.7					2.3	0.0017	0.00002	0.0677
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.7	<0.5	1.2	1.3											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	355	2.9	<0.5	0.6	0.9			1.4					2.2	0.0009	0.00003	0.0673
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.4	<0.5	<0.5	1.1											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	360	2.9	<0.5	<0.5	0.9			<0.5					2.4	0.0011	0.00003	0.0766
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		4.3	<0.5	<0.5	1.2											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	365	2.8	<0.5	<0.5	2.4			<0.5					2.3	0.0012	0.00003	0.0823
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.4	<0.5	<0.5	0.6											
BR03-7	HC-15																
BR03-7	HC-15	350	2.2	<0.5	<0.5	1.9			<0.5					2.1	0.0027	0.00003	0.0798
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.4	<0.5	<0.5	1.5											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	340	2.5	<0.5	<0.5	1.5			<0.5					2.1	0.0042	<0.00002	0.0857
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.2	<0.5	<0.5	1.6											
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00091	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.38	<0.0001	0.000333	0.00014	<0.00005	<0.001	0.000006	<0.0005	0.32
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00115	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.38	<0.0001	0.000317	0.00013	<0.00005	<0.001	0.000007	<0.0005	0.31
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00085	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.40	0.0001	0.000232	0.00012	<0.00005	<0.001	0.000007	<0.0005	0.34
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00104	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.41	<0.0001	0.000165	0.00023	<0.00005	<0.001	0.000036	<0.0005	0.31
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00072	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.36	<0.0001	0.000173	0.00012	<0.00005	0.002	0.000010	<0.0005	0.29
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00075	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.37	<0.0001	0.000164	0.00012	<0.00005	0.002	<0.000005	<0.0005	0.28
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0119	<0.00001	0.003	0.00006	0.00051	1.26	0.00356	0.00012	1.8	<0.000005	0.14	0.00167	<10	<0.00002	0.000006
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.0119	<0.00001	0.004	0.00005	0.00052	1.26	0.00388	0.00012	2.0	<0.000005	0.14	0.00153	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00957	<0.00001	0.006	0.00006	0.00041	1.38	0.00380	0.00014	2.0	<0.000005	0.16	0.00158	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00688	<0.00001	0.006	0.00006	0.00035	1.21	0.00402	0.00015	1.8	<0.000005	0.16	0.00189	<10	<0.00002	<0.000002
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00668	<0.00001	0.005	0.00006	0.00030	1.18	0.00397	0.00014	1.9	<0.000005	0.15	0.00137	<10	<0.00002	0.000003
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00594	<0.00001	0.006	0.00005	0.00027	1.12	0.00352	0.00014	1.8	<0.000005	0.14	0.00141	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0003	<0.0001	<0.0001	<0.002				0.0890	0.0850	2.30
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00006	<0.000002	0.0003	0.0002	<0.0001	<0.002				0.1170	0.0840	16.40
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00006	0.000011	0.0004	<0.0001	<0.0001	<0.002				0.0770	0.0910	-8.33
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00006	0.000003	0.0004	0.0003	<0.0001	<0.002				0.106	0.0840	11.6
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0004	0.0002	<0.0001	<0.002				0.0830	0.0790	2.47
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	<0.000002	0.0004	0.0001	<0.0001	0.002				0.0840	0.0770	4.35
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	564	10-Oct-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	565	17-Oct-23	500	470	6.56	10
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	566	24-Oct-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	567	31-Oct-23	500	480	6.60	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	568	07-Nov-23	500	465		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	569	14-Nov-23	500	440	6.62	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	570	21-Nov-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	571	28-Nov-23	500	465	6.54	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	572	05-Dec-23	500	460		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	573	12-Dec-23	500	450	6.57	11
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	574	19-Dec-23	500	475		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	575	26-Dec-23	500	480	6.58	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	576	02-Jan-24	500	455		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	577	09-Jan-24	500	465	6.33	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	578	16-Jan-24	500	480		
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	579	23-Jan-24	500	500	6.49	
BR03-7	HC-15	Umwelt	Greywacke/Gabbro	11GSE128	123.90	125.00	0.11	0.08	0.02	17.20	7.77	580	30-Jan-24	500	475		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	0	21-Jan-13	750	585	9.45	255
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	1	28-Jan-13	500	480	8.90	137
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	2	04-Feb-13	500	485	8.60	105
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	3	11-Feb-13	500	470	8.43	81.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	4	18-Feb-13	500	465	8.13	74.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	5	25-Feb-13	500	485	8.12	58.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	6	04-Mar-13	500	470	8.48	59.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	7	11-Mar-13	500	480	8.40	55.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	8	18-Mar-13	500	480	7.90	57.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	9	25-Mar-13	500	470	8.35	58.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	10	01-Apr-13	500	465	8.24	55.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	11	08-Apr-13	500	490	8.30	49.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	12	15-Apr-13	500	485	8.21	52.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	13	22-Apr-13	500	475	8.02	54.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	14	29-Apr-13	500	470	7.95	51.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	15	06-May-13	500	470	7.87	55.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	16	13-May-13	500	475	7.91	49.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	17	20-May-13	500	470	7.73	53.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	18	27-May-13	500	480	7.85	42.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	19	03-Jun-13	500	480	7.86	43.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	20	10-Jun-13	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	21	17-Jun-13	500	495	7.91	50.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	22	24-Jun-13	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	23	01-Jul-13	500	465	7.76	42.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	24	08-Jul-13	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	25	15-Jul-13	500	450	7.75	39.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-7	HC-15																
BR03-7	HC-15	350	2.5	<0.5	2.0	1.4			<0.5					2.1	0.0018	0.00004	0.0842
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.5	<0.5	0.9	2.3											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15	199	2.0	<0.5	0.8	2.2			<0.5					2.1	0.0047	0.00003	0.0948
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15		2.1	<0.5	<0.5	1.5											
BR03-7	HC-15																
BR03-7	HC-15																
BR03-7	HC-15																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17	90.0	4.1	<0.5	<0.5	67.0	0.64	0.281	24.9	0.15	0.025			7.4	0.379	0.00220	2.11000
BR02-1	HC-17	130	11.8	<0.5	<0.5	50.6	0.36	0.028	3.2	<0.02	0.009			9.8	0.384	0.00290	3.31000
BR02-1	HC-17	130	4.7	<0.5	<0.5	39.7	0.21	<0.01	1.0	0.07	<0.005			10.5	0.373	0.00140	1.31000
BR02-1	HC-17	130	4.6	<0.5	<0.5	33.0	0.18	<0.01	<0.5	<0.02	<0.005			14.7	0.299	0.00097	0.68900
BR02-1	HC-17	130	3.4	<0.5	<0.5	32.0	0.21	<0.01	0.5	<0.02	<0.005			18.8	0.340	0.00073	0.54900
BR02-1	HC-17	130	2.7	<0.5	<0.5	29.1	0.12	<0.01	<0.5					17.1	0.465	0.00049	0.26100
BR02-1	HC-17	160	2.9	<0.5	<0.5	29.1	0.10	<0.01	0.7					17.6	0.509	0.00043	0.23200
BR02-1	HC-17	140	3.4	<0.5	<0.5	25.9	0.08	<0.01	0.7					16.4	0.558	0.00035	0.18000
BR02-1	HC-17	140	3.3	<0.5	<0.5	25.1	0.06	<0.01	1.1					19.6	0.508	0.00031	0.16100
BR02-1	HC-17	140	3.3	<0.5	<0.5	25.3	0.06	<0.01	<0.5					19.4	0.562	0.00030	0.13400
BR02-1	HC-17	125	4.5	<0.5	<0.5	24.2	<0.05	<0.01	0.8					17.4	0.586	0.00027	0.12100
BR02-1	HC-17	140	3.6	<0.5	<0.5	23.8	0.05	<0.01	0.6					17.0	0.626	0.00024	0.11300
BR02-1	HC-17	140	4.1	<0.5	<0.5	24.2	<0.05	<0.01	0.9					17.1	0.607	0.00022	0.08970
BR02-1	HC-17	150	3.7	<0.5	1.4	23.0	<0.05	<0.01	<0.5					17.3	0.592	0.00022	0.09620
BR02-1	HC-17	140	6.1	<0.5	<0.5	20.7	<0.05	<0.01	0.7					18.2	0.637	0.00022	0.09780
BR02-1	HC-17	130	5.1	<0.5	<0.5	22.5	<0.05	<0.01	<0.5					19.9	0.514	0.00022	0.08240
BR02-1	HC-17	125	5.9	<0.5	<0.5	16.9	<0.05	<0.01	<0.5					18.8	0.518	0.00020	0.09940
BR02-1	HC-17	130	5.4	<0.5	<0.5	20.4	<0.05	<0.01	0.8					19.5	0.544	0.00021	0.11200
BR02-1	HC-17	130	4.1	<0.5	<0.5	15.3	<0.05	<0.01	<0.5					15.2	0.562	0.00017	0.10600
BR02-1	HC-17	140	4.3	<0.5	<0.5	15.8	<0.05	<0.01	0.6					15.8	0.516	0.00017	0.10900
BR02-1	HC-17																
BR02-1	HC-17	135	4.7	<0.5	<0.5	20.1	<0.05	<0.01	<0.5					18.7	0.454	0.00015	0.09090
BR02-1	HC-17																
BR02-1	HC-17	130	4.9	<0.5	<0.5	13.9	<0.05	<0.01	<0.5					15.2	0.266	0.00017	0.10700
BR02-1	HC-17																
BR02-1	HC-17	145	4.3	<0.5	<0.5	12.0	<0.05	<0.01	0.7					12.7	0.308	0.00013	0.11800

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-7	HC-15															
BR03-7	HC-15	0.00080	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.36	<0.0001	0.000076	0.00014	<0.00005	<0.001	0.000021	<0.0005	0.29
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00085	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.34	<0.0001	0.000094	0.00014	<0.00005	0.002	0.000006	<0.0005	0.30
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17	0.00470	<0.00005	0.000040	<0.3	<0.0003	<0.00003	2.30	<0.0005	0.000050	0.00320	0.00080	0.091	0.000710	0.0250	0.40
BR02-1	HC-17	0.00490	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.30	<0.0005	<0.00003	<0.0003	<0.0003	0.076	0.000430	0.0250	0.40
BR02-1	HC-17	0.00230	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.50	<0.0005	<0.00003	0.00080	<0.0003	0.017	0.000240	0.0180	0.40
BR02-1	HC-17	0.00216	<0.00001	0.000009	<0.05	0.00008	<0.000005	4.98	<0.0001	0.000012	0.00034	0.00009	0.010	0.000141	0.0142	0.55
BR02-1	HC-17	0.00256	<0.00001	0.000011	<0.05	0.00007	<0.000005	6.51	0.0002	0.000017	0.00025	0.00015	0.016	0.000213	0.0115	0.61
BR02-1	HC-17	0.00201	<0.00001	0.000023	<0.05	0.00007	<0.000005	5.92	0.0002	0.000012	0.00017	0.00010	0.014	0.000176	0.0084	0.57
BR02-1	HC-17	0.00199	<0.00001	0.000027	<0.05	0.00006	<0.000005	6.13	0.0001	0.000009	0.00041	0.00010	0.014	0.000263	0.0078	0.57
BR02-1	HC-17	0.00167	<0.00001	0.000025	<0.05	0.00006	<0.000005	5.72	0.0002	0.000012	0.00026	0.00009	0.015	0.000225	0.0062	0.51
BR02-1	HC-17	0.00158	<0.00001	0.000017	<0.05	<0.00005	<0.000005	6.92	<0.0001	0.000009	0.00098	0.00011	0.012	0.000300	0.0061	0.56
BR02-1	HC-17	0.00165	<0.00001	0.000022	<0.05	0.00005	<0.000005	6.99	<0.0001	<0.000005	0.00022	0.00007	0.011	0.000231	0.0054	0.46
BR02-1	HC-17	0.00186	<0.00001	0.000026	<0.05	<0.00005	0.000006	6.22	0.0001	0.000007	0.00042	0.00007	0.011	0.000273	0.0048	0.44
BR02-1	HC-17	0.00162	<0.00001	0.000016	<0.05	0.00005	<0.000005	6.16	<0.0001	0.000006	0.00020	0.00008	0.010	0.000346	0.0041	0.40
BR02-1	HC-17	0.00168	<0.00001	0.000030	<0.05	<0.00005	<0.000005	6.16	<0.0001	0.000012	0.00471	0.00008	0.010	0.000377	0.0039	0.42
BR02-1	HC-17	0.00165	<0.00001	0.000030	<0.05	<0.00005	0.000005	6.26	<0.0001	0.000009	0.00031	0.00008	0.011	0.000376	0.0036	0.40
BR02-1	HC-17	0.00185	<0.00001	0.000021	<0.05	<0.00005	0.000005	6.63	<0.0001	0.000005	0.00019	0.00006	0.007	0.000318	0.0039	0.39
BR02-1	HC-17	0.00167	<0.00001	0.000026	<0.05	0.00006	0.000007	7.29	<0.0001	0.000011	0.00021	0.00006	0.006	0.000322	0.0036	0.40
BR02-1	HC-17	0.00232	<0.00001	0.000024	<0.05	<0.00005	0.000008	6.95	<0.0001	0.000008	0.00017	0.00011	0.014	0.000558	0.0031	0.34
BR02-1	HC-17	0.00160	<0.00001	0.000012	<0.05	<0.00005	0.000007	7.24	<0.0001	0.000010	0.00007	<0.00005	0.005	0.000237	0.0036	0.34
BR02-1	HC-17	0.00119	<0.00001	0.000007	<0.05	<0.00005	0.000007	5.67	<0.0001	0.000006	0.00011	<0.00005	0.006	0.000262	0.0025	0.26
BR02-1	HC-17	0.00106	<0.00001	0.000017	<0.05	<0.00005	0.000005	5.88	<0.0001	0.000008	0.00012	<0.00005	0.004	0.000187	0.0023	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.00144	<0.00001	0.000012	<0.05	<0.00005	0.000006	6.99	0.0004	0.000028	0.00150	0.00006	0.079	0.000329	0.0022	0.31
BR02-1	HC-17															
BR02-1	HC-17	0.00129	<0.00001	0.000009	<0.05	<0.00005	0.000006	5.67	0.0001	0.000005	0.00010	<0.00005	0.004	0.000194	0.0018	0.25
BR02-1	HC-17															
BR02-1	HC-17	0.00128	<0.00001	0.000016	<0.05	<0.00005	0.000008	4.73	0.0001	0.000016	0.00014	0.00005	0.008	0.000341	0.0017	0.22

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-7	HC-15															
BR03-7	HC-15	0.00379	<0.00001	0.007	0.00006	0.00024	1.18	0.00347	0.00013	1.8	<0.000005	0.15	0.00167	<10	<0.00002	0.000004
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	0.00602	<0.00001	0.006	0.00007	0.00036	1.25	0.00353	0.00012	1.8	<0.000005	0.15	0.00142	<10	<0.00002	0.000005
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17	0.00340	0.00080	0.300	0.00170	0.00060	18.70	0.02050	0.00150	11.5	<0.00003	40.00	0.01740	<50	0.00010	<0.00001
BR02-1	HC-17	0.00320	<0.00005	0.050	0.00460	0.00030	15.50	0.01800	0.00070	5.7	<0.00003	17.60	0.01800	<50	<0.0001	<0.00001
BR02-1	HC-17	0.00260	<0.00005	0.030	0.00230	0.00030	12.10	0.01300	0.00030	4.3	<0.00003	9.20	0.01720	<50	<0.0001	<0.00001
BR02-1	HC-17	0.00386	<0.00001	0.028	0.00119	0.00016	9.20	0.01020	0.00037	3.8	<0.000005	5.65	0.02090	<10	0.00005	0.000002
BR02-1	HC-17	0.00417	<0.00001	0.018	0.00058	0.00016	7.50	0.00957	0.00031	4.9	<0.000005	3.99	0.02120	<10	0.00003	0.000004
BR02-1	HC-17	0.00360	<0.00001	0.009	0.00070	0.00008	6.11	0.00782	0.00028	3.3	<0.000005	2.84	0.02070	<10	0.00002	0.000003
BR02-1	HC-17	0.00388	0.00001	0.013	0.00039	0.00010	5.47	0.00719	0.00037	3.1	<0.000005	2.55	0.02050	<10	0.00007	0.000003
BR02-1	HC-17	0.00369	<0.00001	0.017	0.00041	0.00023	4.39	0.00636	0.00033	2.8	<0.000005	2.06	0.01820	<10	0.00004	0.000004
BR02-1	HC-17	0.00446	<0.00001	0.004	0.00047	0.00017	4.26	0.00562	0.00033	3.3	<0.000005	1.94	0.01930	<10	0.00004	0.000003
BR02-1	HC-17	0.00411	<0.00001	0.009	0.00087	0.00007	4.07	0.00599	0.00028	3.3	<0.000005	1.59	0.01920	<10	0.00004	0.000003
BR02-1	HC-17	0.00445	<0.00001	0.007	0.00036	0.00009	3.46	0.00494	0.00028	2.7	<0.000005	1.52	0.01770	<10	0.00005	0.000003
BR02-1	HC-17	0.00374	<0.00001	0.004	0.00026	0.00004	3.14	0.00443	0.00033	3.0	<0.000005	1.31	0.01640	<10	0.00003	0.000005
BR02-1	HC-17	0.00403	<0.00001	0.004	0.00038	0.00010	3.14	0.00477	0.00032	2.4	0.000005	1.26	0.01790	<10	0.00006	0.000004
BR02-1	HC-17	0.00414	<0.00001	0.004	0.00028	0.00006	2.98	0.00491	0.00037	2.6	0.000010	1.23	0.01730	<10	0.00004	0.000006
BR02-1	HC-17	0.00419	<0.00001	0.004	0.00037	0.00023	2.98	0.00477	0.00049	2.9	<0.000005	1.24	0.01770	<10	0.00006	0.000004
BR02-1	HC-17	0.00398	<0.00001	0.003	0.00040	0.00009	2.90	0.00466	0.00032	2.6	<0.000005	1.06	0.01830	<10	0.00005	0.000010
BR02-1	HC-17	0.00465	<0.00001	0.004	0.00025	0.00004	2.48	0.00421	0.00038	3.0	<0.000005	0.98	0.01680	<10	0.00002	0.000004
BR02-1	HC-17	0.00430	<0.00001	<0.002	0.00040	0.00019	2.68	0.00478	0.00021	2.9	0.000005	1.00	0.01770	<10	0.00004	0.000006
BR02-1	HC-17	0.00261	<0.00001	0.002	0.00028	0.00010	2.10	0.00354	0.00040	2.8	<0.000005	0.82	0.01290	<10	0.00003	0.000006
BR02-1	HC-17	0.00285	<0.00001	0.003	0.00027	0.00024	2.06	0.00353	0.00024	2.7	<0.000005	0.80	0.01300	<10	0.00004	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00392	0.00002	0.022	0.00032	0.00855	2.07	0.00379	0.00027	2.8	<0.000005	0.86	0.01510	<10	0.00004	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.00404	<0.00001	0.002	0.00035	0.00012	1.61	0.00319	0.00017	2.4	<0.000005	0.67	0.01270	<10	0.00002	0.000002
BR02-1	HC-17															
BR02-1	HC-17	0.00391	<0.00001	0.008	0.00031	0.00028	1.46	0.00284	0.00013	2.3	0.000007	0.65	0.01040	<10	0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00005	0.000009	0.0003	0.0002	<0.0001	<0.002				0.0800	0.0790	0.63
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15	<0.00005	<0.0002	<0.0005	0.00006	<0.000002	0.0004	0.0002	<0.0001	<0.002				0.0850	0.0810	2.41
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															
BR03-7	HC-15															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17	0.000030	0.0002	<0.003	0.05200	0.008250	0.0030	0.0011	0.0008	0.007				2.16	2.41	-5.51
BR02-1	HC-17	<0.00003	0.0001	<0.003	0.00695	0.024800	0.0010	0.0009	<0.0005	<0.002				1.37	1.40	-1.30
BR02-1	HC-17	<0.00003	0.0003	<0.003	0.00209	0.019700	<0.001	0.0022	<0.0005	<0.002				0.93	0.96	-1.38
BR02-1	HC-17	<0.000005	0.0001	<0.0005	0.00189	0.019100	0.0005	0.0006	<0.0001	<0.002				0.77	0.81	-2.80
BR02-1	HC-17	0.000005	0.0001	<0.0005	0.00123	0.011600	0.0005	0.0006	<0.0001	<0.002				0.74	0.78	-2.84
BR02-1	HC-17	0.000005	0.0001	<0.0005	0.00089	0.010600	0.0004	0.0004	<0.0001	<0.002				0.65	0.67	-2.12
BR02-1	HC-17	0.000006	0.0002	0.0006	0.00095	0.007780	0.0004	0.0007	<0.0001	0.002				0.67	0.66	0.45
BR02-1	HC-17	0.000009	0.0002	<0.0005	0.00077	0.005570	0.0005	0.0006	<0.0001	<0.002				0.62	0.59	1.91
BR02-1	HC-17	<0.000005	0.0002	<0.0005	0.00070	0.005620	0.0003	0.0017	<0.0001	<0.002				0.60	0.64	-3.13
BR02-1	HC-17	0.000035	0.0001	<0.0005	0.00071	0.004220	0.0006	0.0006	<0.0001	0.006				0.58	0.62	-3.75
BR02-1	HC-17	<0.000005	0.0001	<0.0005	0.00069	0.003750	0.0004	0.0008	<0.0001	<0.002				0.60	0.57	2.91
BR02-1	HC-17	0.000007	0.0002	<0.0005	0.00060	0.002720	0.0002	0.0009	<0.0001	<0.002				0.57	0.55	2.06
BR02-1	HC-17	0.000007	0.0002	<0.0005	0.00061	0.003440	0.0003	0.0007	<0.0001	<0.002				0.59	0.55	4.21
BR02-1	HC-17	0.000006	0.0001	<0.0005	0.00064	0.002330	0.0003	0.0005	0.0002	<0.002				0.54	0.54	-0.37
BR02-1	HC-17	0.000005	0.0000	<0.0005	0.00064	0.001990	0.0003	0.0005	<0.0001	<0.002				0.56	0.56	-0.36
BR02-1	HC-17	0.000017	0.0000	<0.0005	0.00060	0.002100	<0.0002	0.0005	<0.0001	<0.002				0.56	0.58	-1.50
BR02-1	HC-17	0.000005	<0.00001	<0.0005	0.00048	0.001460	<0.0002	0.0009	0.0003	<0.002				0.46	0.54	-7.69
BR02-1	HC-17	0.000005	<0.0002	<0.0005	0.00057	0.001660	0.0004	0.0005	<0.0001	<0.002				0.54	0.56	-1.72
BR02-1	HC-17	0.000005	<0.0002	<0.0005	0.00055	0.001060	<0.0002	0.0004	<0.0001	<0.002				0.39	0.46	-7.80
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00048	0.001050	0.0006	0.0004	<0.0001	<0.002				0.42	0.46	-4.31
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	0.0013	<0.0005	0.00048	0.001030	<0.0002	0.0009	<0.0001	<0.002				0.50	0.52	-1.87
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	0.0006	<0.0005	0.00041	0.001010	<0.0002	0.0005	<0.0001	<0.002				0.38	0.40	-2.81
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00035	0.000720	<0.0002	0.0009	<0.0001	<0.002				0.35	0.35	-0.57

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	26	22-Jul-13	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	27	29-Jul-13	500	460	7.87	39.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	28	05-Aug-13	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	29	12-Aug-13	500	500	7.88	32.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	30	19-Aug-13	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	31	26-Aug-13	500	470	7.72	37.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	32	02-Sep-13	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	33	09-Sep-13	500	475	7.90	31.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	34	16-Sep-13	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	35	23-Sep-13	500	465	7.81	35.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	36	30-Sep-13	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	37	07-Oct-13	500	450	7.62	34.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	38	14-Oct-13	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	39	21-Oct-13	500	465	7.55	29.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	40	28-Oct-13	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	41	04-Nov-13	500	455	7.58	32.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	42	11-Nov-13	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	43	18-Nov-13	500	475	7.59	31.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	44	25-Nov-13	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	45	02-Dec-13	500	480	7.56	35.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	46	09-Dec-13	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	47	16-Dec-13	500	450	7.61	33.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	48	23-Dec-13	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	49	30-Dec-13	500	480	7.56	32.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	50	06-Jan-14	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	51	13-Jan-14	500	470	7.39	33.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	52	20-Jan-14	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	53	27-Jan-14	500	465	7.31	32.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	54	03-Feb-14	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	55	10-Feb-14	500	465	7.65	32.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	56	17-Feb-14	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	57	24-Feb-14	500	475	7.22	30.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	58	03-Mar-14	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	59	10-Mar-14	500	465	7.23	28.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	60	17-Mar-14	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	61	24-Mar-14	500	460	7.26	31.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	62	31-Mar-14	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	63	07-Apr-14	500	470	7.20	28.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	64	14-Apr-14	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	65	21-Apr-14	500	480	7.24	28.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	66	28-Apr-14	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	67	05-May-14	500	465	7.10	29.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	68	12-May-14	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	69	19-May-14	500	465	7.16	35.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	70	26-May-14	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	71	02-Jun-14	500	450	6.89	33.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	72	09-Jun-14	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	73	16-Jun-14	500	465	7.07	29.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	74	23-Jun-14	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	75	30-Jun-14	500	480	7.12	31.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	76	07-Jul-14	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17																
BR02-1	HC-17	130	4.3	<0.5	<0.5	13.2	<0.05	<0.01	<0.5					14.3	0.457	0.00014	0.12500
BR02-1	HC-17																
BR02-1	HC-17	130	3.2	<0.5	0.6	10.9	<0.05	<0.01	<0.5					11.1	0.439	0.00011	0.09850
BR02-1	HC-17																
BR02-1	HC-17	130	5.3	<0.5	<0.5	12.9	<0.05	<0.01	<0.5					13.3	0.301	0.00012	0.12700
BR02-1	HC-17																
BR02-1	HC-17	150	3.2	<0.5	<0.5	8.4	<0.05	<0.01	<0.5					11.2	0.445	0.00010	0.10400
BR02-1	HC-17																
BR02-1	HC-17	145	4.7	<0.5	<0.5	11.2	<0.05	<0.01	<0.5					12.5	0.444	0.00011	0.12600
BR02-1	HC-17																
BR02-1	HC-17	140	5.7	<0.5	<0.5	9.0	<0.05	<0.01	<0.5					13.3	0.381	0.00012	0.13800
BR02-1	HC-17																
BR02-1	HC-17	140	5.6	<0.5	<0.5	6.8	<0.05	<0.01	<0.5					10.8	0.370	0.00011	0.14100
BR02-1	HC-17																
BR02-1	HC-17	130	6.0	<0.5	<0.5	7.8	<0.05	<0.01	<0.5					13.0	0.340	0.00014	0.15300
BR02-1	HC-17																
BR02-1	HC-17	140	6.0	<0.5	<0.5	7.2	<0.05	<0.01	<0.5					10.8	0.323	0.00013	0.12400
BR02-1	HC-17																
BR02-1	HC-17	160	7.0	<0.5	<0.5	8.1	<0.05	<0.01	<0.5					12.1	0.362	0.00013	0.14100
BR02-1	HC-17																
BR02-1	HC-17	150	8.9	<0.5	<0.5	4.1	<0.05	<0.01	0.7					12.1	0.138	0.00013	0.14700
BR02-1	HC-17																
BR02-1	HC-17	160	8.4	<0.5	0.8	6.3	<0.05	<0.01	<0.5					11.0	0.261	0.00013	0.17200
BR02-1	HC-17																
BR02-1	HC-17	155	7.1	<0.5	0.5	4.7	<0.05	<0.01	<0.5					10.9	0.123	0.00013	0.18900
BR02-1	HC-17																
BR02-1	HC-17	160	6.4	<0.5	<0.5	6.2	0.05	<0.01	<0.5					10.5	0.0891	0.00013	0.16200
BR02-1	HC-17																
BR02-1	HC-17	145	7.7	<0.5	<0.5	5.9	<0.05	<0.01	0.8					11.0	0.134	0.00013	0.15400
BR02-1	HC-17																
BR02-1	HC-17	160	7.4	<0.5	0.5	5.3	<0.05	<0.01	<0.5					10.1	0.106	0.00013	0.15300
BR02-1	HC-17																
BR02-1	HC-17	170	7.1	<0.5	<0.5	5.0	<0.05	<0.01	<0.5					9.8	0.078	0.00012	0.13600
BR02-1	HC-17																
BR02-1	HC-17	160	6.4	<0.5	1.2	3.8	<0.05	<0.01	<0.5					9.0	0.147	0.00012	0.13700
BR02-1	HC-17																
BR02-1	HC-17	160	6.6	<0.5	<0.5	3.8	<0.05	<0.01	0.5					8.8	0.120	0.00012	0.12800
BR02-1	HC-17																
BR02-1	HC-17	160	7.3	<0.5	<0.5	3.5	<0.05	<0.01	<0.5					8.6	0.121	0.00012	0.10300
BR02-1	HC-17																
BR02-1	HC-17	160	7.4	<0.5	<0.5	3.3	<0.05	<0.01	<0.5					9.5	0.106	0.00011	0.10200
BR02-1	HC-17																
BR02-1	HC-17	145	11.4	<0.5	1.1	3.3	0.06	<0.01	<0.5					10.3	0.114	0.00011	0.09420
BR02-1	HC-17																
BR02-1	HC-17	150	8.6	<0.5	0.5	2.9	0.06	<0.01	<0.5					9.9	0.105	0.00011	0.09340
BR02-1	HC-17																
BR02-1	HC-17	145	7.4	<0.5	<0.5	2.7	0.05	<0.01	<0.5					9.1	0.106	0.00010	0.0833
BR02-1	HC-17																
BR02-1	HC-17	160	6.5	<0.5	<0.5	3.0	0.05	<0.01	0.6					9.5	0.0999	0.00013	0.0816
BR02-1	HC-17																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17															
BR02-1	HC-17	0.00121	<0.00001	0.000013	<0.05	<0.00005	0.000006	5.31	0.0001	0.000011	0.00911	<0.00005	0.007	0.000191	0.0017	0.24
BR02-1	HC-17															
BR02-1	HC-17	0.00089	<0.00001	0.000013	<0.05	<0.00005	0.000005	4.16	<0.0001	0.000005	0.00010	<0.00005	0.003	0.000177	0.0013	0.18
BR02-1	HC-17															
BR02-1	HC-17	0.00315	<0.00001	0.000011	<0.05	<0.00005	0.000006	4.96	<0.0001	0.000013	0.00005	<0.00005	0.002	0.000164	0.0018	0.23
BR02-1	HC-17															
BR02-1	HC-17	0.00096	<0.00001	0.000008	<0.05	<0.00005	0.000006	4.19	<0.0001	0.000005	0.00011	<0.00005	0.002	0.000140	0.0012	0.17
BR02-1	HC-17															
BR02-1	HC-17	0.00092	<0.00001	0.000014	<0.05	<0.00005	<0.000005	4.64	<0.0001	<0.000005	0.00009	<0.00005	0.002	0.000115	0.0012	0.21
BR02-1	HC-17															
BR02-1	HC-17	0.00114	<0.00001	0.000008	<0.05	<0.00005	0.000006	4.95	<0.0001	<0.000005	0.00008	<0.00005	0.005	0.000210	0.0011	0.23
BR02-1	HC-17															
BR02-1	HC-17	0.00094	<0.00001	<0.000005	<0.05	<0.00005	0.000005	3.96	<0.0001	0.000008	0.00012	<0.00005	0.002	0.000076	0.0013	0.21
BR02-1	HC-17															
BR02-1	HC-17	0.00100	<0.00001	<0.000005	<0.05	<0.00005	0.000006	4.81	<0.0001	<0.000005	0.00019	<0.00005	0.003	0.000057	0.0010	0.24
BR02-1	HC-17															
BR02-1	HC-17	0.00099	<0.00001	0.000005	<0.05	<0.00005	0.000005	4.00	<0.0001	0.000021	0.00028	<0.00005	0.004	0.000098	0.0012	0.19
BR02-1	HC-17															
BR02-1	HC-17	0.00092	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	4.47	<0.0001	<0.000005	0.00010	<0.00005	0.001	0.000060	0.0010	0.22
BR02-1	HC-17															
BR02-1	HC-17	0.00112	<0.00001	<0.000005	<0.05	<0.00005	0.000007	4.44	<0.0001	0.000027	0.00034	<0.00005	<0.001	0.000017	0.0011	0.24
BR02-1	HC-17															
BR02-1	HC-17	0.00100	<0.00001	<0.000005	<0.05	<0.00005	0.000007	4.01	<0.0001	0.000005	0.00012	<0.00005	0.002	0.000054	0.0008	0.23
BR02-1	HC-17															
BR02-1	HC-17	0.00105	<0.00001	<0.000005	<0.05	<0.00005	0.000006	3.94	<0.0001	0.000005	0.00008	<0.00005	0.001	0.000022	0.0008	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.00099	<0.00001	<0.000005	<0.05	<0.00005	0.000007	3.79	<0.0001	<0.000005	0.00005	<0.00005	<0.001	0.000011	0.0006	0.25
BR02-1	HC-17															
BR02-1	HC-17	0.00112	<0.00001	<0.000005	<0.05	<0.00005	0.000010	3.97	<0.0001	0.000010	0.00008	<0.00005	<0.001	0.000034	<0.0005	0.27
BR02-1	HC-17															
BR02-1	HC-17	0.00095	<0.00001	<0.000005	<0.05	<0.00005	0.000006	3.60	<0.0001	<0.000005	0.00005	<0.00005	<0.001	0.000010	0.0008	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.00107	<0.00001	<0.000005	<0.05	<0.00005	0.000021	3.48	<0.0001	<0.000005	0.00012	<0.00005	<0.001	0.000015	0.0007	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.00093	<0.00001	<0.000005	<0.05	<0.00005	0.000009	3.18	<0.0001	<0.000005	<0.00005	<0.00005	<0.001	0.000007	0.0006	0.25
BR02-1	HC-17															
BR02-1	HC-17	0.00091	<0.00001	<0.000005	<0.05	<0.00005	0.000011	3.11	<0.0001	0.000013	0.00009	<0.00005	0.003	0.000009	0.0005	0.25
BR02-1	HC-17															
BR02-1	HC-17	0.00096	<0.00001	<0.000005	<0.05	<0.00005	0.000014	3.01	<0.0001	0.000013	0.00011	<0.00005	0.002	0.000030	0.0007	0.27
BR02-1	HC-17															
BR02-1	HC-17	0.00108	<0.00001	<0.000005	<0.05	<0.00005	0.000023	3.33	<0.0001	0.000016	0.00024	<0.00005	0.009	0.000012	0.0008	0.28
BR02-1	HC-17															
BR02-1	HC-17	0.00121	<0.00001	<0.000005	<0.05	<0.00005	0.000025	3.61	<0.0001	0.000017	0.00041	<0.00005	0.015	0.000024	0.0007	0.31
BR02-1	HC-17															
BR02-1	HC-17	0.00140	<0.00001	<0.000005	<0.05	<0.00005	0.000030	3.45	<0.0001	0.000018	0.00005	<0.00005	0.024	0.000007	0.0006	0.31
BR02-1	HC-17															
BR02-1	HC-17	0.00132	<0.00001	<0.000005	<0.05	<0.00005	0.000031	3.22	<0.0001	0.000030	0.00008	<0.00005	0.039	0.000017	0.0006	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.00128	<0.00001	<0.000005	<0.05	<0.00005	0.000035	3.25	<0.0001	0.000019	0.00006	<0.00005	0.043	0.000007	0.0008	0.32
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17															
BR02-1	HC-17	0.00271	<0.00001	0.004	0.00037	0.00010	1.75	0.00312	0.00021	3.0	0.000007	0.75	0.01150	<10	0.00004	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.00197	<0.00001	0.003	0.00024	0.00003	1.31	0.00269	0.00015	2.5	0.000008	0.57	0.00882	<10	0.00003	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.00284	<0.00001	<0.002	0.00031	0.00013	1.29	0.00286	0.00019	2.7	<0.000005	0.62	0.01110	<10	0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.00157	<0.00001	0.008	0.00020	0.00013	1.23	0.00256	0.00016	2.8	<0.000005	0.58	0.00859	<10	0.00003	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00194	<0.00001	0.008	0.00032	0.00014	1.31	0.00255	0.00019	2.9	<0.000005	0.61	0.00990	<10	0.00003	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.00219	<0.00001	0.005	0.00027	0.00016	1.36	0.00276	0.00013	3.2	<0.000005	0.62	0.01070	<10	0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.00210	<0.00001	0.004	0.00028	0.00013	1.30	0.00250	0.00012	2.6	<0.000005	0.57	0.00843	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00279	<0.00001	0.003	0.00034	0.00012	1.29	0.00230	0.00012	3.0	<0.000005	0.57	0.00964	<10	0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.00219	<0.00001	0.008	0.00025	0.00047	1.16	0.00246	0.00009	2.6	<0.000005	0.48	0.00823	<10	<0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.00233	<0.00001	0.009	0.00029	0.00007	1.23	0.00265	0.00012	3.0	<0.000005	0.53	0.00936	<10	<0.00002	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.00432	<0.00001	0.007	0.00036	0.00009	1.18	0.00271	0.00016	2.8	<0.000005	0.55	0.00990	<10	<0.00002	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.00416	<0.00001	<0.002	0.00036	0.00010	1.17	0.00245	0.00006	2.8	<0.000005	0.54	0.00855	<10	0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.00428	<0.00001	0.018	0.00035	0.00019	1.16	0.00242	0.00009	3.1	<0.000005	0.57	0.00879	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00519	<0.00001	0.003	0.00037	0.00008	1.17	0.00245	0.00006	3.1	<0.000005	0.54	0.00867	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00648	<0.00001	0.006	0.00037	0.00024	1.03	0.00242	0.00006	2.6	<0.000005	0.51	0.00904	<10	<0.00002	0.000006
BR02-1	HC-17															
BR02-1	HC-17	0.00572	<0.00001	0.007	0.00038	0.00023	1.09	0.00238	0.00006	3.4	0.000007	0.52	0.00816	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00715	<0.00001	0.004	0.00031	0.00009	1.06	0.00227	<0.00004	2.9	<0.000005	0.48	0.00794	<10	<0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.00608	<0.00001	0.006	0.00027	0.00007	0.98	0.00223	0.00006	2.9	<0.000005	0.47	0.00759	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.00767	<0.00001	<0.002	0.00030	0.00009	0.95	0.00217	0.00005	2.8	<0.000005	0.47	0.00747	<10	<0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17	0.01210	<0.00001	0.005	0.00028	0.00017	0.94	0.00232	0.00004	2.5	<0.000005	0.48	0.00776	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.01410	<0.00001	0.002	0.00027	0.00009	0.98	0.00234	0.00006	2.7	<0.000005	0.53	0.00820	<10	<0.00002	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.01320	<0.00001	0.005	0.00034	0.00024	1.06	0.00261	0.00013	3.1	<0.000005	0.56	0.00966	<10	<0.00002	0.000005
BR02-1	HC-17															
BR02-1	HC-17	0.01470	<0.00001	0.004	0.00035	0.00013	1.08	0.00260	0.00004	3.0	<0.000005	0.55	0.00984	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.0145	<0.00001	<0.002	0.00020	0.00008	0.87	0.00231	0.00006	2.8	<0.000005	0.46	0.00868	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17	0.0163	<0.00001	0.005	0.00018	0.00007	1.10	0.00241	0.00004	3.0	0.000023	0.57	0.00878	<10	<0.00002	0.000006
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00034	0.000668	<0.0002	0.0004	<0.0001	<0.002				0.35	0.41	-7.95
BR02-1	HC-17															
BR02-1	HC-17	0.000005	<0.0002	<0.0005	0.00030	0.000399	<0.0002	0.0017	<0.0001	<0.002				0.28	0.33	-7.49
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00035	0.000598	<0.0002	0.0012	<0.0001	<0.002				0.37	0.36	1.10
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	0.0006	<0.0005	0.00045	0.000397	<0.0002	0.0005	<0.0001	<0.002				0.23	0.33	-17.00
BR02-1	HC-17															
BR02-1	HC-17	0.000010	<0.0002	<0.0005	0.00032	0.000443	<0.0002	0.0002	<0.0001	<0.002				0.32	0.36	-5.29
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00030	0.000300	<0.0002	0.0006	<0.0001	<0.002				0.30	0.37	-10.80
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00024	0.000218	<0.0002	0.0003	<0.0001	<0.002				0.25	0.31	-10.60
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00027	0.000200	<0.0002	0.0010	<0.0001	<0.002				0.28	0.36	-11.60
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00018	0.000169	<0.0002	0.0010	<0.0001	<0.002				0.27	0.30	-5.78
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00020	0.000177	<0.0002	0.0002	<0.0001	<0.002				0.31	0.34	-4.35
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00020	0.000141	<0.0002	0.0002	<0.0001	<0.002				0.29	0.31	-4.36
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00017	0.000123	<0.0002	0.0003	<0.0001	<0.002				0.30	0.30	0.00
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00019	0.000137	<0.0002	0.0006	<0.0001	<0.002				0.24	0.29	-8.33
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00016	0.000107	0.0002	0.0014	<0.0001	<0.002				0.39	0.27	17.00
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00015	0.000136	<0.0002	0.0004	<0.0001	<0.002				0.44	0.28	21.60
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00014	0.000093	<0.0002	0.0003	<0.0001	<0.002				0.26	0.26	-0.76
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00013	0.000066	<0.0002	0.0005	<0.0001	<0.002				0.25	0.25	-1.00
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00010	0.000071	<0.0002	0.0002	<0.0001	<0.002				0.21	0.24	-6.87
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00011	0.000059	<0.0002	0.0006	<0.0001	<0.002				0.23	0.23	-1.30
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	0.0007	0.00008	0.000057	<0.0002	0.0018	<0.0001	<0.002				0.22	0.23	-1.99
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00008	0.000063	<0.0002	0.0011	<0.0001	<0.002				0.22	0.25	-6.16
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00008	0.000061	<0.0002	0.0012	<0.0001	<0.002				0.31	0.27	5.90
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00008	0.000048	<0.0002	0.0013	<0.0001	<0.002				0.24	0.26	-4.38
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00008	0.000040	<0.0002	0.0015	<0.0001	<0.002				0.210	0.238	-6.25
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00007	0.000035	<0.0002	0.0018	<0.0001	<0.002				0.216	0.255	-8.28
BR02-1	HC-17															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	77	14-Jul-14	500	450	7.00	28.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	78	21-Jul-14	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	79	28-Jul-14	500	465	7.08	27.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	80	04-Aug-14	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	81	11-Aug-14	500	460	7.02	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	82	18-Aug-14	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	83	25-Aug-14	500	460	6.90	31.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	84	01-Sep-14	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	85	08-Sep-14	500	480	6.95	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	86	15-Sep-14	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	87	22-Sep-14	500	470	6.82	30.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	88	29-Sep-14	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	89	06-Oct-14	500	460	6.88	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	90	13-Oct-14	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	91	20-Oct-14	500	485	6.68	31.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	92	27-Oct-14	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	93	03-Nov-14	500	470	6.66	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	94	10-Nov-14	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	95	17-Nov-14	500	475	6.57	46
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	96	24-Nov-14	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	97	01-Dec-14	500	495	6.52	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	98	08-Dec-14	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	99	15-Dec-14	500	490	6.26	66
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	100	22-Dec-14	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	101	29-Dec-14	500	450	6.29	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	102	05-Jan-15	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	103	12-Jan-15	500	480	6.23	75
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	104	19-Jan-15	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	105	26-Jan-15	500	485	5.84	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	106	02-Feb-15	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	107	09-Feb-15	500	480	5.76	92
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	108	16-Feb-15	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	109	23-Feb-15	500	490	5.72	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	110	02-Mar-15	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	111	09-Mar-15	500	495	5.68	87
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	112	16-Mar-15	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	113	23-Mar-15	500	500	5.31	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	114	30-Mar-15	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	115	06-Apr-15	500	490	5.21	82
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	116	13-Apr-15	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	117	20-Apr-15	500	495	5.10	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	118	27-Apr-15	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	119	04-May-15	500	500	5.10	98
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	120	11-May-15	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	121	18-May-15	500	445	4.84	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	122	25-May-15	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	123	01-Jun-15	500	470	4.96	96
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	124	08-Jun-15	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	125	15-Jun-15	500	485	5.01	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	126	22-Jun-15	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	127	29-Jun-15	500	475	4.84	97

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17	155	7.9	<0.5	<0.5	3.3	<0.05	<0.01	<0.5					9.8	0.0975	0.00010	0.0873
BR02-1	HC-17																
BR02-1	HC-17	145	7.9	<0.5	<0.5	2.7	<0.05	<0.01	<0.5					8.8	0.0693	0.00010	0.0769
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	120	7.8	<0.5	2.0	1.9			<0.5					9.4	0.0565	0.00011	0.0769
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	150	8.5	<0.5	0.5	2.4			<0.5					10.1	0.0428	0.00009	0.0713
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	145	9.0	<0.5	1.6	1.1			<0.5					8.9	0.0203	0.00007	0.0618
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	160	15.0	<0.5	1.4	1.5			<0.5					12.9	0.0157	0.00010	0.0414
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	170	21.6	<0.5	3.2	<0.5			1.1					19.5	0.0065	0.00007	0.0211
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	130	26.2	<0.5	9.5	1.0			<0.5					18.3	0.0091	0.00008	0.0179
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	160	34.0	<0.5	19.6	<0.5			<0.5					16.3	0.0337	0.00005	0.00825
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	110	32.3	<0.5	23.6	<0.5			<0.5					10.0	0.0703	0.00003	0.00839
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	160	30.4	<0.5	28.0	<0.5			<0.5					6.3	0.0841	0.00003	0.00770
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	175	36.3	<0.5	34.4	0.9			<0.5					5.5	0.120	0.00003	0.00959
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	160	37.3	<0.5	34.9	<0.5			0.5					5.1	0.150	0.00004	0.0129
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	170	37.8	<0.5	33.7	<0.5			<0.5					4.9	0.261	0.00005	0.0227

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17	0.00138	<0.00001	<0.000005	<0.05	<0.00005	0.000044	3.39	<0.0001	0.000019	0.00013	<0.00005	0.054	0.000010	0.0006	0.31
BR02-1	HC-17															
BR02-1	HC-17	0.00127	<0.00001	<0.000005	<0.05	<0.00005	0.000023	3.04	<0.0001	0.000029	0.00010	<0.00005	0.016	0.000013	<0.0005	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.00164	<0.00001	<0.000005	<0.05	<0.00005	0.000039	3.16	<0.0001	0.000014	<0.00005	0.00008	0.054	0.000010	0.0006	0.36
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.00224	<0.00001	<0.000005	<0.05	<0.00005	0.000059	3.41	<0.0001	0.000047	0.00020	<0.00005	0.115	0.000007	0.0008	0.38
BR02-1	HC-17															
BR02-1	HC-17	0.00200	<0.00001	<0.000005	<0.05	<0.00005	0.000057	3.00	<0.0001	0.000037	<0.00005	0.00021	0.110	0.000008	0.0006	0.34
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.00302	<0.00001	<0.000005	<0.05	<0.00005	0.000147	4.34	<0.0001	0.000152	0.00010	0.00046	0.418	0.000019	0.0011	0.49
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.00794	0.00001	<0.000005	<0.05	<0.00005	0.000299	6.55	<0.0001	0.000249	0.00011	0.00410	1.13	0.000068	0.0011	0.77
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.00955	0.00001	<0.000005	<0.05	0.00006	0.000475	6.15	<0.0001	0.000495	0.00021	0.00867	3.54	0.000037	0.0024	0.72
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0169	0.00002	<0.000005	<0.05	0.00006	0.000632	5.39	<0.0001	0.000883	0.00028	0.0196	8.62	0.000168	0.0029	0.68
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0220	0.00003	<0.000005	<0.05	0.00006	0.000546	3.25	<0.0001	0.00104	0.00039	0.0321	10.6	0.000438	0.0030	0.45
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0234	0.00004	<0.000005	<0.05	0.00006	0.000355	2.01	<0.0001	0.000835	0.00074	0.0426	11.7	0.000531	0.0028	0.31
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0297	0.00007	<0.000005	<0.05	0.00006	0.000491	1.77	<0.0001	0.00110	0.00084	0.0686	16.7	0.000839	0.0030	0.25
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0327	0.00008	<0.000005	<0.05	0.00005	0.000431	1.58	<0.0001	0.00110	0.00071	0.0851	15.2	0.000993	0.0025	0.29
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0404	0.00016	<0.000005	<0.05	0.00005	0.000521	1.54	<0.0001	0.00129	0.00047	0.130	17.2	0.00129	0.0034	0.26

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17	0.0173	<0.00001	0.005	0.00019	0.00010	1.03	0.00247	0.00005	3.4	<0.000005	0.54	0.00904	<10	<0.00002	0.000002
BR02-1	HC-17															
BR02-1	HC-17	0.0139	<0.00001	0.004	0.00017	0.00007	0.94	0.00230	0.00005	3.1	<0.000005	0.50	0.00842	<10	<0.00002	0.000003
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0161	<0.00001	<0.002	0.00018	0.00017	0.99	0.00248	<0.00004	3.1	<0.000005	0.56	0.00939	<10	<0.00002	0.000004
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0228	<0.00001	0.003	0.00014	0.00012	1.11	0.00251	0.00006	3.3	<0.000005	0.59	0.0109	<10	<0.00002	0.000007
BR02-1	HC-17															
BR02-1	HC-17	0.0329	<0.00001	<0.002	0.00008	0.00013	0.94	0.00246	0.00004	2.7	<0.000005	0.53	0.0122	<10	<0.00002	0.000005
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0731	<0.00001	<0.002	0.00011	0.00091	1.26	0.00312	0.00007	2.7	<0.000005	0.60	0.0197	<10	<0.00002	0.000007
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.210	<0.00001	0.010	0.00005	0.00034	1.44	0.00376	0.00013	2.9	<0.000005	0.71	0.0378	<10	<0.00002	0.000009
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.375	<0.00001	<0.002	0.00006	0.00059	1.97	0.00532	0.00011	4.1	<0.000005	0.89	0.0508	<10	<0.00002	0.000010
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.506	<0.00001	0.004	0.00007	0.00113	2.33	0.00606	0.00014	4.5	<0.000005	0.94	0.0673	11	<0.00002	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.295	<0.00001	0.008	<0.00005	0.00095	1.98	0.00578	0.00011	4.8	<0.000005	0.78	0.0562	11	<0.00002	0.000009
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.123	<0.00001	0.006	<0.00005	0.00081	1.44	0.00465	0.00008	4.1	0.000009	0.73	0.0311	<10	<0.00002	0.000013
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0821	<0.00001	<0.002	<0.00005	0.00108	1.43	0.00525	0.00011	4.7	<0.000005	0.64	0.0269	12	<0.00002	0.000009
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0696	<0.00001	0.004	<0.00005	0.00118	1.52	0.00558	0.00013	4.3	0.000009	0.78	0.0220	13	<0.00002	0.000013
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0569	<0.00001	0.008	<0.00005	0.00144	1.48	0.00574	0.00013	5.0	0.000009	0.78	0.0180	12	0.00002	0.000010

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00009	0.000035	<0.0002	0.0033	<0.0001	<0.002				0.232	0.258	-5.31
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00006	0.000024	<0.0002	0.0008	<0.0001	<0.002				0.219	0.231	-2.67
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00008	0.000023	<0.0002	0.0015	<0.0001	<0.002				0.200	0.246	-10.3
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.000005	<0.0002	<0.0005	0.00006	0.000023	<0.0002	0.0034	<0.0001	<0.002				0.226	0.265	-7.94
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00004	0.000018	<0.0002	0.0032	<0.0001	<0.002				0.209	0.233	-5.43
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00002	0.000024	<0.0002	0.0130	<0.0001	<0.002				0.342	0.335	1.03
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00001	0.000036	<0.0002	0.0305	<0.0001	<0.002				0.479	0.508	-2.94
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00001	0.000038	<0.0002	0.0601	<0.0001	<0.002				0.565	0.598	-2.84
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000066	<0.0002	0.0955	<0.0001	<0.002				0.709	0.760	-3.47
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000110	0.0005	0.119	<0.0001	<0.002				0.673	0.687	-1.03
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000109	0.0003	0.0956	<0.0001	<0.002				0.633	0.630	0.240
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000166	<0.0002	0.155	<0.0001	<0.002				0.774	0.793	-1.21
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000198	<0.0002	0.147	<0.0001	<0.002				0.792	0.745	3.06
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000254	<0.0002	0.156	<0.0001	<0.002				0.788	0.825	-2.29

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	128	06-Jul-15	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	129	13-Jul-15	500	475	4.75	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	130	20-Jul-15	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	131	27-Jul-15	500	485	4.83	65
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	132	03-Aug-15	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	133	10-Aug-15	500	460	4.66	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	134	17-Aug-15	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	135	24-Aug-15	500	495	4.77	78
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	136	31-Aug-15	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	137	07-Sep-15	500	490	4.55	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	138	14-Sep-15	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	139	21-Sep-15	500	450	4.36	128
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	140	28-Sep-15	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	141	05-Oct-15	500	465	4.32	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	142	12-Oct-15	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	143	19-Oct-15	500	495	4.42	76
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	144	26-Oct-15	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	145	02-Nov-15	500	460	4.44	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	146	09-Nov-15	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	147	16-Nov-15	500	450	4.22	106
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	148	23-Nov-15	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	149	30-Nov-15	500	470	4.21	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	150	07-Dec-15	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	151	07-Dec-15	500	470	4.19	105
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	152	21-Dec-15	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	153	28-Dec-15	500	470	4.22	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	154	04-Jan-16	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	155	11-Jan-16	500	480	4.30	72.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	156	18-Jan-16	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	157	25-Jan-16	500	460	4.29	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	158	01-Feb-16	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	159	08-Feb-16	500	460	4.10	183
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	160	15-Feb-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	161	22-Feb-16	500	485	4.18	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	162	29-Feb-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	163	07-Mar-16	500	470	4.00	151
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	164	14-Mar-16	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	165	21-Mar-16	500	450	3.98	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	166	28-Mar-16	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	167	04-Apr-16	500	475	4.09	95
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	168	11-Apr-16	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	169	18-Apr-16	500	465	4.10	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	170	25-Apr-16	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	171	02-May-16	500	470	4.10	86
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	172	09-May-16	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	173	16-May-16	500	470	4.00	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	174	23-May-16	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	175	30-May-16	500	475	4.02	88
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	176	06-Jun-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	177	13-Jun-16	500	460	3.91	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	178	20-Jun-16	500	450		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	175	23.4	<0.5	21.8	<0.5			<0.5					3.3	0.296	0.00006	0.0253
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	150	30.4	<0.5	30.2	<0.5			<0.5					3.9	0.391	0.00007	0.0274
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	185	46.1	<0.5	45.4	<0.5			<0.5					5.3	1.33	0.00009	0.0389
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	190	22.5	<0.5	24.1	<0.5			<0.5					3.4	0.636	0.00008	0.0394
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	200	31.1	2.8	34.5	<0.5			<0.5					4.7	1.54	0.00010	0.0377
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	205	31.6	3.9	32.3	<0.5			<0.5					4.6	1.52	0.00010	0.0371
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	200	20.4	1.1	19.4	<0.5			<0.5					3.9	0.797	0.00010	0.0428
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	210	67.0	8.8	63.1	<0.5			<0.5					7.4	3.80	0.00013	0.0373
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	220	48.1	8.2	46.2	<0.5			<0.5					4.9	3.34	0.00013	0.0264
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	220	26.7	5.1	27.9	<0.5			<0.5					4.3	1.43	0.00011	0.0238
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	230	20.4	5.5	22.0	<0.5			<0.5					5.0	1.07	0.00011	0.0324
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	220	23.6	4.9	24.0	<0.5			<0.5					4.3	1.81	0.00011	0.0464
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0289	0.00012	<0.000005	<0.05	<0.00005	0.000305	1.02	<0.0001	0.000778	0.00077	0.0748	8.85	0.00116	0.0018	0.19
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0450	0.00015	<0.000005	<0.05	<0.00005	0.000447	1.20	<0.0001	0.000837	0.00104	0.134	12.3	0.00175	0.0022	0.22
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.107	0.00058	<0.000005	<0.05	0.00006	0.00137	1.61	<0.0001	0.00211	0.00235	0.450	13.4	0.00431	0.0023	0.31
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0444	0.00027	<0.000005	<0.05	0.00005	0.000511	0.99	<0.0001	0.00110	0.00195	0.117	8.12	0.00249	0.0027	0.23
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0673	0.00048	<0.000005	<0.05	0.00006	0.000757	1.38	<0.0001	0.00129	0.00329	0.271	9.71	0.00439	0.0029	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0683	0.00044	<0.000005	<0.05	0.00005	0.000727	1.33	<0.0001	0.00129	0.00291	0.258	8.76	0.00436	0.0023	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0423	0.00028	0.000006	<0.05	<0.00005	0.000426	1.09	<0.0001	0.000923	0.00306	0.106	5.16	0.00305	0.0032	0.27
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.107	0.00095	<0.000005	<0.05	0.00007	0.00356	2.18	<0.0001	0.00473	0.00840	0.785	16.9	0.00766	0.0032	0.46
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0802	0.00076	<0.000005	<0.05	0.00006	0.00182	1.38	<0.0001	0.00305	0.00628	0.380	9.03	0.00611	0.0041	0.36
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0389	0.00033	<0.000005	<0.05	<0.00005	0.000769	1.15	<0.0001	0.00204	0.00926	0.101	6.31	0.00439	0.0036	0.35
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0358	0.00028	<0.000005	<0.05	<0.00005	0.000508	1.36	<0.0001	0.00112	0.00604	0.0934	4.42	0.00361	0.0026	0.38
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0463	0.00041	<0.000005	<0.05	<0.00005	0.000530	1.12	<0.0001	0.00106	0.00509	0.141	2.44	0.00381	0.0027	0.35
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0389	<0.00001	0.008	<0.00005	0.00092	0.98	0.00389	0.00008	3.6	<0.000005	0.60	0.0114	<10	<0.00002	0.000006
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0434	<0.00001	0.006	<0.00005	0.00085	1.01	0.00407	0.00009	3.9	<0.000005	0.63	0.0138	<10	0.00003	0.000007
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0556	<0.00001	<0.002	<0.00005	0.00368	1.54	0.00646	0.00020	5.2	<0.000005	0.90	0.0242	15	0.00003	0.000014
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0366	<0.00001	0.006	<0.00005	0.00158	0.96	0.00417	0.00010	3.9	<0.000005	0.65	0.0108	<10	0.00002	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0479	<0.00001	0.004	<0.00005	0.00227	1.14	0.00449	0.00015	4.3	<0.000005	0.85	0.0207	11	0.00002	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0476	<0.00001	0.004	<0.00005	0.00229	1.01	0.00390	0.00015	4.2	<0.000005	0.80	0.0151	11	0.00005	0.000010
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0386	<0.00001	0.003	<0.00005	0.00158	0.76	0.00335	0.00008	4.4	<0.000005	0.69	0.0117	<10	0.00002	0.000008
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0794	<0.00001	0.004	<0.00005	0.0110	1.21	0.00472	0.00049	5.4	0.000005	1.20	0.0276	22	0.00006	0.000025
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0499	<0.00001	0.003	<0.00005	0.00476	1.06	0.00496	0.00028	4.6	0.000007	0.91	0.0160	15	0.00007	0.000020
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0441	<0.00001	0.004	<0.00005	0.00191	0.73	0.00318	0.00015	4.3	<0.000005	0.73	0.0101	<10	0.00004	0.000010
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0477	<0.00001	0.004	<0.00005	0.00122	0.72	0.00342	0.00009	4.5	<0.000005	0.80	0.0124	<10	0.00004	0.000012
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0401	<0.00001	0.003	<0.00005	0.00151	0.66	0.00335	0.00010	4.5	<0.000005	0.85	0.0136	<10	0.00006	0.000012
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000250	<0.0002	0.0947	<0.0001	<0.002				0.488	0.472	1.67
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00001	0.000360	<0.0002	0.128	<0.0001	<0.002				0.634	0.622	0.960
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000985	0.0003	0.170	<0.0001	<0.002				0.960	0.917	2.29
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00002	0.000555	0.0002	0.119	<0.0001	<0.002				0.469	0.490	-2.19
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000999	<0.0002	0.146	<0.0001	<0.002				0.65	0.69	-2.85
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00105	0.0006	0.155	<0.0001	<0.002				0.66	0.71	-3.44
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000674	<0.0002	0.112	<0.0001	<0.002				0.43	0.46	-3.29
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	0.00002	0.00208	<0.0002	0.276	<0.0001	<0.002				1.40	1.35	1.68
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00192	0.0003	0.208	<0.0001	<0.002				1.00	0.97	1.67
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00126	<0.0002	0.216	<0.0001	<0.002				0.56	0.61	-4.62
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000843	<0.0002	0.174	<0.0001	<0.002				0.42	0.52	-9.88
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000956	<0.0002	0.115	<0.0001	<0.002				0.49	0.528	-3.43
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	179	27-Jun-16	500	470	3.95	104
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	180	04-Jul-16	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	181	11-Jul-16	500	475	3.65	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	182	18-Jul-16	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	183	25-Jul-16	500	470	3.81	114
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	184	01-Aug-16	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	185	08-Aug-16	500	450	4.05	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	186	15-Aug-16	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	187	22-Aug-16	500	450	4.06	80
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	188	29-Aug-16	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	189	05-Sep-16	500	455	4.19	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	190	12-Sep-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	191	19-Sep-16	500	480	4.03	84
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	192	26-Sep-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	193	03-Oct-16	500	455	4.09	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	194	10-Oct-16	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	195	17-Oct-16	500	480	4.16	63
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	196	24-Oct-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	197	31-Oct-16	500	465	4.14	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	198	07-Nov-16	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	199	14-Nov-16	500	455	3.92	130
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	200	21-Nov-16	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	201	28-Nov-16	500	475	3.88	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	202	05-Dec-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	203	12-Dec-16	500	470	3.98	96
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	204	19-Dec-16	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	205	26-Dec-16	500	460	4.09	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	206	02-Jan-17	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	207	09-Jan-17	500	460	4.06	77
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	208	16-Jan-17	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	209	23-Jan-17	500	470	3.92	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	210	30-Jan-17	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	211	06-Feb-17	500	455	4.00	88
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	212	13-Feb-17	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	213	20-Feb-17	500	470	4.08	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	214	27-Feb-17	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	215	06-Mar-17	500	470	4.12	77
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	216	13-Mar-17	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	217	20-Mar-17	500	470	4.10	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	218	27-Mar-17	500	445		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	219	03-Apr-17	500	475	3.99	104
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	220	10-Apr-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	221	17-Apr-17	500	470	3.99	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	222	24-Apr-17	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	223	01-May-17	500	450	4.01	78
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	224	08-May-17	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	225	15-May-17	500	470	3.98	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	226	22-May-17	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	227	29-May-17	500	475	3.88	113
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	228	05-Jun-17	500	456		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	229	12-Jun-17	500	480	3.97	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17	260	23.7	6.4	25.5	<0.5			0.7					4.6	2.28	0.00014	0.0431
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	240	35.4	7.5	31.0	<0.5			<0.5					4.6	3.17	0.00013	0.0409
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	250	19.1	3.4	17.6	<0.5			<0.5					3.6	1.10	0.00013	0.0513
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	260	18.7	4.4	19.5	<0.5			0.7					3.3	1.16	0.00013	0.0290
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	270	13.6	0.9	14.8	<0.5			0.5					3.2	0.764	0.00014	0.0729
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	280	32.9	7.6	33.1	<0.5			0.6					4.9	3.41	0.00015	0.0669
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	285	21.3	5.3	22.6	<0.5			<0.5					3.4	1.35	0.00016	0.0551
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	285	16.9	4.2	16.7	<0.5			0.5					3.2	1.36	0.00015	0.0911
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	310	18.9	5.3	19.2	<0.5			0.6					3.4	1.32	0.00017	0.0640
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	320	17.9	4.2	15.6	<0.5			0.5					3.4	1.02	0.00017	0.0951
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	310	25.8	5.7	22.1	<0.5			<0.5					3.4	1.52	0.00015	0.0590
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	300	16.2	4.5	15.0	<0.5			0.7					3.4	1.05	0.00018	0.0946
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	320	28.6	8.7	28.7	<0.5			<0.5					3.3	3.05	0.00019	0.0771
BR02-1	HC-17																
BR02-1	HC-17																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17	0.0483	0.00046	<0.000005	<0.05	0.00006	0.000606	1.21	<0.0001	0.00138	0.00766	0.1470	2.01	0.00486	0.0032	0.39
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0484	0.00055	<0.000005	<0.05	0.00006	0.000939	1.19	<0.0001	0.00214	0.01080	0.167	2.13	0.00607	0.0039	0.41
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0288	0.00024	<0.000005	<0.05	<0.00005	0.000355	0.96	<0.0001	0.00091	0.00713	0.0579	2.93	0.00308	0.0020	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0270	0.00027	<0.000005	<0.05	0.00006	0.000365	0.88	<0.0001	0.00093	0.00675	0.058	3.16	0.00357	0.0026	0.27
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0275	0.00020	<0.000005	<0.05	<0.00005	0.000247	0.86	<0.0001	0.000577	0.00489	0.0370	2.05	0.00222	0.0018	0.25
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0566	0.00059	<0.000005	<0.05	0.00007	0.001170	1.38	<0.0001	0.00232	0.01070	0.206	2.92	0.00529	0.0032	0.35
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0250	0.00028	<0.000005	<0.05	<0.00005	0.000506	0.87	<0.0001	0.001350	0.00965	0.0381	4.20	0.00350	0.0031	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0262	0.00026	<0.000005	<0.05	<0.00005	0.000348	0.85	<0.0001	0.00075	0.00664	0.043	1.29	0.00326	0.0024	0.27
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0229	0.00027	0.000005	<0.05	<0.00005	0.000340	0.88	<0.0001	0.000842	0.00802	0.0372	2.28	0.00320	0.0026	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0227	0.00022	<0.000005	<0.05	<0.00005	0.000278	0.90	<0.0001	0.000572	0.00681	0.0331	1.70	0.00285	0.0024	0.28
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0265	0.00025	<0.000005	<0.05	<0.00005	0.000576	0.87	<0.0001	0.00143	0.00962	0.0409	4.43	0.00374	0.0029	0.29
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0241	0.00022	<0.000005	<0.05	<0.00005	0.000310	0.90	<0.0001	0.000638	0.00704	0.0267	1.26	0.00317	0.0026	0.27
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0380	0.00041	<0.000005	<0.05	<0.00005	0.000603	0.84	<0.0001	0.00139	0.0127	0.0805	0.866	0.00605	0.0028	0.29
BR02-1	HC-17															
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17	0.0448	<0.00001	0.007	<0.00005	0.00175	0.70	0.00357	0.00013	4.6	<0.000005	0.86	0.0133	<10	0.00010	0.000013
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0461	<0.00001	<0.002	<0.00005	0.00282	0.69	0.00338	0.00023	4.3	0.000006	0.91	0.0135	11	0.00007	0.000021
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0359	<0.00001	0.011	<0.00005	0.00515	0.49	0.00233	0.00008	3.9	<0.000005	0.69	0.0093	<10	0.00005	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0320	<0.00001	0.003	<0.00005	0.00102	0.45	0.00229	0.00009	3.9	0.000005	0.64	0.0084	<10	0.00004	0.000013
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0290	<0.00001	0.003	<0.00005	0.00075	0.37	0.00164	0.00005	3.8	<0.000005	0.64	0.00818	<10	0.00004	0.000008
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0465	<0.00001	0.003	<0.00005	0.00406	0.65	0.00349	0.00018	4.9	<0.000005	1.04	0.0181	12	0.00013	0.000020
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0339	<0.00001	0.005	<0.00005	0.00131	0.40	0.00211	0.00014	4.5	<0.000005	0.66	0.00888	<10	0.00008	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0306	<0.00001	0.006	<0.00005	0.00085	0.42	0.00209	0.00007	3.7	<0.000005	0.74	0.0101	<10	0.00004	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0326	<0.00001	0.004	<0.00005	0.00081	0.40	0.00198	0.00009	4.2	0.000006	0.69	0.00782	<10	0.00005	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0304	<0.00001	0.005	<0.00005	0.00055	0.41	0.00200	0.00007	4.3	<0.000005	0.72	0.00937	<10	0.00006	0.000010
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0325	<0.00001	0.002	<0.00005	0.00123	0.45	0.00180	0.00013	4.6	0.000007	0.87	0.00967	<10	0.00006	0.000011
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0296	<0.00001	<0.002	<0.00005	0.00268	0.40	0.00209	0.00005	4.5	0.000006	0.80	0.0105	<10	0.00004	0.000013
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0316	<0.00001	0.002	<0.00005	0.00148	0.51	0.00232	0.00016	4.2	0.000008	0.96	0.0115	<10	0.00009	0.000015
BR02-1	HC-17															
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.001440	<0.0002	0.149	<0.0001	<0.002				0.51	0.59	-7.15
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.001900	<0.0002	0.191	<0.0001	<0.002				0.74	0.74	-0.20
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000774	<0.0002	0.142	<0.0001	<0.002				0.40	0.44	-4.56
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000817	<0.0002	0.142	<0.0001	<0.002				0.41	0.45	-4.56
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000512	<0.0002	0.0979	<0.0001	<0.002				0.30	0.33	-5.23
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.001510	<0.0002	0.182	<0.0001	<0.002				0.70	0.77	-4.76
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.001040	<0.0002	0.1860	<0.0001	<0.002				0.44	0.52	-8.00
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000780	<0.0002	0.098	<0.0001	<0.002				0.37	0.40	-3.80
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000835	<0.0002	0.141	<0.0001	<0.002				0.41	0.44	-3.63
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000619	<0.0002	0.101	<0.0001	<0.002				0.39	0.36	3.19
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000904	<0.0002	0.172	<0.0001	<0.002				0.54	0.55	-1.37
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000575	0.0007	0.0952	<0.0001	<0.002				0.36	0.38	-2.59
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00126	<0.0002	0.137	<0.0001	<0.002				0.60	0.63	-2.93
BR02-1	HC-17															
BR02-1	HC-17															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	230	19-Jun-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	231	26-Jun-17	500	455	3.82	138
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	232	03-Jul-17	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	233	10-Jul-17	500	470	3.90	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	234	17-Jul-17	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	235	24-Jul-17	500	485	4.00	105
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	236	31-Jul-17	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	237	07-Aug-17	500	455	3.87	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	238	14-Aug-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	239	21-Aug-17	500	470	3.88	105
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	240	28-Aug-17	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	241	04-Sep-17	500	450	3.88	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	242	11-Sep-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	243	18-Sep-17	500	470	3.90	97.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	244	25-Sep-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	245	02-Oct-17	500	470	3.91	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	246	09-Oct-17	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	247	16-Oct-17	500	455	3.78	152
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	248	23-Oct-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	249	30-Oct-17	500	460	3.88	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	250	06-Nov-17	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	251	13-Nov-17	500	450	3.87	112
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	252	20-Nov-17	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	253	27-Nov-17	500	450	3.93	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	254	04-Dec-17	500	455		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	255	11-Dec-17	500	455	3.88	103
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	256	18-Dec-17	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	257	25-Dec-17	500	470	3.86	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	258	01-Jan-18	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	259	08-Jan-18	500	450	3.85	113
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	260	15-Jan-18	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	261	22-Jan-18	500	465	3.89	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	262	29-Jan-18	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	263	05-Feb-18	500	480	4.04	71
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	264	12-Feb-18	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	265	19-Feb-18	500	450	3.94	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	266	26-Feb-18	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	267	05-Mar-18	500	500	3.87	113
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	268	12-Mar-18	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	269	19-Mar-18	500	475	3.96	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	270	26-Mar-18	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	271	02-Apr-18	500	455	3.94	83
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	272	09-Apr-18	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	273	16-Apr-18	500	480	4.04	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	274	23-Apr-18	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	275	30-Apr-18	500	460	3.46	93
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	276	07-May-18	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	277	14-May-18	500	475	3.90	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	278	21-May-18	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	279	28-May-18	500	460	3.91	100
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	280	04-Jun-18	500	465		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17																
BR02-1	HC-17	350	33.7	12.1	35.1	<0.5			<0.5					4.4	4.06	0.00020	0.0685
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	350	22.9	7.5	21.7	<0.5			<0.5					3.5	1.87	0.00020	0.0764
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	365	25.0	8.3	25.4	<0.5			<0.5					3.6	2.11	0.00020	0.0855
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	380	22.4	6.6	21.6	<0.5			0.7					3.6	2.30	0.00024	0.0876
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	400	44.1	8.7	37.4	<0.5			0.5					4.4	4.49	0.00023	0.104
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	410	24.1	7.0	24.8	<0.5			<0.5					4.1	2.36	0.00023	0.112
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	420	20.3	7.5	24.2	<0.5			<0.5					3.3	2.08	0.00025	0.129
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	420	26.1	8.1	25.2	<0.5			<0.5					3.3	2.71	0.00027	0.136
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	400	13.2	4.7	13.5	<0.5			<0.5					2.6	0.78	0.00023	0.084
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	430	26.5	9.3	26.8	<0.5			<0.5					3.4	2.71	0.00026	0.142
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	400	16.6	5.4	16.0	<0.5			0.6					3.1	1.22	0.00029	0.140
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	405	18.5	6.5	19.6	<0.5			<0.5					2.9	1.43	0.00029	0.142
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	420	21.3	7.3	21.9	<0.5			<0.5					3.4	1.97	0.00034	0.184
BR02-1	HC-17																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17															
BR02-1	HC-17	0.0423	0.00044	<0.000005	<0.05	<0.00005	0.000831	1.06	<0.0001	0.00208	0.0198	0.0788	0.945	0.00740	0.0039	0.43
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0262	0.00026	<0.000005	<0.05	<0.00005	0.000406	0.86	<0.0001	0.00113	0.0129	0.0320	1.04	0.00432	0.0029	0.32
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0278	0.00025	<0.000005	<0.05	0.00005	0.000422	0.89	<0.0001	0.00109	0.0129	0.0398	0.681	0.00409	0.0028	0.33
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0274	0.00031	<0.000005	<0.05	<0.00005	0.000445	0.91	<0.0001	0.000973	0.0125	0.0389	0.454	0.00427	0.0031	0.33
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0375	0.00045	<0.000005	<0.05	0.00006	0.000984	1.10	<0.0001	0.00297	0.0253	0.0763	1.56	0.00601	0.0044	0.41
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0286	0.00029	<0.000005	<0.05	<0.00005	0.000478	1.00	<0.0001	0.00124	0.0163	0.0368	0.395	0.00425	0.0033	0.38
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0262	0.00024	<0.000005	<0.05	<0.00005	0.000399	0.84	<0.0001	0.00109	0.0144	0.0266	0.612	0.00344	0.0029	0.30
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0304	0.00030	<0.000005	<0.05	0.00005	0.000582	0.86	<0.0001	0.00193	0.0184	0.0358	0.76	0.00404	0.0035	0.29
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0132	0.00011	<0.000005	<0.05	<0.00005	0.000223	0.68	<0.0001	0.00047	0.0080	0.0085	0.930	0.00177	0.0019	0.22
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0297	0.00026	<0.000005	<0.05	<0.00005	0.000509	0.86	<0.0001	0.00169	0.0199	0.0336	0.422	0.00393	0.0031	0.29
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0154	0.00016	<0.000005	<0.05	<0.00005	0.000296	0.81	<0.0001	0.00070	0.0112	0.0127	0.499	0.00231	0.0025	0.26
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0185	0.00015	<0.000005	<0.05	<0.00005	0.000366	0.75	<0.0001	0.00097	0.0128	0.0162	0.84	0.00240	0.0023	0.24
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0231	0.00021	<0.000005	<0.05	<0.00005	0.000437	0.90	<0.0001	0.00123	0.0162	0.0241	0.277	0.00281	0.0026	0.28
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17															
BR02-1	HC-17	0.0405	<0.00001	<0.002	<0.00005	0.00201	0.60	0.00277	0.00017	5.3	0.000015	1.09	0.0131	13	0.00010	0.000015
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0331	<0.00001	0.004	<0.00005	0.00187	0.45	0.00204	0.00010	4.9	0.000009	0.90	0.0101	<10	0.00007	0.000014
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0326	<0.00001	0.006	<0.00005	0.00107	0.44	0.00208	0.00011	4.7	0.000008	0.95	0.00989	<10	0.00009	0.000014
BR02-1	HC-17															
BR02-1	HC-17	0.0311	<0.00001	0.005	<0.00005	0.00107	0.45	0.00204	0.00011	4.5	0.000011	1.00	0.0106	<10	0.00009	0.000014
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0393	<0.00001	0.002	<0.00005	0.00327	0.60	0.00285	0.00026	5.6	0.000011	1.23	0.0126	14	0.00014	0.000016
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0373	<0.00001	0.008	<0.00005	0.00117	0.47	0.00215	0.00015	5.2	0.000010	1.03	0.0123	<10	0.00011	0.000014
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0285	<0.00001	0.005	<0.00005	0.00088	0.43	0.00199	0.00015	5.0	0.000008	0.92	0.00987	<10	0.00011	0.000012
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0301	<0.00001	0.003	<0.00005	0.00190	0.46	0.00208	0.00018	4.3	0.000011	1.04	0.0113	<10	0.00014	0.000014
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0227	<0.00001	0.006	<0.00005	0.00047	0.27	0.00140	0.00007	4.4	0.000006	0.63	0.0073	<10	0.00015	0.000009
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0314	<0.00001	0.005	<0.00005	0.00135	0.44	0.00222	0.00020	4.5	0.000009	0.98	0.0113	<10	0.00013	0.000013
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0257	<0.00001	0.006	<0.00005	0.00051	0.37	0.00186	0.00010	4.6	<0.000005	0.83	0.00865	<10	0.00006	0.000008
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0254	<0.00001	0.008	<0.00005	0.00088	0.37	0.00168	0.00013	4.5	<0.000005	0.82	0.0096	<10	0.00008	0.000010
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0294	<0.00001	0.002	<0.00005	0.00100	0.41	0.00198	0.00014	4.2	<0.000005	0.94	0.0116	<10	0.00013	0.000011
BR02-1	HC-17															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00186	<0.0002	0.196	<0.0001	<0.002				0.70	0.80	-6.28
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00107	<0.0002	0.139	<0.0001	<0.002				0.48	0.47	0.63
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000981	<0.0002	0.139	<0.0001	<0.002				0.52	0.52	0.00
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00103	<0.0002	0.119	<0.0001	<0.002				0.49	0.53	-4.42
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00162	<0.0002	0.242	<0.0001	<0.002				0.93	0.89	2.47
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00105	<0.0002	0.138	<0.0001	<0.002				0.50	0.56	-5.01
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000836	<0.0002	0.128	<0.0001	<0.002				0.42	0.51	-9.13
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00100	<0.0002	0.161	<0.0001	<0.002				0.54	0.60	-4.90
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00038	<0.0002	0.078	<0.0001	<0.002				0.28	0.30	-4.01
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00102	<0.0002	0.164	<0.0001	<0.002				0.55	0.58	-2.39
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000490	<0.0002	0.104	<0.0001	<0.002				0.36	0.38	-2.56
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.000006	<0.0002	<0.0005	<0.00001	0.00052	<0.0002	0.116	<0.0001	<0.002				0.39	0.64	-25.00
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.00062	<0.0002	0.126	<0.0001	<0.002				0.44	0.48	-3.70
BR02-1	HC-17															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	281	11-Jun-18	500	500	4.02	52
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	282	18-Jun-18	500	465		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	283	25-Jun-18	500	490	4.07	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	284	02-Jul-18	500	490		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	285	09-Jul-18	500	475	3.91	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	286	16-Jul-18	500	465		72.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	287	23-Jul-18	500	460	3.95	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	288	30-Jul-18	500	475		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	289	06-Aug-18	500	480	4.00	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	290	13-Aug-18	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	291	20-Aug-18	500	475	3.96	69.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	292	27-Aug-18	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	293	03-Sep-18	500	490	4.00	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	294	10-Sep-18	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	295	17-Sep-18	500	475	3.92	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	296	24-Sep-18	500	460		65
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	297	01-Oct-18	500	490	3.96	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	298	08-Oct-18	500	485		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	299	15-Oct-18	500	475	4.06	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	300	22-Oct-18	500	460		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	301	29-Oct-18	500	495	4.09	64.0
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	302	05-Nov-18	500	445		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	303	12-Nov-18	500	480	4.01	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	304	19-Nov-18	500	450		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	305	26-Nov-18	500	470	3.95	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	306	03-Dec-18	500	490		101
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	307	10-Dec-18	500	455	3.87	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	308	17-Dec-18	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	309	24-Dec-18	500	465	3.76	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	310	31-Dec-18	500	470		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	311	07-Jan-19	500	445	3.87	117
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	312	14-Jan-19	500	495		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	314	21-Jan-19	500	435	3.80	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	315	28-Jan-19	500	500		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	316	04-Feb-19	500	490	3.92	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	317	11-Feb-19	500	465		89
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	318	18-Feb-19	500	475	3.76	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	319	25-Feb-19	500	480		
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	320	04-Mar-19	500	485	3.93	
BR02-1	HC-17	Llama	Greywacke	12GSE144	241.25	245.30	0.25	0.24	0.01	6.80	3.47	320	04-Mar-19	500	485	3.93	77

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	0	21-Jan-13	750	560	8.82	62.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	1	28-Jan-13	500	470	8.60	140
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	2	04-Feb-13	500	470	8.30	115
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	3	11-Feb-13	500	475	8.20	87.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	400	11.0	1.8	11.9	<0.5			<0.5					2.4	0.76	0.00027	0.142
BR02-1	HC-17																
BR02-1	HC-17																
BR02-1	HC-17	400	13.6	4.6	15.0	<0.5			0.7					2.4	1.09	0.00028	0.167
BR02-1	HC-17																
BR02-1	HC-17	395	13.8	5.9	16.4	<0.5			<0.5					2.4	1.11	0.00033	0.196
BR02-1	HC-17																
BR02-1	HC-17	405	16.9	3.4	16.2	<0.5			<0.5					2.4	1.43	0.00030	0.206
BR02-1	HC-17																
BR02-1	HC-17	395	12.5	2.6	12.1	<0.5			1.6					2.1	0.92	0.00030	0.211
BR02-1	HC-17																
BR02-1	HC-17	420	13.0	0.9	12.2	<0.5			<0.5					1.4	0.99	0.00031	0.164
BR02-1	HC-17																
BR02-1	HC-17	400	22.7	4.8	20.0	<0.5			<0.5					3.0	2.24	0.00034	0.262
BR02-1	HC-17																
BR02-1	HC-17	425	26.1	8.1	29.6	<0.5			<0.5					3.1	2.78	0.00033	0.288
BR02-1	HC-17																
BR02-1	HC-17	420	16.4	4.1	16.7	<0.5			<0.5					2.7	1.33	0.00032	0.221
BR02-1	HC-17																
BR02-1	HC-17	430	15.3	5.4	15.4	<0.5			<0.5					2.6	1.06	0.00032	0.239

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-2	HC-18	110	1.5	<0.5	<0.5	21.2	0.17	0.035	3.4	0.15	0.015			2.2	0.614	0.00089	0.00322
BR02-2	HC-18	130	9.3	<0.5	<0.5	44.0	0.36	0.040	3.5	0.04	0.006			6.2	0.524	0.00400	0.04060
BR02-2	HC-18	135	7.6	<0.5	<0.5	34.7	0.24	0.013	1.6	0.08	<0.005			6.5	0.487	0.00296	0.06510
BR02-2	HC-18	120	7.3	<0.5	<0.5	30.3	0.18	<0.01	0.8	<0.02	<0.005			8.0	0.395	0.00242	0.09060

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0105	0.00010	<0.000005	<0.05	<0.00005	0.000187	0.63	<0.0001	0.00036	0.0068	0.0081	0.449	0.00143	0.0016	0.21
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0124	0.00014	<0.000005	<0.05	<0.00005	0.000234	0.60	<0.0001	0.000570	0.00925	0.0120	0.524	0.00176	0.0019	0.21
BR02-1	HC-17															
BR02-1	HC-17	0.0123	0.00013	<0.000005	<0.05	<0.00005	0.000223	0.62	<0.0001	0.000544	0.00933	0.0123	0.322	0.00178	0.0018	0.20
BR02-1	HC-17															
BR02-1	HC-17	0.0138	0.00017	<0.000005	<0.05	<0.00005	0.000287	0.62	<0.0001	0.00065	0.0107	0.0143	0.491	0.00190	0.0021	0.20
BR02-1	HC-17															
BR02-1	HC-17	0.0096	0.00011	<0.000005	<0.05	<0.00005	0.000198	0.57	<0.0001	0.000429	0.00940	0.0088	0.187	0.00150	0.0017	0.16
BR02-1	HC-17															
BR02-1	HC-17	0.0096	0.00013	<0.000005	<0.05	<0.00005	0.000186	0.38	<0.0001	0.000416	0.00792	0.0078	0.187	0.00135	0.0016	0.12
BR02-1	HC-17															
BR02-1	HC-17	0.0223	0.00021	<0.000005	<0.05	<0.00005	0.000550	0.77	<0.0001	0.00114	0.0157	0.0201	0.255	0.00261	0.0023	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.0211	0.00021	<0.000005	<0.05	<0.00005	0.000479	0.76	<0.0001	0.00156	0.0217	0.0296	0.290	0.00283	0.0026	0.29
BR02-1	HC-17															
BR02-1	HC-17	0.0123	0.00014	<0.000005	<0.05	0.00005	0.000320	0.66	<0.0001	0.00064	0.0121	0.0129	0.354	0.00194	0.0015	0.26
BR02-1	HC-17															
BR02-1	HC-17	0.0108	0.00012	<0.000005	<0.05	<0.00005	0.000223	0.66	<0.0001	0.00042	0.0107	0.0084	0.310	0.00180	0.0020	0.24

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-2	HC-18	0.00123	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.54	0.0005	0.000041	0.00035	0.00010	0.125	0.000071	0.0033	0.21
BR02-2	HC-18	0.00143	<0.00001	<0.000005	<0.05	0.00015	<0.000005	1.44	0.0004	0.000045	0.00049	<0.00005	0.053	0.000059	0.0061	0.62
BR02-2	HC-18	0.00140	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.47	0.0004	0.000061	0.00037	<0.00005	0.057	0.000068	0.0059	0.68
BR02-2	HC-18	0.00126	<0.00001	<0.000005	<0.05	0.00009	<0.000005	1.82	0.0003	0.000109	0.00012	<0.00005	0.055	0.000061	0.0055	0.84

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0196	<0.00001	0.004	<0.00005	0.00073	0.25	0.00138	0.00006	3.9	<0.000005	0.68	0.00696	<10	0.00003	0.000008
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	0.0206	<0.00001	<0.002	<0.00005	0.00043	0.29	0.00146	0.00008	3.7	0.000007	0.76	0.00735	<10	0.00008	0.000008
BR02-1	HC-17															
BR02-1	HC-17	0.0199	0.00001	0.002	<0.00005	0.00053	0.28	0.00143	0.00007	3.3	0.000010	0.75	0.00755	<10	0.00010	0.000010
BR02-1	HC-17															
BR02-1	HC-17	0.0211	<0.00001	<0.002	<0.00005	0.00049	0.30	0.00154	0.00009	3.8	0.000006	0.83	0.00856	<10	0.00008	0.000012
BR02-1	HC-17															
BR02-1	HC-17	0.0167	<0.00001	0.002	0.00006	0.00035	0.25	0.00137	0.00007	3.3	0.000007	0.65	0.00704	<10	0.00005	0.000010
BR02-1	HC-17															
BR02-1	HC-17	0.0116	<0.00001	<0.002	<0.00005	0.00042	0.24	0.00125	0.00007	2.3	<0.000005	0.57	0.00516	<10	0.00005	0.000009
BR02-1	HC-17															
BR02-1	HC-17	0.0263	<0.00001	<0.002	<0.00005	0.00095	0.33	0.00199	0.00013	3.9	0.000007	1.00	0.01090	<10	0.00012	0.000015
BR02-1	HC-17															
BR02-1	HC-17	0.0292	<0.00001	0.003	<0.00005	0.00121	0.37	0.00215	0.00020	3.9	0.000011	1.03	0.01060	<10	0.00017	0.000013
BR02-1	HC-17															
BR02-1	HC-17	0.0243	<0.00001	<0.002	0.00017	0.00055	0.29	0.00201	0.00010	3.5	0.000008	0.80	0.00793	<10	0.00009	0.000009
BR02-1	HC-17															
BR02-1	HC-17	0.0231	<0.00001	<0.002	<0.00005	0.00033	0.28	0.00184	0.00008	3.6	0.000011	0.76	0.00732	<10	0.00008	0.000010

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-2	HC-18	0.00118	0.00001	0.014	0.00151	0.00030	13.30	0.01900	0.00012	1.2	<0.000005	3.91	0.00272	<10	0.00004	0.000006
BR02-2	HC-18	0.00096	<0.00001	0.018	0.00501	0.00032	25.10	0.03450	0.00030	1.4	<0.000005	8.06	0.0112	<10	<0.00002	0.000008
BR02-2	HC-18	0.00107	0.00001	0.013	0.00277	0.00025	20.30	0.02690	0.00030	1.5	<0.000005	5.34	0.00997	<10	0.00003	0.000008
BR02-2	HC-18	0.00134	0.00001	0.007	0.00193	0.00027	17.50	0.02390	0.00030	1.5	<0.000005	3.66	0.0115	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000289	<0.0002	0.063	<0.0001	<0.002				0.23	0.27	-8.76
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000386	<0.0002	0.0788	<0.0001	<0.002				0.30	0.34	-6.52
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000403	<0.0002	0.0790	<0.0001	<0.002				0.29	0.34	-7.54
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000422	<0.0002	0.090	<0.0001	<0.002				0.35	0.39	-5.38
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000302	<0.0002	0.0625	<0.0001	0.002				0.30	0.28	4.83
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	0.0005	<0.00001	0.000317	<0.0002	0.0555	<0.0001	<0.002				0.27	0.28	-1.10
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000513	<0.0002	0.118	<0.0001	<0.002				0.47	0.51	-3.76
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000757	<0.0002	0.140	<0.0001	<0.002				0.55	0.58	-2.77
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000411	<0.0002	0.089	<0.0001	<0.002				0.34	0.38	-5.39
BR02-1	HC-17															
BR02-1	HC-17															
BR02-1	HC-17	<0.000005	<0.0002	<0.0005	<0.00001	0.000381	<0.0002	0.070	<0.0001	<0.002				0.32	0.34	-3.64

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-2	HC-18	0.000064	0.0001	0.0061	0.00037	0.000030	0.0021	0.0005	0.0003	<0.002				0.56	0.63	-5.56
BR02-2	HC-18	0.000013	0.0002	0.0014	0.00141	0.000173	0.0034	0.0003	<0.0001	<0.002				1.19	1.18	0.72
BR02-2	HC-18	0.000012	0.0002	0.0023	0.00091	0.000358	0.0037	0.0030	<0.0001	<0.002				0.91	0.94	-1.52
BR02-2	HC-18	0.000009	0.0000	0.0017	0.00059	0.000698	0.0037	0.0005	<0.0001	<0.002				0.79	0.81	-1.37

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	4	18-Feb-13	500	490	7.93	77.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	5	25-Feb-13	500	465	7.89	47.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	6	04-Mar-13	500	470	7.96	55.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	7	11-Mar-13	500	475	7.68	53.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	8	18-Mar-13	500	470	7.72	54.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	9	25-Mar-13	500	475	7.74	48.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	10	01-Apr-13	500	475	7.71	49.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	11	08-Apr-13	500	475	7.74	48.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	12	15-Apr-13	500	475	7.70	44.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	13	22-Apr-13	500	480	7.67	48.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	14	29-Apr-13	500	475	7.61	42.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	15	06-May-13	500	490	7.61	44.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	16	13-May-13	500	475	7.59	43.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	17	20-May-13	500	470	7.66	45.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	18	27-May-13	500	485	7.58	39.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	19	03-Jun-13	500	485	7.62	38.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	20	10-Jun-13	500	480		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	21	17-Jun-13	500	480	7.66	42.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	22	24-Jun-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	23	01-Jul-13	500	470	7.54	41.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	24	08-Jul-13	500	480		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	25	15-Jul-13	500	470	7.45	35.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	26	22-Jul-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	27	29-Jul-13	500	470	7.56	38.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	28	05-Aug-13	500	485		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	29	12-Aug-13	500	480	7.50	32.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	30	19-Aug-13	500	475		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	31	26-Aug-13	500	470	7.38	35.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	32	02-Sep-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	33	09-Sep-13	500	470	7.24	34.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	34	16-Sep-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	35	23-Sep-13	500	470	7.49	40.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	36	30-Sep-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	37	07-Oct-13	500	480	7.24	39.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	38	14-Oct-13	500	465		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	39	21-Oct-13	500	465	7.25	34.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	40	28-Oct-13	500	475		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	41	04-Nov-13	500	470	6.85	39.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	42	11-Nov-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	43	18-Nov-13	500	475	6.92	36.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	44	25-Nov-13	500	460		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	45	02-Dec-13	500	450	7.11	39.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	46	09-Dec-13	500	455		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	47	16-Dec-13	500	450	7.10	38.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	48	23-Dec-13	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	49	30-Dec-13	500	465	6.97	44.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	50	06-Jan-14	500	460		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	51	13-Jan-14	500	460	6.86	37.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	52	20-Jan-14	500	460		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	53	27-Jan-14	500	470	6.62	35.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	54	03-Feb-14	500	465		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-2	HC-18	125	5.7	<0.5	<0.5	29.7	0.14	<0.01	0.6	<0.02	<0.005			9.3	0.384	0.00190	0.11700
BR02-2	HC-18	130	4.4	<0.5	<0.5	20.6	0.08	<0.01	<0.5					8.5	0.289	0.00128	0.09110
BR02-2	HC-18	150	5.5	<0.5	<0.5	22.8	0.08	<0.01	0.7					10.9	0.292	0.00135	0.11400
BR02-2	HC-18	145	5.5	<0.5	<0.5	20.6	0.07	<0.01	0.8					11.3	0.254	0.00118	0.12800
BR02-2	HC-18	145	5.4	<0.5	<0.5	20.3	0.05	<0.01	0.6					12.5	0.220	0.00102	0.12800
BR02-2	HC-18	140	4.3	<0.5	<0.5	17.8	0.05	<0.01	<0.5					11.5	0.206	0.00101	0.12400
BR02-2	HC-18	130	5.0	<0.5	<0.5	15.8	<0.05	<0.01	0.7					12.4	0.201	0.00085	0.13400
BR02-2	HC-18	150	5.6	<0.5	<0.5	17.0	0.05	<0.01	0.6					13.0	0.200	0.00081	0.16000
BR02-2	HC-18	150	5.1	<0.5	1.0	16.0	<0.05	<0.01	<0.5					12.0	0.176	0.00065	0.12900
BR02-2	HC-18	150	5.1	<0.5	0.7	15.3	<0.05	<0.01	<0.5					13.1	0.170	0.00070	0.15200
BR02-2	HC-18	160	5.5	<0.5	<0.5	13.5	<0.05	<0.01	<0.5					12.6	0.172	0.00062	0.13800
BR02-2	HC-18	160	5.7	<0.5	0.7	15.1	<0.05	<0.01	<0.5					13.1	0.184	0.00063	0.19100
BR02-2	HC-18	160	6.4	<0.5	<0.5	13.5	<0.05	<0.01	<0.5					13.6	0.172	0.00055	0.15400
BR02-2	HC-18	140	5.9	<0.5	<0.5	14.1	<0.05	<0.01	<0.5					13.7	0.137	0.00057	0.13800
BR02-2	HC-18	145	4.9	<0.5	<0.5	12.2	<0.05	<0.01	<0.5					12.2	0.143	0.00051	0.14600
BR02-2	HC-18	140	4.7	<0.5	<0.5	11.4	<0.05	<0.01	0.6					12.0	0.123	0.00043	0.12500
BR02-2	HC-18																
BR02-2	HC-18	150	5.5	<0.5	<0.5	12.0	<0.05	<0.01	<0.5					12.9	0.136	0.00047	0.14200
BR02-2	HC-18																
BR02-2	HC-18	140	5.7	<0.5	<0.5	12.5	<0.05	<0.01	<0.5					12.4	0.127	0.00042	0.14300
BR02-2	HC-18																
BR02-2	HC-18	150	5.1	<0.5	<0.5	9.7	<0.05	<0.01	0.9					11.3	0.102	0.00034	0.08980
BR02-2	HC-18																
BR02-2	HC-18	140	7.9	<0.5	<0.5	9.2	<0.05	<0.01	<0.5					11.9	0.102	0.00039	0.10300
BR02-2	HC-18																
BR02-2	HC-18	135	5.7	<0.5	<0.5	6.0	<0.05	<0.01	<0.5					9.9	0.0811	0.00029	0.06210
BR02-2	HC-18																
BR02-2	HC-18	130	7.6	<0.5	<0.5	7.9	<0.05	<0.01	0.6					10.4	0.0624	0.00030	0.05440
BR02-2	HC-18																
BR02-2	HC-18	155	7.0	<0.5	<0.5	6.9	<0.05	<0.01	<0.5					10.3	0.0568	0.00028	0.04960
BR02-2	HC-18																
BR02-2	HC-18	140	9.3	<0.5	<0.5	6.2	<0.05	<0.01	0.6					12.1	0.0545	0.00026	0.04830
BR02-2	HC-18																
BR02-2	HC-18	135	10.4	<0.5	<0.5	4.6	<0.05	<0.01	<0.5					12.4	0.0457	0.00023	0.03640
BR02-2	HC-18																
BR02-2	HC-18	140	10.6	<0.5	<0.5	4.3	<0.05	<0.01	<0.5					12.3	0.0344	0.00020	0.02770
BR02-2	HC-18																
BR02-2	HC-18	130	11.4	<0.5	<0.5	3.7	<0.05	<0.01	<0.5					13.6	0.0275	0.00018	0.02550
BR02-2	HC-18																
BR02-2	HC-18	135	10.4	<0.5	<0.5	3.8	<0.05	<0.01	<0.5					10.9	0.0310	0.00017	0.02230
BR02-2	HC-18																
BR02-2	HC-18	165	10.9	<0.5	<0.5	3.2	<0.05	<0.01	<0.5					10.9	0.0186	0.00015	0.01560
BR02-2	HC-18																
BR02-2	HC-18	145	12.5	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					12.1	0.0235	0.00016	0.01120
BR02-2	HC-18																
BR02-2	HC-18	150	17.2	<0.5	0.9	3.7	<0.05	<0.01	<0.5					13.1	0.0150	0.00018	0.01480
BR02-2	HC-18																
BR02-2	HC-18	150	12.1	<0.5	<0.5	2.1	<0.05	<0.01	<0.5					10.6	0.0119	0.00015	0.01100
BR02-2	HC-18																
BR02-2	HC-18	155	12.7	<0.5	0.7	2.4	<0.05	<0.01	<0.5					10.2	0.0084	0.00012	0.00818
BR02-2	HC-18																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-2	HC-18	0.00119	<0.00001	<0.000005	<0.05	0.00008	<0.000005	2.25	0.0003	0.000085	0.00018	<0.00005	0.048	0.000062	0.0055	0.90
BR02-2	HC-18	0.00105	<0.00001	<0.000005	<0.05	0.00006	<0.000005	2.04	0.0003	0.000079	0.00076	<0.00005	0.048	0.000069	0.0043	0.82
BR02-2	HC-18	0.00162	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.59	0.0003	0.000123	0.00179	<0.00005	0.054	0.000092	0.0053	1.07
BR02-2	HC-18	0.00106	<0.00001	<0.000005	<0.05	0.00006	<0.000005	2.67	0.0002	0.000131	0.00029	<0.00005	0.036	0.000060	0.0047	1.12
BR02-2	HC-18	0.00111	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.03	0.0002	0.000129	0.00030	<0.00005	0.038	0.000066	0.0049	1.19
BR02-2	HC-18	0.00109	<0.00001	<0.000005	<0.05	0.00006	<0.000005	3.01	0.0002	0.000152	0.00061	<0.00005	0.042	0.000067	0.0042	0.98
BR02-2	HC-18	0.00109	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.07	0.0002	0.000148	0.00068	<0.00005	0.037	0.000066	0.0043	1.14
BR02-2	HC-18	0.00108	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.30	0.0002	0.000151	0.00019	<0.00005	0.033	0.000073	0.0040	1.15
BR02-2	HC-18	0.00103	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.96	0.0002	0.000190	0.00559	<0.00005	0.030	0.000056	0.0038	1.13
BR02-2	HC-18	0.00101	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.35	0.0002	0.000177	0.00022	<0.00005	0.036	0.000081	0.0040	1.15
BR02-2	HC-18	0.00103	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.34	0.0001	0.000163	0.00039	<0.00005	0.028	0.000057	0.0040	1.05
BR02-2	HC-18	0.00097	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.52	0.0001	0.000165	0.00014	<0.00005	0.027	0.000053	0.0040	1.04
BR02-2	HC-18	0.00122	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.59	0.0002	0.000222	0.00023	<0.00005	0.055	0.000085	0.0038	1.12
BR02-2	HC-18	0.00103	<0.00001	0.000005	<0.05	<0.00005	<0.000005	3.69	0.0002	0.000197	0.00015	0.00006	0.029	0.000066	0.0040	1.10
BR02-2	HC-18	0.00083	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.28	0.0002	0.000175	0.00012	<0.00005	0.028	0.000056	0.0034	0.97
BR02-2	HC-18	0.00078	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.25	0.0002	0.000162	0.00014	<0.00005	0.024	0.000054	0.0031	0.94
BR02-2	HC-18															
BR02-2	HC-18	0.00087	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.51	0.0003	0.000182	0.00014	<0.00005	0.029	0.000051	0.0031	1.00
BR02-2	HC-18															
BR02-2	HC-18	0.00083	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.43	0.0002	0.000144	0.00011	<0.00005	0.019	0.000044	0.0030	0.94
BR02-2	HC-18															
BR02-2	HC-18	0.00081	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.11	0.0002	0.000182	0.00011	<0.00005	0.026	0.000053	0.0028	0.85
BR02-2	HC-18															
BR02-2	HC-18	0.00188	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.20	0.0002	0.000210	0.00006	<0.00005	0.025	0.000046	0.0026	0.95
BR02-2	HC-18															
BR02-2	HC-18	0.00085	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.65	<0.0001	0.000247	0.00008	<0.00005	0.024	0.000050	0.0023	0.80
BR02-2	HC-18															
BR02-2	HC-18	0.00110	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.78	<0.0001	0.000188	0.00009	<0.00005	0.010	0.000030	0.0023	0.83
BR02-2	HC-18															
BR02-2	HC-18	0.00093	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.79	<0.0001	0.000232	0.00021	<0.00005	0.017	0.000041	0.0024	0.82
BR02-2	HC-18															
BR02-2	HC-18	0.00099	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.22	<0.0001	0.000246	0.00033	<0.00005	0.015	0.000048	0.0025	0.98
BR02-2	HC-18															
BR02-2	HC-18	0.00103	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.25	<0.0001	0.000261	0.00012	<0.00005	0.010	0.000027	0.0023	1.05
BR02-2	HC-18															
BR02-2	HC-18	0.00091	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.24	<0.0001	0.000393	0.00031	<0.00005	0.015	0.000036	0.0027	1.03
BR02-2	HC-18															
BR02-2	HC-18	0.00105	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.43	<0.0001	0.000353	0.00013	<0.00005	0.010	0.000025	0.0026	1.22
BR02-2	HC-18															
BR02-2	HC-18	0.00109	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.86	<0.0001	0.000374	0.00012	<0.00005	0.016	0.000044	0.0027	0.91
BR02-2	HC-18															
BR02-2	HC-18	0.00122	<0.00001	<0.000005	<0.05	<0.00005	0.000005	2.71	<0.0001	0.000367	0.00014	<0.00005	0.005	0.000017	0.0024	1.00
BR02-2	HC-18															
BR02-2	HC-18	0.00121	<0.00001	<0.000005	<0.05	<0.00005	0.000007	3.08	0.0001	0.000461	0.00128	<0.00005	0.004	0.000022	0.0031	1.07
BR02-2	HC-18															
BR02-2	HC-18	0.00165	<0.00001	<0.000005	<0.05	<0.00005	0.000006	3.30	<0.0001	0.000488	0.00030	<0.00005	0.005	0.000014	0.0030	1.17
BR02-2	HC-18															
BR02-2	HC-18	0.00104	<0.00001	<0.000005	<0.05	<0.00005	0.000007	2.61	<0.0001	0.000459	0.00008	<0.00005	0.004	0.000012	0.0027	1.00
BR02-2	HC-18															
BR02-2	HC-18	0.00116	<0.00001	<0.000005	<0.05	<0.00005	0.000007	2.51	<0.0001	0.000495	0.00015	<0.00005	0.002	0.000012	0.0023	0.95
BR02-2	HC-18															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-2	HC-18	0.00138	<0.00001	0.010	0.00139	0.00018	14.60	0.02040	0.00041	1.7	<0.000005	2.46	0.0112	<10	<0.00002	0.000007
BR02-2	HC-18	0.00153	<0.00001	0.009	0.00129	0.00020	9.79	0.01450	0.00018	1.2	<0.000005	1.44	0.0101	<10	<0.00002	0.000006
BR02-2	HC-18	0.00166	<0.00001	0.007	0.00137	0.00024	11.00	0.01630	0.00014	1.3	<0.000005	1.45	0.0126	<10	<0.00002	0.000007
BR02-2	HC-18	0.00175	<0.00001	0.015	0.00109	0.00022	9.25	0.01390	0.00023	1.2	<0.000005	1.13	0.0122	<10	0.00003	0.000006
BR02-2	HC-18	0.00190	<0.00001	0.004	0.00101	0.00019	8.40	0.01200	0.00009	1.3	<0.000005	0.96	0.0123	<10	0.00004	0.000007
BR02-2	HC-18	0.00218	<0.00001	0.011	0.00101	0.00019	7.33	0.01190	0.00014	1.4	<0.000005	0.66	0.0113	<10	<0.00002	0.000006
BR02-2	HC-18	0.00182	<0.00001	0.004	0.00086	0.00022	6.55	0.00972	0.00011	1.3	<0.000005	0.65	0.0115	<10	<0.00002	0.000004
BR02-2	HC-18	0.00228	<0.00001	0.004	0.00084	0.00019	6.41	0.00962	0.00017	1.6	<0.000005	0.59	0.0118	<10	<0.00002	0.000007
BR02-2	HC-18	0.00191	<0.00001	0.004	0.00081	0.00023	5.70	0.00893	0.00018	1.2	0.000005	0.49	0.0115	<10	<0.00002	0.000006
BR02-2	HC-18	0.00212	<0.00001	0.003	0.00086	0.00020	5.54	0.00925	0.00016	1.4	<0.000005	0.49	0.0112	<10	<0.00002	0.000007
BR02-2	HC-18	0.00206	<0.00001	<0.002	0.00075	0.00023	4.88	0.00775	0.00016	1.5	<0.000005	0.41	0.0108	<10	<0.00002	0.000005
BR02-2	HC-18	0.00204	<0.00001	<0.002	0.00082	0.00022	5.12	0.00840	0.00017	1.7	<0.000005	0.43	0.0108	<10	<0.00002	0.000008
BR02-2	HC-18	0.00263	<0.00001	<0.002	0.00060	0.00028	4.82	0.00800	0.00017	1.8	<0.000005	0.37	0.0108	<10	<0.00002	0.000008
BR02-2	HC-18	0.00259	<0.00001	<0.002	0.00082	0.00037	4.54	0.00771	0.00016	1.7	<0.000005	0.36	0.0112	<10	<0.00002	0.000007
BR02-2	HC-18	0.00206	<0.00001	<0.002	0.00062	0.00026	3.98	0.00678	0.00011	1.7	<0.000005	0.30	0.00928	<10	<0.00002	0.000006
BR02-2	HC-18	0.00220	<0.00001	<0.002	0.00058	0.00030	3.74	0.00651	0.00008	1.6	<0.000005	0.28	0.00912	<10	<0.00002	0.000006
BR02-2	HC-18															
BR02-2	HC-18	0.00235	<0.00001	0.021	0.00065	0.00025	3.80	0.00667	0.00007	1.9	0.000006	0.32	0.00990	<10	<0.00002	0.000007
BR02-2	HC-18															
BR02-2	HC-18	0.00247	<0.00001	<0.002	0.00063	0.00024	3.68	0.00693	0.00012	2.0	<0.000005	0.27	0.00937	<10	<0.00002	0.000002
BR02-2	HC-18															
BR02-2	HC-18	0.00269	<0.00001	0.005	0.00053	0.00034	3.06	0.00587	0.00009	1.7	0.000008	0.23	0.00807	<10	<0.00002	0.000008
BR02-2	HC-18															
BR02-2	HC-18	0.00314	<0.00001	0.002	0.00057	0.00028	3.25	0.00609	0.00011	2.0	<0.000005	0.25	0.00880	<10	<0.00002	0.000007
BR02-2	HC-18															
BR02-2	HC-18	0.00350	<0.00001	<0.002	0.00041	0.00024	2.66	0.00538	0.00007	1.6	<0.000005	0.19	0.00720	<10	<0.00002	0.000009
BR02-2	HC-18															
BR02-2	HC-18	0.00350	<0.00001	<0.002	0.00048	0.00019	2.52	0.00573	0.00007	1.7	<0.000005	0.19	0.00830	<10	<0.00002	0.000006
BR02-2	HC-18															
BR02-2	HC-18	0.00407	<0.00001	0.010	0.00048	0.00037	2.59	0.00561	0.00008	1.7	<0.000005	0.21	0.00798	<10	<0.00002	0.000007
BR02-2	HC-18															
BR02-2	HC-18	0.00498	<0.00001	0.006	0.00051	0.00031	2.79	0.00598	0.00010	2.0	<0.000005	0.23	0.00929	<10	<0.00002	0.000009
BR02-2	HC-18															
BR02-2	HC-18	0.00544	<0.00001	0.003	0.00046	0.00043	2.86	0.00631	0.00008	2.0	<0.000005	0.21	0.00960	<10	<0.00002	0.000008
BR02-2	HC-18															
BR02-2	HC-18	0.00783	<0.00001	0.003	0.00037	0.00076	2.89	0.00630	0.00007	2.0	<0.000005	0.21	0.00894	<10	<0.00002	0.000006
BR02-2	HC-18															
BR02-2	HC-18	0.00839	<0.00001	0.002	0.00050	0.00066	3.14	0.00594	0.00004	2.0	<0.000005	0.23	0.0101	<10	<0.00002	0.000009
BR02-2	HC-18															
BR02-2	HC-18	0.00829	<0.00001	0.008	0.00036	0.00103	2.77	0.00607	0.00006	1.9	<0.000005	0.20	0.00890	<10	<0.00002	0.000009
BR02-2	HC-18															
BR02-2	HC-18	0.00891	<0.00001	0.013	0.00030	0.00069	2.48	0.00595	0.00005	1.8	<0.000005	0.20	0.00922	<10	<0.00002	0.000008
BR02-2	HC-18															
BR02-2	HC-18	0.0124	<0.00001	0.007	0.00026	0.00109	2.69	0.00649	0.00010	1.9	<0.000005	0.21	0.0104	<10	<0.00002	0.000012
BR02-2	HC-18															
BR02-2	HC-18	0.0131	<0.00001	<0.002	0.00035	0.00141	2.97	0.00640	0.00005	2.5	<0.000005	0.22	0.0111	<10	<0.00002	0.000009
BR02-2	HC-18															
BR02-2	HC-18	0.0127	<0.00001	0.022	0.00027	0.00131	2.65	0.00613	0.00005	2.0	<0.000005	0.21	0.00908	<10	<0.00002	0.000008
BR02-2	HC-18															
BR02-2	HC-18	0.0142	<0.00001	0.004	0.00022	0.00163	2.48	0.00591	0.00005	2.0	<0.000005	0.18	0.00926	<10	<0.00002	0.000007
BR02-2	HC-18															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-2	HC-18	0.000009	0.0002	0.0013	0.00039	0.001030	0.0041	0.0003	<0.0001	<0.002				0.74	0.71	2.00
BR02-2	HC-18	0.000010	0.0003	0.0017	0.00026	0.000922	0.0030	0.0007	<0.0001	<0.002				0.51	0.52	-0.78
BR02-2	HC-18	0.000008	0.0003	0.0020	0.00031	0.001580	0.0034	0.0010	<0.0001	<0.002				0.59	0.60	-0.25
BR02-2	HC-18	0.000014	0.0002	0.0008	0.00020	0.002180	0.0036	0.0003	<0.0001	<0.002				0.55	0.54	1.01
BR02-2	HC-18	<0.000005	0.0001	0.0011	0.00018	0.002540	0.0032	0.0003	<0.0001	0.004				0.54	0.53	0.65
BR02-2	HC-18	0.000028	0.0001	0.0010	0.00014	0.002110	0.0032	0.0005	<0.0001	0.003				0.45	0.47	-2.50
BR02-2	HC-18	0.000006	0.0001	0.0011	0.00015	0.002620	0.0032	0.0005	<0.0001	<0.002				0.44	0.47	-2.98
BR02-2	HC-18	0.000018	0.0001	0.0007	0.00013	0.002530	0.0036	0.0005	<0.0001	<0.002				0.48	0.47	0.32
BR02-2	HC-18	0.000008	0.0002	0.0016	0.00010	0.002230	0.0030	0.0005	<0.0001	0.008				0.43	0.43	-0.35
BR02-2	HC-18	<0.000005	0.0000	0.0013	0.00011	0.002440	0.0033	0.0003	<0.0001	<0.002				0.41	0.45	-3.97
BR02-2	HC-18	0.000007	0.0000	0.0012	0.00010	0.002220	0.0030	0.0002	<0.0001	<0.002				0.39	0.42	-3.75
BR02-2	HC-18	0.000005	0.0000	0.0020	0.00009	0.002010	0.0042	0.0001	<0.0001	<0.002				0.42	0.43	-1.29
BR02-2	HC-18	0.000009	<0.00001	0.0033	0.00008	0.001400	0.0035	0.0003	<0.0001	<0.002				0.40	0.43	-3.47
BR02-2	HC-18	0.000008	<0.0002	0.0011	0.00010	0.001890	0.0036	0.0001	<0.0001	<0.002				0.40	0.42	-2.42
BR02-2	HC-18	0.000016	<0.0002	0.0008	0.00009	0.001560	0.0031	0.0003	<0.0001	<0.002				0.35	0.38	-4.17
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00007	0.001370	0.0033	0.0006	<0.0001	<0.002				0.34	0.36	-2.70
BR02-2	HC-18															
BR02-2	HC-18	0.000006	0.0014	0.0011	0.00008	0.001110	0.0037	0.0004	<0.0001	<0.002				0.36	0.38	-3.92
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	0.0008	<0.0005	0.00008	0.001020	0.0034	0.0003	<0.0001	<0.002				0.37	0.37	-0.14
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	0.0011	0.00006	0.000633	0.0022	0.0005	<0.0001	<0.002				0.33	0.33	0.00
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	0.0009	0.00006	0.000483	0.0025	0.0004	<0.0001	<0.002				0.35	0.34	0.58
BR02-2	HC-18															
BR02-2	HC-18	0.000008	<0.0002	0.0020	0.00004	0.000339	0.0016	0.0004	<0.0001	<0.002				0.24	0.28	-8.81
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	0.0006	0.00004	0.000300	0.0016	0.0003	<0.0001	<0.002				0.33	0.29	7.42
BR02-2	HC-18															
BR02-2	HC-18	0.000017	<0.0002	0.0008	0.00009	0.000213	0.0014	0.0006	<0.0001	<0.002				0.28	0.29	-0.87
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00004	0.000192	0.0014	0.0004	<0.0001	<0.002				0.33	0.33	0.45
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00003	0.000126	0.0012	0.0009	<0.0001	<0.002				0.31	0.34	-4.17
BR02-2	HC-18															
BR02-2	HC-18	0.000010	<0.0002	0.0009	0.00003	0.000087	0.0009	0.0005	<0.0001	<0.002				0.31	0.33	-4.38
BR02-2	HC-18															
BR02-2	HC-18	0.000013	<0.0002	0.0005	0.00002	0.000072	0.0011	0.0003	<0.0001	<0.002				0.31	0.37	-8.28
BR02-2	HC-18															
BR02-2	HC-18	0.000007	<0.0002	0.0011	0.00002	0.000060	0.0008	0.0006	<0.0001	<0.002				0.29	0.30	-1.51
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00001	0.000047	0.0007	0.0002	<0.0001	<0.002				0.29	0.29	0.00
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	0.0010	0.00002	0.000045	0.0005	0.0010	<0.0001	<0.002				0.31	0.32	-2.54
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00002	0.000044	0.0007	0.0005	<0.0001	<0.002				0.43	0.35	10.60
BR02-2	HC-18															
BR02-2	HC-18	0.000115	<0.0002	<0.0005	0.00001	0.000037	0.0005	0.0003	<0.0001	<0.002				0.29	0.29	0.34
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00001	0.000032	0.0006	0.0003	<0.0001	<0.002				0.31	0.28	6.28
BR02-2	HC-18															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	55	10-Feb-14	500	475	7.24	37.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	56	17-Feb-14	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	57	24-Feb-14	500	480	6.60	33.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	58	03-Mar-14	500	465		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	59	10-Mar-14	500	455	6.63	39.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	60	17-Mar-14	500	475		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	61	24-Mar-14	500	465	6.46	34.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	62	31-Mar-14	500	480		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	63	07-Apr-14	500	480	6.41	38.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	64	14-Apr-14	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	65	21-Apr-14	500	480	6.39	42.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	66	28-Apr-14	500	475		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	67	05-May-14	500	475	6.26	43.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	68	12-May-14	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	69	19-May-14	500	465	6.35	61.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	70	26-May-14	500	475		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	71	02-Jun-14	500	485	6.24	49.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	72	09-Jun-14	500	465		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	73	16-Jun-14	500	465	5.96	71.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	74	23-Jun-14	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	75	30-Jun-14	500	470	5.73	77.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	76	07-Jul-14	500	475		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	77	14-Jul-14	500	465	5.46	77.0
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	78	21-Jul-14	500	470		
BR02-2	HC-18	Llama	Greywacke	12GSE144	307.10	317.10	0.13	0.08	0.01	13.80	7.15	79	28-Jul-14	500	465	5.25	78.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	0	21-Jan-13	750	580	7.46	128
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	1	28-Jan-13	500	480	7.78	164
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	2	04-Feb-13	500	470	7.71	111
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	3	11-Feb-13	500	465	7.57	88.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	4	18-Feb-13	500	460	7.50	72.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	5	25-Feb-13	500	470	7.86	54.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	6	04-Mar-13	500	465	7.31	51.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	7	11-Mar-13	500	470	7.32	52.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	8	18-Mar-13	500	470	7.24	49.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	9	25-Mar-13	500	465	7.37	47.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	10	01-Apr-13	500	465	7.31	45.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	11	08-Apr-13	500	475	7.23	40.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	12	15-Apr-13	500	475	7.18	37.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	13	22-Apr-13	500	475	7.15	36.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	14	29-Apr-13	500	465	7.15	37.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	15	06-May-13	500	470	7.35	36.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	16	13-May-13	500	465	6.90	34.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	17	20-May-13	500	475	6.88	36.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-2	HC-18	150	12.3	<0.5	0.7	2.1	<0.05	<0.01	<0.5					11.2	0.0097	0.00013	0.01020
BR02-2	HC-18																
BR02-2	HC-18	150	11.0	<0.5	0.5	2.2	<0.05	<0.01	<0.5					9.5	0.0070	0.00009	0.00597
BR02-2	HC-18																
BR02-2	HC-18	160	11.8	<0.5	<0.5	1.7	<0.05	<0.01	<0.5					11.4	0.0046	0.00010	0.00511
BR02-2	HC-18																
BR02-2	HC-18	165	10.0	<0.5	0.8	<0.5	<0.05	<0.01	<0.5					9.4	0.0030	0.00007	0.00280
BR02-2	HC-18																
BR02-2	HC-18	165	11.8	<0.5	<0.5	<0.5	<0.05	<0.01	0.5					10.9	0.0015	0.00006	0.00192
BR02-2	HC-18																
BR02-2	HC-18	170	12.7	<0.5	1.7	0.8	<0.05	<0.01	<0.5					12.3	0.0020	0.00006	0.00234
BR02-2	HC-18																
BR02-2	HC-18	160	13.6	<0.5	0.5	<0.5	<0.05	<0.01	<0.5					12.4	0.0015	0.00006	0.00204
BR02-2	HC-18																
BR02-2	HC-18	160	20.6	<0.5	0.6	<0.5	<0.05	<0.01	<0.5					18.1	0.0026	0.00007	0.00286
BR02-2	HC-18																
BR02-2	HC-18	155	16.4	<0.5	1.1	<0.5	<0.05	<0.01	<0.5					14.6	0.0016	0.00004	0.00161
BR02-2	HC-18																
BR02-2	HC-18	150	24.6	<0.5	1.8	<0.5	<0.05	<0.01	0.7					21.3	0.0081	0.00004	0.00127
BR02-2	HC-18																
BR02-2	HC-18	165	27.5	<0.5	2.6	<0.5	<0.05	<0.01	<0.5					25.0	0.0081	0.00004	0.00104
BR02-2	HC-18																
BR02-2	HC-18	170	28.5	<0.5	4.8	0.5	<0.05	<0.01	<0.5					23.3	0.0227	0.00002	0.00069
BR02-2	HC-18																
BR02-2	HC-18	170	26.9	<0.5	4.7	<0.5	<0.05	<0.01	<0.5					21.2	0.0401	<0.00002	0.00049

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19	140	14.5	<0.5	<0.5	9.3	0.25	0.166	13.8	0.16	0.020			8.1	0.201	0.00044	0.02090
BR02-3	HC-19	160	34.9	<0.5	0.7	15.1	0.28	0.061	5.3	0.09	0.010			16.3	0.163	0.00121	0.05490
BR02-3	HC-19	135	23.3	<0.5	<0.5	14.9	0.23	0.012	0.9	<0.02	<0.005			12.0	0.151	0.00102	0.06900
BR02-3	HC-19	155	23.1	<0.5	<0.5	11.2	0.18	<0.01	0.7	<0.02	<0.005			13.9	0.123	0.00084	0.07630
BR02-3	HC-19	140	16.1	<0.5	1.0	10.7	0.18	<0.01	<0.5	<0.02	<0.005			11.8	0.157	0.00075	0.08850
BR02-3	HC-19	140	13.5	<0.5	<0.5	9.3	0.13	<0.01	0.6					11.4	0.102	0.00064	0.08110
BR02-3	HC-19	170	12.5	<0.5	<0.5	8.4	0.10	<0.01	0.7					11.7	0.0918	0.00054	0.07490
BR02-3	HC-19	150	14.7	<0.5	<0.5	7.7	0.09	<0.01	0.7					11.7	0.0875	0.00051	0.08040
BR02-3	HC-19	135	12.0	<0.5	<0.5	8.4	0.07	<0.01	0.6					12.0	0.0653	0.00042	0.07340
BR02-3	HC-19	150	10.6	<0.5	<0.5	7.6	0.08	<0.01	<0.5					10.8	0.0749	0.00036	0.07630
BR02-3	HC-19	130	9.4	<0.5	<0.5	7.0	0.06	<0.01	0.8					10.5	0.0570	0.00031	0.05930
BR02-3	HC-19	140	9.7	<0.5	<0.5	5.7	0.06	<0.01	<0.5					10.1	0.0508	0.00027	0.05570
BR02-3	HC-19	160	9.0	<0.5	<0.5	5.0	0.05	<0.01	0.6					9.7	0.0471	0.00025	0.05770
BR02-3	HC-19	150	8.2	<0.5	0.9	5.0	<0.05	<0.01	<0.5					9.2	0.0371	0.00022	0.04470
BR02-3	HC-19	140	10.2	<0.5	<0.5	4.7	<0.05	<0.01	0.6					10.6	0.0430	0.00022	0.05190
BR02-3	HC-19	120	10.2	<0.5	<0.5	4.2	<0.05	<0.01	<0.5					10.0	0.0375	0.00020	0.04950
BR02-3	HC-19	150	10.5	<0.5	<0.5	4.4	<0.05	<0.01	0.7					9.9	0.0469	0.00017	0.03990
BR02-3	HC-19	150	9.9	<0.5	<0.5	4.2	<0.05	<0.01	<0.5					10.3	0.0267	0.00015	0.03270

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-2	HC-18	0.00113	<0.00001	<0.000005	<0.05	<0.00005	0.000009	2.72	<0.0001	0.000566	0.00013	<0.00005	0.001	0.000009	0.0023	1.07
BR02-2	HC-18															
BR02-2	HC-18	0.00103	<0.00001	<0.000005	<0.05	<0.00005	0.000009	2.31	<0.0001	0.000670	0.00008	<0.00005	0.003	0.000008	0.0027	0.92
BR02-2	HC-18															
BR02-2	HC-18	0.00156	<0.00001	<0.000005	<0.05	<0.00005	0.000015	2.74	<0.0001	0.000989	0.00022	<0.00005	0.001	0.000056	0.0027	1.10
BR02-2	HC-18															
BR02-2	HC-18	0.00122	<0.00001	<0.000005	<0.05	<0.00005	0.000018	2.17	<0.0001	0.00111	0.00012	<0.00005	0.002	0.000054	0.0021	0.95
BR02-2	HC-18															
BR02-2	HC-18	0.00153	<0.00001	<0.000005	<0.05	<0.00005	0.000029	2.54	<0.0001	0.00308	0.00006	<0.00005	0.054	0.000010	0.0024	1.10
BR02-2	HC-18															
BR02-2	HC-18	0.00164	<0.00001	<0.000005	<0.05	<0.00005	0.000026	2.91	<0.0001	0.00236	0.00008	<0.00005	0.014	0.000008	0.0029	1.22
BR02-2	HC-18															
BR02-2	HC-18	0.00193	<0.00001	<0.000005	<0.05	<0.00005	0.000042	2.80	<0.0001	0.00393	0.00030	<0.00005	0.028	0.000022	0.0030	1.31
BR02-2	HC-18															
BR02-2	HC-18	0.00285	<0.00001	<0.000005	<0.05	<0.00005	0.000060	4.06	<0.0001	0.00620	0.00130	0.00006	0.084	0.000010	0.0042	1.93
BR02-2	HC-18															
BR02-2	HC-18	0.00289	<0.00001	<0.000005	<0.05	<0.00005	0.000069	3.26	<0.0001	0.00941	0.00014	0.00010	0.186	0.000018	0.0035	1.56
BR02-2	HC-18															
BR02-2	HC-18	0.00554	<0.00001	<0.000005	<0.05	<0.00005	0.000159	4.99	<0.0001	0.0267	0.00032	0.00033	0.655	0.000040	0.0048	2.13
BR02-2	HC-18															
BR02-2	HC-18	0.00787	<0.00001	<0.000005	<0.05	<0.00005	0.000232	5.41	0.0007	0.0383	0.00071	0.00063	1.08	0.000151	0.0061	2.78
BR02-2	HC-18															
BR02-2	HC-18	0.0125	0.00002	<0.000005	<0.05	<0.00005	0.000313	5.31	<0.0001	0.0615	0.00140	0.00176	1.73	0.000158	0.0066	2.44
BR02-2	HC-18															
BR02-2	HC-18	0.0151	0.00003	<0.000005	<0.05	<0.00005	0.000323	4.47	<0.0001	0.0661	0.00189	0.00303	2.06	0.000214	0.0067	2.44

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19	0.00139	<0.00001	<0.000005	0.05	0.00013	<0.000005	1.49	0.0002	0.000054	0.00087	<0.00005	0.054	0.000044	0.0124	1.07
BR02-3	HC-19	0.00234	<0.00001	<0.000005	0.11	0.00017	<0.000005	2.84	<0.0001	0.000120	0.00069	<0.00005	0.034	0.000025	0.0168	2.23
BR02-3	HC-19	0.00167	<0.00001	<0.000005	0.07	0.00009	<0.000005	1.92	0.0002	0.000103	0.00056	<0.00005	0.038	0.000021	0.0120	1.74
BR02-3	HC-19	0.00170	<0.00001	<0.000005	0.05	0.00009	<0.000005	2.06	0.0001	0.000117	0.00030	<0.00005	0.040	0.000015	0.0112	2.11
BR02-3	HC-19	0.00127	<0.00001	<0.000005	<0.05	0.00007	<0.000005	1.93	0.0002	0.000109	0.00042	<0.00005	0.043	0.000028	0.0114	1.70
BR02-3	HC-19	0.00131	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.70	0.0002	0.000115	0.00060	<0.00005	0.040	0.000049	0.0082	1.73
BR02-3	HC-19	0.00125	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.69	0.0002	0.000136	0.00097	<0.00005	0.038	0.000023	0.0078	1.82
BR02-3	HC-19	0.00118	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.62	0.0002	0.000162	0.00030	<0.00005	0.034	0.000013	0.0081	1.85
BR02-3	HC-19	0.00107	<0.00001	<0.000005	<0.05	0.00005	<0.000005	1.65	0.0001	0.000151	0.00039	<0.00005	0.028	0.000016	0.0072	1.91
BR02-3	HC-19	0.00110	<0.00001	<0.000005	<0.05	0.00005	<0.000005	1.62	0.0001	0.000115	0.00072	<0.00005	0.028	0.000023	0.0067	1.63
BR02-3	HC-19	0.00098	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.36	0.0001	0.000160	0.00034	<0.00005	0.026	0.000017	0.0061	1.72
BR02-3	HC-19	0.00099	<0.00001	<0.000005	<0.05	0.00005	<0.000005	1.36	0.0001	0.000183	0.00027	<0.00005	0.029	0.000015	0.0054	1.62
BR02-3	HC-19	0.00095	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.19	<0.0001	0.000180	0.00062	<0.00005	0.024	0.000025	0.0056	1.62
BR02-3	HC-19	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.16	<0.0001	0.000175	0.00020	<0.00005	0.017	0.000016	0.0050	1.53
BR02-3	HC-19	0.00095	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.34	<0.0001	0.000198	0.00070	<0.00005	0.021	0.000015	0.0056	1.75
BR02-3	HC-19	0.00087	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.31	<0.0001	0.000178	0.00020	<0.00005	0.016	0.000008	0.0054	1.63
BR02-3	HC-19	0.00095	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.26	<0.0001	0.000247	0.00036	<0.00005	0.047	0.000012	0.0050	1.64
BR02-3	HC-19	0.00091	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.29	<0.0001	0.000199	0.00012	<0.00005	0.012	0.000014	0.0052	1.71

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-2	HC-18	0.0167	<0.00001	0.008	0.00023	0.00186	2.59	0.00612	0.00006	2.1	<0.000005	0.21	0.00974	<10	<0.00002	0.000010
BR02-2	HC-18															
BR02-2	HC-18	0.0185	<0.00001	0.004	0.00022	0.00276	2.21	0.00552	0.00005	1.9	0.000005	0.15	0.00852	<10	<0.00002	0.000009
BR02-2	HC-18															
BR02-2	HC-18	0.0248	<0.00001	0.006	0.00015	0.00373	2.52	0.00592	0.00005	2.1	<0.000005	0.19	0.0104	<10	<0.00002	0.000011
BR02-2	HC-18															
BR02-2	HC-18	0.0238	<0.00001	0.002	0.00010	0.00402	1.97	0.00534	<0.00004	1.6	<0.000005	0.15	0.00892	<10	<0.00002	0.000011
BR02-2	HC-18															
BR02-2	HC-18	0.0373	<0.00001	<0.002	0.00011	0.00753	1.98	0.00553	0.00006	1.6	<0.000005	0.15	0.0112	<10	<0.00002	0.000010
BR02-2	HC-18															
BR02-2	HC-18	0.0366	<0.00001	0.002	0.00010	0.00803	2.32	0.00658	0.00011	1.9	<0.000005	0.18	0.0118	<10	<0.00002	0.000014
BR02-2	HC-18															
BR02-2	HC-18	0.0452	<0.00001	<0.002	0.00008	0.0112	2.37	0.00633	0.00008	1.9	<0.000005	0.18	0.0127	<10	<0.00002	0.000013
BR02-2	HC-18															
BR02-2	HC-18	0.0657	<0.00001	0.005	0.00014	0.0161	2.99	0.00859	0.00014	2.6	<0.000005	0.25	0.0207	<10	<0.00002	0.000016
BR02-2	HC-18															
BR02-2	HC-18	0.0701	<0.00001	0.003	0.00012	0.0207	2.62	0.00692	0.00012	2.3	<0.000005	0.19	0.0183	<10	<0.00002	0.000013
BR02-2	HC-18															
BR02-2	HC-18	0.128	<0.00001	0.002	0.00005	0.0470	2.82	0.00815	0.00021	2.7	<0.000005	0.21	0.0268	<10	<0.00002	0.000016
BR02-2	HC-18															
BR02-2	HC-18	0.170	<0.00001	0.005	<0.00005	0.0611	3.30	0.00904	0.00023	2.6	0.000008	0.25	0.0325	11	<0.00002	0.000020
BR02-2	HC-18															
BR02-2	HC-18	0.178	<0.00001	0.004	<0.00005	0.0897	2.98	0.00903	0.00022	3.0	<0.000005	0.22	0.0322	<10	<0.00002	0.000016
BR02-2	HC-18															
BR02-2	HC-18	0.169	<0.00001	0.004	<0.00005	0.0949	2.85	0.00819	0.00020	2.7	<0.000005	0.21	0.0307	10	<0.00002	0.000017

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19	0.00091	<0.00001	0.014	0.00472	0.00098	12.00	0.0112	0.00105	1.1	<0.000005	11.3	0.0227	<10	<0.00002	0.000009
BR02-3	HC-19	0.00166	<0.00001	0.022	0.01000	0.00147	16.30	0.0148	0.00123	1.9	<0.000005	11.8	0.0467	14	<0.00002	0.000012
BR02-3	HC-19	0.00113	0.00001	0.013	0.00422	0.00067	12.50	0.0105	0.00062	2.1	<0.000005	6.44	0.0307	<10	0.00003	0.000010
BR02-3	HC-19	0.00141	<0.00001	0.011	0.00256	0.00061	11.60	0.0107	0.00068	2.2	<0.000005	4.46	0.0335	<10	<0.00002	0.000008
BR02-3	HC-19	0.00110	<0.00001	0.010	0.00157	0.00056	9.52	0.00824	0.00029	2.8	<0.000005	2.82	0.0267	<10	<0.00002	0.000008
BR02-3	HC-19	0.00115	<0.00001	0.008	0.00122	0.00050	8.03	0.00708	0.00043	2.5	<0.000005	1.88	0.0259	<10	<0.00002	0.000007
BR02-3	HC-19	0.00115	<0.00001	0.013	0.00098	0.00060	7.18	0.00678	0.00025	2.3	<0.000005	1.44	0.0261	<10	<0.00002	0.000007
BR02-3	HC-19	0.00124	<0.00001	0.016	0.00100	0.00065	6.64	0.00589	0.00027	2.4	<0.000005	1.23	0.0265	<10	0.00003	0.000008
BR02-3	HC-19	0.00111	<0.00001	0.004	0.00085	0.00053	5.92	0.00540	0.00032	2.6	<0.000005	1.04	0.0248	<10	<0.00002	0.000006
BR02-3	HC-19	0.00097	<0.00001	0.008	0.00081	0.00046	5.68	0.00559	0.00026	3.0	<0.000005	0.79	0.0232	<10	<0.00002	0.000005
BR02-3	HC-19	0.00118	<0.00001	0.004	0.00077	0.00061	4.78	0.00439	0.00023	2.2	<0.000005	0.71	0.0214	<10	<0.00002	0.000004
BR02-3	HC-19	0.00126	<0.00001	0.003	0.00088	0.00060	4.24	0.00434	0.00022	2.6	<0.000005	0.60	0.0209	<10	<0.00002	0.000007
BR02-3	HC-19	0.00136	<0.00001	<0.002	0.00110	0.00067	4.17	0.00412	0.00019	2.1	<0.000005	0.55	0.0203	<10	<0.00002	0.000005
BR02-3	HC-19	0.00115	<0.00001	<0.002	0.00133	0.00062	3.47	0.00364	0.00017	2.0	<0.000005	0.46	0.0192	<10	<0.00002	0.000006
BR02-3	HC-19	0.00129	<0.00001	<0.002	0.00154	0.00072	3.87	0.00388	0.00020	2.6	<0.000005	0.52	0.0206	<10	<0.00002	0.000005
BR02-3	HC-19	0.00141	<0.00001	<0.002	0.00146	0.00073	3.68	0.00380	0.00019	2.5	<0.000005	0.45	0.0198	<10	<0.00002	0.000006
BR02-3	HC-19	0.00175	<0.00001	<0.002	0.00115	0.00081	3.30	0.00368	0.00019	2.5	<0.000005	0.40	0.0198	<10	<0.00002	0.000006
BR02-3	HC-19	0.00147	<0.00001	<0.002	0.00124	0.00081	3.28	0.00342	0.00016	2.4	<0.000005	0.38	0.0199	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00002	0.000038	0.0006	0.0004	<0.0001	<0.002				0.41	0.30	15.10
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000030	0.0003	0.0003	<0.0001	<0.002				0.27	0.26	3.59
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	0.00001	0.000034	0.0003	0.0006	<0.0001	<0.002				0.28	0.30	-3.60
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000022	<0.0002	0.0010	<0.0001	<0.002				0.21	0.25	-8.41
BR02-2	HC-18															
BR02-2	HC-18	0.000005	<0.0002	<0.0005	<0.00001	0.000031	<0.0002	0.0006	<0.0001	<0.002				0.26	0.28	-3.15
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	0.0007	<0.00001	0.000031	0.0002	0.0005	<0.0001	<0.002				0.28	0.32	-5.70
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000043	<0.0002	0.0008	<0.0001	<0.002				0.28	0.32	-5.80
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000054	<0.0002	0.0014	<0.0001	<0.002				0.43	0.45	-2.83
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000048	<0.0002	0.0023	<0.0001	<0.002				0.34	0.38	-4.88
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000104	<0.0002	0.0066	<0.0001	<0.002				0.531	0.535	-0.380
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000221	<0.0002	0.0124	<0.0001	<0.002				0.574	0.640	-5.44
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000443	<0.0002	0.0189	<0.0001	<0.002				0.604	0.623	-1.55
BR02-2	HC-18															
BR02-2	HC-18	<0.000005	<0.0002	<0.0005	<0.00001	0.000635	<0.0002	0.0214	<0.0001	<0.002				0.560	0.591	-2.69

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19	0.000035	0.0001	0.0018	0.00133	0.000038	0.0005	0.0004	<0.0001	<0.002				0.89	0.99	-5.17
BR02-3	HC-19	0.000007	0.0002	0.0008	0.00159	0.000320	0.0015	0.0005	<0.0001	<0.002				1.19	1.27	-3.28
BR02-3	HC-19	0.000010	0.0001	0.0017	0.00161	0.000223	0.0015	0.0003	<0.0001	<0.002				0.82	0.86	-2.03
BR02-3	HC-19	0.000011	0.0000	0.0007	0.00104	0.000246	0.0017	0.0002	<0.0001	<0.002				0.73	0.78	-3.23
BR02-3	HC-19	0.000012	0.0002	0.0007	0.00083	0.000228	0.0022	0.0002	<0.0001	<0.002				0.56	0.62	-5.34
BR02-3	HC-19	0.000013	0.0018	0.0010	0.00069	0.000199	0.0019	0.0017	<0.0001	<0.002				0.49	0.53	-3.43
BR02-3	HC-19	0.000010	0.0001	0.0015	0.00056	0.000166	0.0017	0.0003	<0.0001	<0.002				0.45	0.49	-4.35
BR02-3	HC-19	0.000016	0.0001	0.0005	0.00046	0.000182	0.0022	0.0003	<0.0001	<0.002				0.49	0.47	2.10
BR02-3	HC-19	<0.000005	0.0001	0.0006	0.00038	0.000161	0.0018	0.0003	<0.0001	<0.002				0.44	0.45	-0.56
BR02-3	HC-19	0.000019	0.0001	<0.0005	0.00035	0.000142	0.0020	0.0004	<0.0001	0.011				0.38	0.40	-3.59
BR02-3	HC-19	0.000015	0.0001	0.0007	0.00031	0.000134	0.0019	0.0004	<0.0001	<0.002				0.36	0.37	-1.23
BR02-3	HC-19	0.000012	0.0001	<0.0005	0.00027	0.000111	0.0016	0.0002	<0.0001	<0.002				0.32	0.34	-3.78
BR02-3	HC-19	0.000027	0.0003	<0.0005	0.00023	0.000095	0.0018	0.0008	<0.0001	<0.002				0.31	0.33	-3.94
BR02-3	HC-19	<0.000005	0.0000	<0.0005	0.00021	0.000085	0.0014	<0.0001	<0.0001	<0.002				0.27	0.30	-4.75
BR02-3	HC-19	0.000007	0.0000	0.0011	0.00019	0.000092	0.0016	0.0008	<0.0001	<0.002				0.32	0.34	-2.58
BR02-3	HC-19	<0.000005	0.0000	0.0006	0.00017	0.000073	0.0023	<0.0001	0.0001	<0.002				0.30	0.32	-3.41
BR02-3	HC-19	<0.000005	<0.00001	0.0006	0.00013	0.000101	0.0012	0.0002	<0.0001	<0.002				0.32	0.31	2.69
BR02-3	HC-19	0.000018	<0.0002	<0.0005	0.00014	0.000065	0.0015	0.0002	<0.0001	<0.002				0.29	0.31	-3.33

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	18	27-May-13	500	480	7.31	33.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	19	03-Jun-13	500	480	7.25	33.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	20	10-Jun-13	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	21	17-Jun-13	500	470	7.20	36.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	22	24-Jun-13	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	23	01-Jul-13	500	485	7.64	36.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	24	08-Jul-13	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	25	15-Jul-13	500	455	7.02	33.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	26	22-Jul-13	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	27	29-Jul-13	500	465	7.24	31.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	28	05-Aug-13	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	29	12-Aug-13	500	480	7.07	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	30	19-Aug-13	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	31	26-Aug-13	500	455	7.03	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	32	02-Sep-13	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	33	09-Sep-13	500	475	6.86	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	34	16-Sep-13	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	35	23-Sep-13	500	470	7.22	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	36	30-Sep-13	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	37	07-Oct-13	500	465	6.89	32.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	38	14-Oct-13	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	39	21-Oct-13	500	470	6.94	26.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	40	28-Oct-13	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	41	04-Nov-13	500	470	6.50	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	42	11-Nov-13	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	43	18-Nov-13	500	470	6.83	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	44	25-Nov-13	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	45	02-Dec-13	500	460	6.62	26.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	46	09-Dec-13	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	47	16-Dec-13	500	450	6.82	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	48	23-Dec-13	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	49	30-Dec-13	500	455	6.62	34.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	50	06-Jan-14	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	51	13-Jan-14	500	455	6.52	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	52	20-Jan-14	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	53	27-Jan-14	500	460	6.34	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	54	03-Feb-14	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	55	10-Feb-14	500	445	6.71	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	56	17-Feb-14	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	57	24-Feb-14	500	470	6.35	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	58	03-Mar-14	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	59	10-Mar-14	500	465	6.45	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	60	17-Mar-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	61	24-Mar-14	500	485	6.34	28.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	62	31-Mar-14	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	63	07-Apr-14	500	475	6.31	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	64	14-Apr-14	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	65	21-Apr-14	500	485	6.31	29.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	66	28-Apr-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	67	05-May-14	500	465	6.23	28.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	68	12-May-14	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19	145	8.9	<0.5	<0.5	3.9	<0.05	<0.01	<0.5					9.2	0.0370	0.00017	0.04600
BR02-3	HC-19	140	8.1	<0.5	<0.5	4.5	<0.05	<0.01	0.8					9.5	0.0273	0.00015	0.03890
BR02-3	HC-19																
BR02-3	HC-19	130	8.8	<0.5	<0.5	4.3	<0.05	<0.01	<0.5					9.6	0.0367	0.00020	0.04990
BR02-3	HC-19																
BR02-3	HC-19	120	9.0	<0.5	<0.5	5.1	<0.05	<0.01	0.5					10.7	0.0133	0.00014	0.02250
BR02-3	HC-19																
BR02-3	HC-19	145	8.3	<0.5	<0.5	3.7	<0.05	<0.01	0.9					8.6	0.0252	0.00011	0.02860
BR02-3	HC-19																
BR02-3	HC-19	140	8.6	<0.5	<0.5	4.0	<0.05	<0.01	<0.5					8.2	0.0268	0.00011	0.02430
BR02-3	HC-19																
BR02-3	HC-19	135	7.6	<0.5	<0.5	2.2	<0.05	<0.01	<0.5					8.3	0.0198	0.00010	0.02200
BR02-3	HC-19																
BR02-3	HC-19	125	8.2	<0.5	<0.5	3.4	<0.05	<0.01	<0.5					7.9	0.0141	0.00008	0.01760
BR02-3	HC-19																
BR02-3	HC-19	150	8.2	<0.5	0.5	2.8	<0.05	<0.01	<0.5					8.0	0.0112	0.00009	0.02110
BR02-3	HC-19																
BR02-3	HC-19	140	8.1	<0.5	<0.5	2.7	<0.05	<0.01	0.6					8.0	0.0081	0.00007	0.01140
BR02-3	HC-19																
BR02-3	HC-19	135	9.6	<0.5	<0.5	2.3	<0.05	<0.01	<0.5					10.4	0.0079	0.00007	0.01220
BR02-3	HC-19																
BR02-3	HC-19	130	8.7	<0.5	<0.5	2.3	<0.05	<0.01	<0.5					8.3	0.0086	0.00006	0.01010
BR02-3	HC-19																
BR02-3	HC-19	120	9.1	<0.5	<0.5	2.3	<0.05	<0.01	<0.5					10.2	0.0075	0.00007	0.00903
BR02-3	HC-19																
BR02-3	HC-19	130	9.1	<0.5	<0.5	1.9	<0.05	<0.01	<0.5					8.2	0.0033	0.00005	0.00765
BR02-3	HC-19																
BR02-3	HC-19	150	8.1	<0.5	<0.5	1.1	<0.05	<0.01	<0.5					7.4	0.0042	0.00004	0.00483
BR02-3	HC-19																
BR02-3	HC-19	145	10.3	<0.5	<0.5	0.7	<0.05	<0.01	0.7					9.1	0.0030	0.00004	0.00419
BR02-3	HC-19																
BR02-3	HC-19	140	11.4	<0.5	0.7	1.3	<0.05	<0.01	<0.5					9.8	0.0040	0.00005	0.00482
BR02-3	HC-19																
BR02-3	HC-19	145	9.8	<0.5	<0.5	1.4	<0.05	<0.01	<0.5					9.0	0.0022	0.00003	0.00430
BR02-3	HC-19																
BR02-3	HC-19	150	9.7	<0.5	<0.5	1.2	<0.05	<0.01	<0.5					8.1	0.0020	0.00003	0.00403
BR02-3	HC-19																
BR02-3	HC-19	145	11.4	<0.5	<0.5	0.7	<0.05	<0.01	<0.5					8.6	0.0019	0.00003	0.00372
BR02-3	HC-19																
BR02-3	HC-19	145	10.7	<0.5	0.6	1.2	<0.05	<0.01	<0.5					8.7	0.0031	0.00003	0.00434
BR02-3	HC-19																
BR02-3	HC-19	155	9.5	<0.5	0.6	1.6	<0.05	<0.01	<0.5					8.8	0.0018	0.00004	0.00417
BR02-3	HC-19																
BR02-3	HC-19	150	10.7	<0.5	0.5	0.6	<0.05	<0.01	<0.5					7.0	0.0014	0.00003	0.00343
BR02-3	HC-19																
BR02-3	HC-19	155	8.7	<0.5	<0.5	0.5	<0.05	<0.01	<0.5					7.9	0.0018	0.00003	0.00281
BR02-3	HC-19																
BR02-3	HC-19	140	8.4	<0.5	0.6	0.7	<0.05	<0.01	<0.5					8.1	0.0013	0.00003	0.00303
BR02-3	HC-19																
BR02-3	HC-19	150	8.7	<0.5	0.7	0.5	<0.05	<0.01	<0.5					8.0	0.0015	0.00003	0.00299
BR02-3	HC-19																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19	0.00079	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.13	0.0001	0.000159	0.00012	<0.00005	0.017	0.000009	0.0051	1.55
BR02-3	HC-19	0.00079	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.16	<0.0001	0.000156	0.00014	<0.00005	0.011	0.000008	0.0045	1.60
BR02-3	HC-19															
BR02-3	HC-19	0.00078	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.16	0.0004	0.000161	0.00016	<0.00005	0.019	0.000014	0.0048	1.62
BR02-3	HC-19															
BR02-3	HC-19	0.01220	<0.00001	<0.000005	<0.05	<0.00005	0.000027	1.44	0.0001	0.000118	0.00072	<0.00005	0.008	0.000018	0.0042	1.72
BR02-3	HC-19															
BR02-3	HC-19	0.00125	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.02	<0.0001	0.000163	0.00014	<0.00005	0.014	0.000009	0.0042	1.46
BR02-3	HC-19															
BR02-3	HC-19	0.00093	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.94	0.0001	0.000167	0.00008	<0.00005	0.011	0.000009	0.0041	1.42
BR02-3	HC-19															
BR02-3	HC-19	0.00075	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.99	<0.0001	0.000174	0.00015	<0.00005	0.007	<0.000005	0.0041	1.42
BR02-3	HC-19															
BR02-3	HC-19	0.00366	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.91	<0.0001	0.000176	0.00006	<0.00005	0.002	<0.000005	0.0041	1.38
BR02-3	HC-19															
BR02-3	HC-19	0.00092	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.91	<0.0001	0.000165	0.00017	<0.00005	0.002	<0.000005	0.0040	1.39
BR02-3	HC-19															
BR02-3	HC-19	0.00081	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.92	<0.0001	0.000224	0.00028	<0.00005	0.003	0.000017	0.0037	1.39
BR02-3	HC-19															
BR02-3	HC-19	0.00096	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.10	<0.0001	0.000237	0.00006	<0.00005	0.001	<0.000005	0.0039	1.86
BR02-3	HC-19															
BR02-3	HC-19	0.00073	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.96	<0.0001	0.000210	0.00014	<0.00005	0.002	<0.000005	0.0044	1.43
BR02-3	HC-19															
BR02-3	HC-19	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.09	<0.0001	0.000287	0.00017	<0.00005	0.001	<0.000005	0.0040	1.82
BR02-3	HC-19															
BR02-3	HC-19	0.00083	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.89	<0.0001	0.000263	0.00014	<0.00005	0.001	0.000009	0.0037	1.44
BR02-3	HC-19															
BR02-3	HC-19	0.00078	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.80	<0.0001	0.000249	0.00030	<0.00005	<0.001	0.000035	0.0035	1.32
BR02-3	HC-19															
BR02-3	HC-19	0.00097	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.01	<0.0001	0.000369	0.00057	<0.00005	<0.001	<0.000005	0.0036	1.60
BR02-3	HC-19															
BR02-3	HC-19	0.00104	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.08	<0.0001	0.000342	0.00019	<0.00005	0.001	<0.000005	0.0037	1.73
BR02-3	HC-19															
BR02-3	HC-19	0.00093	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.97	<0.0001	0.000362	0.00023	<0.00005	0.001	<0.000005	0.0038	1.60
BR02-3	HC-19															
BR02-3	HC-19	0.00077	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.88	<0.0001	0.000351	0.00010	<0.00005	<0.001	<0.000005	0.0034	1.44
BR02-3	HC-19															
BR02-3	HC-19	0.00091	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.93	<0.0001	0.000467	0.00018	<0.00005	0.002	0.000005	0.0030	1.54
BR02-3	HC-19															
BR02-3	HC-19	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.91	<0.0001	0.000387	0.00011	<0.00005	0.004	<0.000005	0.0038	1.55
BR02-3	HC-19															
BR02-3	HC-19	0.00153	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.95	<0.0001	0.000410	0.00014	<0.00005	0.001	<0.000005	0.0041	1.57
BR02-3	HC-19															
BR02-3	HC-19	0.00085	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.75	<0.0001	0.000402	0.00009	<0.00005	0.001	<0.000005	0.0032	1.25
BR02-3	HC-19															
BR02-3	HC-19	0.00087	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.85	<0.0001	0.000478	0.00012	<0.00005	0.001	<0.000005	0.0032	1.41
BR02-3	HC-19															
BR02-3	HC-19	0.00089	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.84	<0.0001	0.000540	0.00009	<0.00005	<0.001	<0.000005	0.0034	1.45
BR02-3	HC-19															
BR02-3	HC-19	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.78	<0.0001	0.000573	0.00031	<0.00005	<0.001	<0.000005	0.0033	1.46
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19	0.00134	<0.00001	<0.002	0.00105	0.00069	3.23	0.00333	0.00021	3.0	<0.000005	0.38	0.0174	<10	<0.00002	0.000007
BR02-3	HC-19	0.00143	<0.00001	<0.002	0.00081	0.00089	3.16	0.00359	0.00014	2.9	<0.000005	0.35	0.0170	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19	0.00157	<0.00001	0.022	0.00068	0.00079	3.08	0.00372	0.00011	3.5	<0.000005	0.38	0.0166	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19	0.00197	<0.00001	0.004	0.00051	0.00093	2.84	0.00324	0.00034	2.9	<0.000005	0.31	0.0171	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00181	<0.00001	0.007	0.00041	0.00086	2.51	0.00278	0.00013	2.9	<0.000005	0.27	0.0147	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00191	<0.00001	<0.002	0.00031	0.00081	2.38	0.00320	0.00015	2.7	<0.000005	0.27	0.0152	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00201	<0.00001	<0.002	0.00029	0.00082	2.49	0.00310	0.00012	2.9	<0.000005	0.26	0.0144	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19	0.00226	<0.00001	<0.002	0.00022	0.00080	2.16	0.00320	0.00014	2.5	<0.000005	0.21	0.0151	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19	0.00256	<0.00001	0.010	0.00027	0.00092	2.50	0.00335	0.00013	3.1	<0.000005	0.26	0.0150	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00303	<0.00001	0.006	0.00023	0.00112	2.19	0.00316	0.00013	2.3	<0.000005	0.21	0.0152	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00362	<0.00001	0.004	0.00021	0.00132	2.67	0.00374	0.00012	3.0	<0.000005	0.26	0.0180	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00371	<0.00001	<0.002	0.00023	0.00128	2.30	0.00346	0.00012	2.8	<0.000005	0.21	0.0145	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19	0.00464	<0.00001	0.003	0.00021	0.00152	2.37	0.00339	0.00010	2.9	<0.000005	0.23	0.0172	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.00458	<0.00001	0.008	0.00016	0.00171	2.12	0.00345	0.00012	2.6	<0.000005	0.20	0.0148	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00441	<0.00001	0.008	0.00006	0.00145	1.77	0.00314	0.00011	1.8	<0.000005	0.16	0.0136	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.00662	<0.00001	0.007	0.00009	0.00207	1.93	0.00350	0.00011	1.8	<0.000005	0.19	0.0190	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19	0.00686	<0.00001	0.005	0.00019	0.00232	2.16	0.00340	0.00014	2.2	<0.000005	0.21	0.0192	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.00692	<0.00001	0.017	0.00014	0.00234	1.93	0.00306	0.00013	1.9	<0.000005	0.19	0.0175	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19	0.00677	<0.00001	0.003	0.00010	0.00220	1.84	0.00286	0.00011	1.9	<0.000005	0.16	0.0151	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19	0.00881	<0.00001	0.009	0.00009	0.00289	1.73	0.00310	0.00011	1.8	<0.000005	0.18	0.0177	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.00822	<0.00001	0.004	0.00010	0.00274	1.91	0.00320	0.00011	2.2	<0.000005	0.17	0.0165	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.00876	<0.00001	0.005	0.00010	0.00275	1.98	0.00322	0.00011	2.3	<0.000005	0.17	0.0168	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.00812	<0.00001	0.005	0.00008	0.00273	1.57	0.00296	0.00010	2.0	<0.000005	0.15	0.0143	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19	0.00943	<0.00001	<0.002	0.00010	0.00317	1.69	0.00298	0.00009	2.2	<0.000005	0.15	0.0160	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19	0.0104	<0.00001	0.005	0.00011	0.00376	1.82	0.00326	0.00012	2.5	<0.000005	0.17	0.0161	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.0118	<0.00001	0.002	0.00008	0.00405	1.71	0.00302	0.00010	1.9	<0.000005	0.16	0.0165	<10	<0.00002	0.000009
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00017	0.000074	0.0015	0.0001	<0.0001	<0.002				0.26	0.29	-4.35
BR02-3	HC-19	0.000008	<0.0002	<0.0005	0.00015	0.000055	0.0018	<0.0001	<0.0001	<0.002				0.28	0.29	-1.93
BR02-3	HC-19															
BR02-3	HC-19	0.000006	0.0014	0.0007	0.00018	0.000049	0.0026	0.0003	<0.0001	<0.002				0.27	0.29	-3.91
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	0.0004	<0.0005	0.00010	0.000016	0.0006	0.0022	<0.0001	<0.002				0.31	0.30	0.49
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00011	0.000042	0.0009	0.0003	<0.0001	<0.002				0.27	0.25	4.20
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00010	0.000040	0.0009	0.0001	<0.0001	<0.002				0.26	0.24	3.61
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00010	0.000029	0.0010	0.0002	<0.0001	<0.002				0.20	0.24	-8.97
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00008	0.000029	0.0007	0.0012	<0.0001	<0.002				0.24	0.23	2.81
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00013	0.000028	0.0009	0.0001	<0.0001	<0.002				0.23	0.24	-1.94
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00005	0.000021	0.0005	0.0003	<0.0001	<0.002				0.24	0.23	2.58
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00005	0.000020	0.0006	0.0002	<0.0001	<0.002				0.25	0.29	-7.87
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00004	0.000017	0.0005	0.0002	<0.0001	<0.002				0.23	0.23	-1.74
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00004	0.000018	0.0004	0.0003	<0.0001	<0.002				0.24	0.28	-7.60
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00003	0.000017	0.0004	0.0005	<0.0001	<0.002				0.23	0.23	0.22
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00002	0.000013	0.0002	0.0008	<0.0001	<0.002				0.19	0.20	-2.55
BR02-3	HC-19															
BR02-3	HC-19	0.000006	<0.0002	<0.0005	0.00002	0.000015	0.0002	0.0001	<0.0001	<0.002				0.25	0.24	1.84
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00002	0.000012	0.0002	0.0002	<0.0001	<0.002				0.26	0.26	0.57
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00001	0.000012	<0.0002	0.0006	<0.0001	<0.002				0.23	0.24	-1.28
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	0.0003	0.0007	<0.0001	<0.002				0.23	0.22	2.03
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	0.0002	0.0006	<0.0001	<0.002				0.25	0.23	5.66
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00001	0.000012	0.0002	0.0008	<0.0001	<0.002				0.25	0.23	3.35
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00001	0.000012	0.0002	0.0005	<0.0001	<0.002				0.23	0.24	-0.86
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0004	<0.0001	<0.002				0.23	0.19	10.90
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0001	<0.0001	<0.002				0.19	0.21	-4.50
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	0.0008	<0.00001	0.000013	0.0003	0.0004	<0.0001	<0.002				0.19	0.22	-6.67
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	<0.0002	0.0002	<0.0001	<0.002				0.19	0.21	-4.48
BR02-3	HC-19															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	69	19-May-14	500	470	6.22	30.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	70	26-May-14	500	440		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	71	02-Jun-14	500	490	6.19	25.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	72	09-Jun-14	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	73	16-Jun-14	500	465	6.21	26.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	74	23-Jun-14	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	75	30-Jun-14	500	455	6.20	26.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	76	07-Jul-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	77	14-Jul-14	500	470	6.19	25.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	78	21-Jul-14	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	79	28-Jul-14	500	485	6.18	25.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	80	04-Aug-14	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	81	11-Aug-14	500	475	6.24	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	82	18-Aug-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	83	25-Aug-14	500	455	6.54	32.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	84	01-Sep-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	85	08-Sep-14	500	470	6.17	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	86	15-Sep-14	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	87	22-Sep-14	500	470	6.08	24.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	88	29-Sep-14	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	89	06-Oct-14	500	470	6.07	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	90	13-Oct-14	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	91	20-Oct-14	500	490	6.19	22.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	92	27-Oct-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	93	03-Nov-14	500	455	6.08	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	94	10-Nov-14	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	95	17-Nov-14	500	480	6.02	25.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	96	24-Nov-14	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	97	01-Dec-14	500	485	6.00	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	98	08-Dec-14	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	99	15-Dec-14	500	465	5.93	19.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	100	22-Dec-14	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	101	29-Dec-14	500	460	5.89	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	102	05-Jan-15	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	103	12-Jan-15	500	455	5.88	25.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	104	19-Jan-15	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	105	26-Jan-15	500	490	6.02	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	106	02-Feb-15	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	107	09-Feb-15	500	475	5.88	25.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	108	16-Feb-15	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	109	23-Feb-15	500	475	5.95	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	110	02-Mar-15	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	111	09-Mar-15	500	475	6.00	22.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	112	16-Mar-15	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	113	23-Mar-15	500	475	5.94	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	114	30-Mar-15	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	115	06-Apr-15	500	475	5.90	22.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	116	13-Apr-15	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	117	20-Apr-15	500	480	5.99	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	118	27-Apr-15	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	119	04-May-15	500	480	5.85	21.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19	150	9.6	<0.5	<0.5	0.8	<0.05	<0.01	<0.5					8.5	0.0016	0.00003	0.00278
BR02-3	HC-19																
BR02-3	HC-19	145	7.2	<0.5	1.1	0.5	<0.05	<0.01	0.7					6.4	0.0022	0.00002	0.00243
BR02-3	HC-19																
BR02-3	HC-19	140	8.7	<0.5	<0.5	0.8	<0.05	<0.01	<0.5					7.0	0.0045	0.00002	0.00253
BR02-3	HC-19																
BR02-3	HC-19	160	8.5	<0.5	1.0	1.0	<0.05	<0.01	<0.5					8.1	0.0015	0.00003	0.00253
BR02-3	HC-19																
BR02-3	HC-19	155	8.2	<0.5	<0.5	0.7	<0.05	<0.01	<0.5					7.4	0.0015	0.00002	0.00268
BR02-3	HC-19																
BR02-3	HC-19	150	8.9	<0.5	0.6	0.7	<0.05	<0.01	<0.5					7.3	0.0007	0.00004	0.00234
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	110	7.4	<0.5	0.7	0.5			<0.5					7.3	0.0020	<0.00002	0.00216
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	150	8.3	<0.5	0.8	1.0			<0.5					8.1	0.0015	<0.00002	0.00279
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	160	7.5	<0.5	1.8	0.9			<0.5					6.0	0.0017	<0.00002	0.00183
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	155	8.4	<0.5	1.1	<0.5			<0.5					6.9	0.0016	<0.00002	0.00208
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	160	5.5	<0.5	0.9	<0.5			<0.5					5.8	0.0068	<0.00002	0.00210
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	130	8.6	<0.5	0.8	<0.5			<0.5					7.4	0.0015	<0.00002	0.00224
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	165	9.1	<0.5	0.7	<0.5			<0.5					7.6	0.0022	<0.00002	0.00163
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	120	7.5	<0.5	1.4	<0.5			<0.5					6.6	0.0012	<0.00002	0.00190
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	160	7.8	<0.5	<0.5	1.2			<0.5					6.2	0.0090	<0.00002	0.00175
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	130	6.3	<0.5	0.9	0.7			<0.5					5.9	0.0020	<0.00002	0.00180

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19	0.00102	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.87	<0.0001	0.000617	0.00048	<0.00005	0.001	0.000013	0.0035	1.52
BR02-3	HC-19															
BR02-3	HC-19	0.00096	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.68	<0.0001	0.000584	0.00050	<0.00005	0.003	0.000006	0.0029	1.15
BR02-3	HC-19															
BR02-3	HC-19	0.00105	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.80	<0.0001	0.000663	0.00020	<0.00005	0.009	0.000018	0.0031	1.22
BR02-3	HC-19															
BR02-3	HC-19	0.00104	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.84	<0.0001	0.000708	0.00009	<0.00005	0.005	0.000008	0.0035	1.46
BR02-3	HC-19															
BR02-3	HC-19	0.00099	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.80	<0.0001	0.000664	0.00008	<0.00005	<0.001	<0.000005	0.0030	1.32
BR02-3	HC-19															
BR02-3	HC-19	0.00096	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.77	<0.0001	0.000737	0.00014	<0.00005	0.002	0.000009	0.0031	1.31
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00096	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.75	<0.0001	0.000849	0.00026	<0.00005	0.001	<0.000005	0.0030	1.32
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00111	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.82	<0.0001	0.00104	0.00020	<0.00005	0.002	0.000009	0.0027	1.46
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00105	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.64	<0.0001	0.00113	0.00021	<0.00005	0.003	<0.000005	0.0026	1.06
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00116	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.74	<0.0001	0.00129	0.00014	<0.00005	0.002	0.000010	0.0028	1.23
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00104	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.64	<0.0001	0.00130	0.00020	<0.00005	0.010	0.000007	0.0025	1.02
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00135	<0.00001	<0.000005	<0.05	<0.00005	0.000010	0.82	<0.0001	0.00180	0.00027	<0.00005	0.003	0.000017	0.0035	1.30
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00161	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.87	<0.0001	0.00210	0.00041	<0.00005	0.004	0.000011	0.0025	1.33
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00144	<0.00001	<0.000005	<0.05	<0.00005	0.000005	0.71	<0.0001	0.00198	0.00026	<0.00005	0.003	0.000008	0.0029	1.18
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00129	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.67	<0.0001	0.00191	0.00059	<0.00005	0.018	0.000018	0.0027	1.09
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00127	<0.00001	<0.000005	<0.05	<0.00005	0.000007	0.71	<0.0001	0.00214	0.00032	0.00013	0.007	0.000005	0.0027	1.00

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19	0.0131	<0.00001	0.005	0.00011	0.00444	1.81	0.00335	0.00010	2.4	<0.000005	0.18	0.0187	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19	0.0109	<0.00001	0.004	0.00011	0.00383	1.61	0.00320	0.00011	2.2	<0.000005	0.14	0.0149	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19	0.0135	<0.00001	<0.002	0.00007	0.00438	1.60	0.00328	0.00011	2.3	<0.000005	0.14	0.0158	<10	<0.00002	0.000012
BR02-3	HC-19															
BR02-3	HC-19	0.0153	<0.00001	0.005	0.00007	0.00455	1.88	0.00337	0.00010	2.4	<0.000005	0.16	0.0165	<10	<0.00002	0.000010
BR02-3	HC-19															
BR02-3	HC-19	0.0137	<0.00001	0.005	0.00006	0.00440	1.73	0.00340	0.00008	2.5	<0.000005	0.14	0.0147	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19	0.0141	<0.00001	0.004	0.00005	0.00493	1.62	0.00321	0.00009	2.2	<0.000005	0.13	0.0158	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0155	<0.00001	<0.002	<0.00005	0.00518	1.47	0.00279	0.00013	2.0	<0.000005	0.11	0.0147	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0175	<0.00001	0.002	<0.00005	0.00607	1.40	0.00263	0.00010	1.8	<0.000005	0.13	0.0155	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0161	<0.00001	<0.002	<0.00005	0.00668	1.19	0.00243	0.00008	1.7	<0.000005	0.10	0.0138	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0192	<0.00001	0.003	<0.00005	0.00784	1.35	0.00304	0.00009	1.9	<0.000005	0.11	0.0154	<10	<0.00002	0.000011
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0170	<0.00001	0.011	<0.00005	0.00732	0.98	0.00215	0.00008	1.4	<0.000005	0.13	0.0127	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0233	<0.00001	0.004	<0.00005	0.00955	1.24	0.00287	0.00009	1.6	<0.000005	0.16	0.0165	<10	<0.00002	0.000013
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0260	<0.00001	0.003	<0.00005	0.0112	1.19	0.00277	0.00009	1.6	<0.000005	0.12	0.0176	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0230	<0.00001	0.006	<0.00005	0.00987	1.17	0.00283	0.00008	2.0	<0.000005	0.13	0.0149	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0223	<0.00001	0.002	<0.00005	0.00950	1.05	0.00266	0.00007	1.9	<0.000005	0.11	0.0137	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0225	<0.00001	<0.002	<0.00005	0.0103	1.00	0.00286	0.00008	2.0	<0.000005	0.11	0.0136	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000022	<0.0002	0.0002	<0.0001	<0.002				0.22	0.22	-1.36
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000013	<0.0002	0.0004	<0.0001	<0.002				0.18	0.18	1.12
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	<0.0002	0.0006	<0.0001	<0.002				0.197	0.188	2.34
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0006	<0.0001	<0.002				0.199	0.219	-4.78
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0004	<0.0001	<0.002				0.184	0.199	-3.92
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0002	<0.0001	<0.002				0.201	0.194	1.77
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00001	0.000013	<0.0002	0.0002	<0.0001	<0.002				0.165	0.189	-6.78
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0002	<0.0001	<0.002				0.192	0.203	-2.78
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0003	<0.0001	<0.002				0.174	0.155	5.78
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0002	<0.0001	<0.002				0.176	0.178	-0.56
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000017	<0.0002	0.0005	<0.0001	<0.002				0.115	0.148	-12.55
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	<0.0002	0.0004	<0.0001	<0.002				0.179	0.188	-2.45
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	<0.0002	0.0012	<0.0001	<0.002				0.190	0.190	0.00
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	0.0008	0.0005	<0.0001	<0.002				0.156	0.169	-4.00
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	0.0004	0.0003	<0.0001	<0.002				0.186	0.157	8.45
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	0.0005	0.0003	<0.0001	<0.002				0.145	0.150	-1.69

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	120	11-May-15	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	121	18-May-15	500	470	5.95	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	122	25-May-15	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	123	01-Jun-15	500	475	5.94	20.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	124	08-Jun-15	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	125	15-Jun-15	500	480	6.02	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	126	22-Jun-15	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	127	29-Jun-15	500	455	5.93	20.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	128	06-Jul-15	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	129	13-Jul-15	500	470	5.94	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	130	20-Jul-15	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	131	27-Jul-15	500	460	5.91	22.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	132	03-Aug-15	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	133	10-Aug-15	500	475	5.96	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	134	17-Aug-15	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	135	24-Aug-15	500	485	6.05	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	136	31-Aug-15	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	137	07-Sep-15	500	465	5.81	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	138	14-Sep-15	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	139	21-Sep-15	500	465	5.78	20.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	140	28-Sep-15	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	141	05-Oct-15	500	480	5.83	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	142	12-Oct-15	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	143	19-Oct-15	500	480	5.77	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	144	26-Oct-15	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	145	02-Nov-15	500	495	5.87	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	146	09-Nov-15	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	147	16-Nov-15	500	465	5.78	20.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	148	23-Nov-15	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	149	30-Nov-15	500	465	5.81	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	150	07-Dec-15	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	151	14-Dec-15	500	475	5.75	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	152	21-Dec-15	500	445		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	153	28-Dec-15	500	450	5.78	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	154	04-Jan-16	500	500		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	155	11-Jan-16	500	470	5.69	19.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	156	18-Jan-16	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	157	25-Jan-16	500	490	5.85	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	158	01-Feb-16	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	159	08-Feb-16	500	450	6.01	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	160	15-Feb-16	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	161	22-Feb-16	500	455	5.89	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	162	29-Feb-16	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	163	07-Mar-16	500	485	5.95	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	164	14-Mar-16	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	165	21-Mar-16	500	470	5.78	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	166	28-Mar-16	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	167	04-Apr-16	500	480	5.77	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	168	11-Apr-16	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	169	18-Apr-16	500	480	5.83	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	170	25-Apr-16	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	130	7.1	<0.5	0.7	<0.5			<0.5					6.1	0.0030	<0.00002	0.00172
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	125	6.7	<0.5	<0.5	<0.5			<0.5					6.0	0.0032	<0.00002	0.00188
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	130	6.5	<0.5	0.9	<0.5			<0.5					6.3	0.0018	<0.00002	0.00174
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	110	6.4	<0.5	0.9	<0.5			<0.5					6.5	0.0100	<0.00002	0.00149
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	140	7.5	<0.5	0.8	<0.5			<0.5					5.9	0.0035	<0.00002	0.00134
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	140	5.7	<0.5	0.7	1.1			<0.5					5.8	0.0275	<0.00002	0.00132
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	120	6.2	<0.5	0.8	0.6			<0.5					6.1	0.0045	<0.00002	0.00122
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	120	5.9	<0.5	0.7	<0.5			<0.5					5.4	0.0059	<0.00002	0.00121
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	150	5.8	<0.5	0.9	0.6			<0.5					5.8	0.0089	<0.00002	0.00112
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	135	5.5	<0.5	<0.5	0.7			<0.5					5.4	0.0161	<0.00002	0.00116
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	135	5.6	<0.5	0.7	0.8			<0.5					4.7	0.0048	<0.00002	0.00106
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	140	5.4	<0.5	<0.5	0.8			<0.5					5.4	0.0092	<0.00002	0.00097
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00133	<0.00001	<0.000005	<0.05	<0.00005	0.000006	0.68	<0.0001	0.00196	0.00037	<0.00005	0.005	0.000026	0.0024	1.07
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00127	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.72	<0.0001	0.00220	0.00019	<0.00005	0.007	0.000016	0.0030	1.01
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00119	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.72	<0.0001	0.00219	0.00024	<0.00005	0.003	<0.000005	0.0023	1.10
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00117	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.71	<0.0001	0.00281	0.00037	<0.00005	0.003	<0.000005	0.0030	1.14
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00129	<0.00001	<0.000005	<0.05	<0.00005	0.000005	0.70	<0.0001	0.00316	0.00032	0.00008	0.006	<0.000005	0.0020	1.01
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00138	<0.00001	<0.000005	<0.05	<0.00005	0.000005	0.69	<0.0001	0.00358	0.00041	0.00006	0.041	0.000009	0.0032	0.99
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00161	<0.00001	<0.000005	<0.05	<0.00005	0.000006	0.75	<0.0001	0.00302	0.00080	0.00012	0.009	0.000020	0.0030	1.03
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00136	<0.00001	<0.000005	<0.05	<0.00005	0.000008	0.68	<0.0001	0.00304	0.00045	0.00035	0.022	0.000085	0.0024	0.89
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00209	<0.00001	<0.000005	<0.05	<0.00005	0.000008	0.73	<0.0001	0.00397	0.00043	0.00021	0.039	0.000011	0.0037	0.96
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00260	<0.00001	<0.000005	<0.05	<0.00005	0.000007	0.69	<0.0001	0.00495	0.00046	0.00246	0.063	0.000090	0.0026	0.89
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00153	<0.00001	0.000018	<0.05	<0.00005	0.000007	0.61	<0.0001	0.00409	0.00043	0.00098	0.014	0.000023	0.0028	0.77
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00185	<0.00001	<0.000005	<0.05	<0.00005	0.000010	0.72	<0.0001	0.00497	0.00093	0.00066	0.046	0.000062	0.0028	0.88
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0214	<0.00001	0.003	<0.00005	0.00955	0.93	0.00276	0.00007	1.7	0.000005	0.10	0.0172	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0230	<0.00001	0.005	<0.00005	0.0103	0.94	0.00239	0.00007	1.8	0.000011	0.12	0.0127	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0246	<0.00001	0.007	<0.00005	0.0108	0.93	0.00242	0.00009	1.8	<0.000005	0.11	0.0138	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0287	<0.00001	0.006	<0.00005	0.0123	0.97	0.00246	0.00008	1.7	<0.000005	0.12	0.0140	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0285	<0.00001	0.004	<0.00005	0.0128	0.82	0.00227	0.00009	1.7	<0.000005	0.11	0.0133	<10	<0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0296	<0.00001	0.005	<0.00005	0.0140	0.82	0.00227	0.00007	1.7	<0.000005	0.11	0.0130	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0310	<0.00001	0.004	<0.00005	0.0135	0.88	0.00220	0.00009	1.7	<0.000005	0.11	0.0138	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0289	<0.00001	0.003	<0.00005	0.0126	0.74	0.00179	0.00008	1.5	<0.000005	0.10	0.0114	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0328	<0.00001	0.005	0.00006	0.0152	0.69	0.00175	0.00008	1.7	<0.000005	0.10	0.0122	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0353	<0.00001	0.003	<0.00005	0.0171	0.61	0.00164	0.00008	1.5	<0.000005	0.09	0.0116	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0283	<0.00001	<0.002	<0.00005	0.0145	0.57	0.00174	0.00007	1.4	<0.000005	0.10	0.00986	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0342	<0.00001	<0.002	<0.00005	0.0168	0.61	0.00167	0.00008	1.4	<0.000005	0.10	0.0106	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	<0.0002	0.0021	<0.0001	<0.002				0.147	0.152	-1.67
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0007	<0.0001	<0.002				0.139	0.150	-3.81
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0002	<0.0001	<0.002				0.135	0.157	-7.53
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00001	0.000017	<0.0002	0.0005	<0.0001	<0.002				0.134	0.162	-9.46
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	0.0008	0.0005	<0.0001	0.003				0.157	0.145	3.97
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	0.00001	0.000024	0.0004	0.0009	<0.0001	<0.002				0.139	0.148	-3.14
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	<0.0002	0.0007	<0.0001	<0.002				0.139	0.151	-4.14
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	0.0010	0.0025	<0.0001	<0.002				0.122	0.135	-5.06
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	<0.0002	0.0009	<0.0001	<0.002				0.132	0.143	-4.00
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000032	0.0011	0.0005	<0.0001	<0.002				0.129	0.133	-1.53
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	0.0026	0.0006	<0.0001	<0.002				0.133	0.117	6.40
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0022	<0.0001	<0.002				0.128	0.134	-2.29
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	171	02-May-16	500	485	5.67	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	172	09-May-16	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	173	16-May-16	500	450	5.66	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	174	23-May-16	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	175	30-May-16	500	450	5.58	20.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	176	06-Jun-16	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	177	13-Jun-16	500	495	5.76	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	178	20-Jun-16	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	179	27-Jun-16	500	470	5.50	23.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	180	04-Jul-16	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	181	11-Jul-16	500	455	5.44	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	182	18-Jul-16	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	183	25-Jul-16	500	475	5.25	19.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	184	01-Aug-16	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	185	08-Aug-16	500	480	5.68	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	186	15-Aug-16	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	187	22-Aug-16	500	465	5.81	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	188	29-Aug-16	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	189	05-Sep-16	500	450	5.92	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	190	12-Sep-16	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	191	19-Sep-16	500	485	5.89	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	192	26-Sep-16	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	193	03-Oct-16	500	450	5.80	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	194	10-Oct-16	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	195	17-Oct-16	500	465	5.80	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	196	24-Oct-16	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	197	31-Oct-16	500	485	5.88	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	198	07-Nov-16	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	199	14-Nov-16	500	455	5.78	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	200	21-Nov-16	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	201	28-Nov-16	500	485	5.88	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	202	05-Dec-16	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	203	12-Dec-16	500	470	5.84	22.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	204	19-Dec-16	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	205	26-Dec-16	500	490	5.86	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	206	02-Jan-17	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	207	09-Jan-17	500	470	5.68	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	208	17-Jan-17	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	209	23-Jan-17	500	460	5.62	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	210	30-Jan-17	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	211	06-Feb-17	500	450	5.68	22.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	212	13-Feb-17	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	213	20-Feb-17	500	450	5.48	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	214	27-Feb-17	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	215	06-Mar-17	500	465	5.70	15.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	216	13-Mar-17	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	217	20-Mar-17	500	450	5.49	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	218	27-Mar-17	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	219	03-Apr-17	500	490	5.61	21.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	220	10-Apr-17	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	221	17-Apr-17	500	495	5.33	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19	140	5.7	<0.5	<0.5	<0.5			0.5					5.6	0.0079	<0.00002	0.00112
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	140	7.9	<0.5	1.1	<0.5			<0.5					6.0	0.0039	<0.00002	0.00099
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	150	7.7	<0.5	0.7	1.0			0.5					7.0	0.0092	<0.00002	0.00105
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	140	6.3	<0.5	<0.5	<0.5			<0.5					5.4	0.0078	<0.00002	0.00097
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	145	5.7	<0.5	<0.5	<0.5			0.5					5.2	0.0051	<0.00002	0.00105
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	150	5.8	<0.5	<0.5	0.7			<0.5					4.8	0.0046	<0.00002	0.00107
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	160	6.6	<0.5	<0.5	0.9			0.6					5.1	0.0049	<0.00002	0.00105
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	175	5.3	<0.5	<0.5	<0.5			0.7					4.5	0.0110	<0.00002	0.00124
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	185	7.2	<0.5	0.60	0.6			<0.5					6.0	0.0053	<0.00002	0.00149
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	200	6.1	<0.5	0.60	<0.5			0.8					4.8	0.0084	<0.00002	0.00092
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	210	7.1	<0.5	<0.5	0.6			0.7					5.8	0.0102	<0.00002	0.00094
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	225	4.7	<0.5	<0.5	<0.5			<0.5					4.3	0.0183	<0.00002	0.00092
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	190	6.5	<0.5	<0.5	<0.5			<0.5					5.8	0.0166	<0.00002	0.00085
BR02-3	HC-19																
BR02-3	HC-19																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19	0.00180	<0.00001	<0.000005	<0.05	<0.00005	0.000082	0.79	<0.0001	0.00522	0.00061	0.00043	0.028	0.000054	0.0024	0.87
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00135	<0.00001	<0.000005	<0.05	<0.00005	0.000008	0.78	<0.0001	0.00589	0.00053	<0.00005	0.006	0.000008	0.0026	0.97
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00183	<0.00001	<0.000005	<0.05	<0.00005	0.000009	0.99	<0.0001	0.00763	0.00078	<0.00005	0.013	0.000021	0.0038	1.11
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00180	0.00001	<0.000005	<0.05	<0.00005	0.000014	0.75	<0.0001	0.00712	0.00089	0.00008	0.010	0.000030	0.0036	0.86
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00130	<0.00001	<0.000005	<0.05	<0.00005	0.000009	0.79	<0.0001	0.00651	0.00110	<0.00005	0.008	0.000047	0.0026	0.78
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00129	<0.00001	<0.000005	<0.05	<0.00005	0.000010	0.72	<0.0001	0.00623	0.00058	<0.00005	0.006	0.000013	0.0030	0.74
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00137	<0.00001	<0.000005	<0.05	<0.00005	0.000008	0.77	<0.0001	0.00689	0.00064	<0.00005	0.004	<0.000005	0.0032	0.76
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00124	<0.00001	<0.000005	<0.05	<0.00005	0.000008	0.69	<0.0001	0.00650	0.00060	<0.00005	0.017	<0.000005	0.0027	0.66
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00190	0.00001	<0.000005	<0.05	<0.00005	0.000017	0.91	<0.0001	0.00860	0.00103	<0.00005	0.006	0.000025	0.0046	0.90
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00167	0.00001	<0.000005	<0.05	<0.00005	0.000013	0.74	<0.0001	0.00848	0.00101	<0.00005	0.008	0.000020	0.0032	0.71
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00195	<0.00001	<0.000005	<0.05	<0.00005	0.000012	0.93	<0.0001	0.0117	0.00108	0.00056	0.006	0.000012	0.0043	0.84
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00159	<0.00001	<0.000005	<0.05	<0.00005	0.000013	0.66	<0.0001	0.0128	0.00159	<0.00005	0.023	0.000009	0.0029	0.65
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00206	0.00002	<0.000005	<0.05	<0.00005	0.000016	0.94	<0.0001	0.0137	0.00144	<0.00005	0.011	0.000007	0.0040	0.85
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19	0.0358	<0.00001	0.008	<0.00005	0.0177	0.63	0.00182	0.00008	1.4	<0.000005	0.12	0.0113	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0391	<0.00001	0.003	<0.00005	0.0198	0.57	0.00187	0.00009	1.6	<0.000005	0.11	0.0116	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0485	<0.00001	0.005	<0.00005	0.0252	0.68	0.00244	0.00009	1.6	<0.000005	0.13	0.0148	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0398	<0.00001	0.002	<0.00005	0.0219	0.55	0.00185	0.00011	1.3	<0.000005	0.14	0.0124	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0361	<0.00001	0.009	<0.00005	0.0196	0.53	0.00204	0.00009	1.3	<0.000005	0.11	0.0115	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0330	<0.00001	0.003	<0.00005	0.0197	0.49	0.00179	0.00009	1.4	<0.000005	0.10	0.0104	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0339	<0.00001	<0.002	<0.00005	0.0214	0.48	0.00189	0.00008	1.4	<0.000005	0.10	0.0103	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0325	<0.00001	0.005	<0.00005	0.0196	0.46	0.00242	0.00006	1.3	<0.000005	0.11	0.00962	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0407	<0.00001	0.003	<0.00005	0.0255	0.56	0.00272	0.00011	1.6	<0.000005	0.13	0.0133	<10	0.00002	0.000009
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0353	<0.00001	0.005	<0.00005	0.0237	0.44	0.00199	0.00009	1.3	<0.000005	0.12	0.0103	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0453	<0.00001	0.005	<0.00005	0.0320	0.53	0.00228	0.00010	1.6	<0.000005	0.14	0.0132	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0355	<0.00001	0.006	<0.00005	0.0313	0.45	0.00188	0.00007	1.2	<0.000005	0.11	0.0103	<10	0.00004	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0454	<0.00001	<0.002	<0.00005	0.0347	0.53	0.00219	0.00011	1.6	<0.000005	0.15	0.0122	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000027	<0.0002	0.0033	<0.0001	<0.002				0.135	0.138	-1.10
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	<0.0002	0.0008	<0.0001	<0.002				0.164	0.143	6.84
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000029	<0.0002	0.0009	<0.0001	<0.002				0.195	0.170	6.85
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000039	<0.0002	0.0011	<0.0001	<0.002				0.131	0.137	-2.24
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000026	<0.0002	0.0043	<0.0001	<0.002				0.118	0.126	-3.28
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0020	<0.0001	<0.002				0.134	0.117	6.77
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0012	<0.0001	<0.002				0.170	0.121	16.8
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0013	<0.0001	<0.002				0.130	0.110	8.33
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000032	<0.0002	0.0053	<0.0001	<0.002				0.161	0.144	5.57
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000032	<0.0002	0.0022	<0.0001	<0.002				0.148	0.117	11.70
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000035	<0.0002	0.0015	<0.0001	<0.002				0.18	0.14	11.7
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000039	<0.0002	0.0015	<0.0001	<0.002				0.10	0.11	-5.31
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000044	<0.0002	0.0012	<0.0001	<0.002				0.14	0.14	-2.51
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	222	24-Apr-17	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	223	01-May-17	500	470	5.24	21
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	224	08-May-17	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	225	15-May-17	500	460	5.54	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	226	22-May-17	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	227	29-May-17	500	500	5.50	21
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	228	05-Jun-17	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	229	12-Jun-17	500	490	5.60	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	230	19-Jun-17	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	231	26-Jun-17	500	500	5.43	18
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	232	03-Jul-17	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	233	10-Jul-17	500	475	5.28	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	234	17-Jul-17	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	235	24-Jul-17	500	455	5.29	21
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	236	31-Jul-17	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	237	07-Aug-17	500	455	5.27	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	238	14-Aug-17	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	239	21-Aug-17	500	470	5.21	18
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	240	28-Aug-17	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	241	04-Sep-17	500	465	5.18	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	242	11-Sep-17	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	243	18-Sep-17	500	470	5.27	12
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	244	25-Sep-17	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	245	02-Oct-17	500	475	5.16	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	246	09-Oct-17	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	247	16-Oct-17	500	450	5.19	24
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	248	23-Oct-17	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	249	30-Oct-17	500	480	5.17	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	250	06-Nov-17	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	251	13-Nov-17	500	465	5.12	16.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	252	20-Nov-17	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	253	27-Nov-17	500	490	5.13	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	254	04-Dec-17	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	255	11-Dec-17	500	470	5.15	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	256	18-Dec-17	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	257	25-Dec-17	500	470	5.31	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	258	01-Jan-18	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	259	08-Jan-18	500	475	5.17	16
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	260	15-Jan-18	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	261	22-Jan-18	500	495	5.16	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	262	29-Jan-18	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	263	05-Feb-18	500	480	5.17	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	264	12-Feb-18	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	265	19-Feb-18	500	470	5.15	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	266	26-Feb-18	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	267	05-Mar-18	500	470	5.07	13.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	268	12-Mar-18	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	269	19-Mar-18	500	485	5.12	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	270	26-Mar-18	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	271	02-Apr-18	500	475	5.13	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	272	09-Apr-18	500	490		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19																
BR02-3	HC-19	200	6.2	<0.5	0.60	1.5			<0.5					5.2	0.0252	<0.00002	0.00104
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	200	6.5	<0.5	<0.5	<0.5			<0.5					5.3	0.0385	<0.00002	0.00089
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	190	4.7	<0.5	0.6	<0.5			<0.5					4.2	0.0615	<0.00002	0.00082
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	210	6.1	<0.5	0.7	<0.5			<0.5					5	0.0352	<0.00002	0.00076
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	220	4	<0.5	<0.5	<0.5			<0.5					4	0.0335	<0.00002	0.00063
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	230	5.7	<0.5	1.9	<0.5			0.7					4.9	0.0399	<0.00002	0.00065
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	245	6.5	<0.5	0.9	<0.5			0.5					5.7	0.0503	<0.00002	0.00073
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	265	4.4	<0.5	1.3	<0.5			<0.5					3.7	0.0429	<0.00002	0.00064
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	280	6.1	<0.5	2.2	0.8			<0.5					4.5	0.0514	<0.00002	0.00064
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	275	4.5	<0.5	1.0	<0.5			<0.5					3.5	0.0596	<0.00002	0.00063
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	285	4.6	<0.5	1.4	<0.5			<0.5					3.4	0.0524	<0.00002	0.00055
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	275	4.2	<0.5	1.0	<0.5			<0.5					3.4	0.0530	<0.00002	0.00052
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	275	5.1	<0.5	1.4	<0.5			0.5					3.6	0.0571	<0.00002	0.00056
BR02-3	HC-19																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19															
BR02-3	HC-19	0.00227	0.00002	<0.000005	<0.05	<0.00005	0.000017	0.90	<0.0001	0.0134	0.00155	0.00007	0.033	0.000033	0.0046	0.71
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00228	0.00002	<0.000005	<0.05	<0.00005	0.000019	0.88	<0.0001	0.0147	0.00164	0.00010	0.040	0.000023	0.0042	0.75
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00232	0.00002	<0.000005	<0.05	<0.00005	0.000015	0.71	0.0001	0.0171	0.00240	0.00011	0.084	0.000030	0.0035	0.59
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00264	0.00003	<0.000005	<0.05	<0.00005	0.000019	0.88	<0.0001	0.0188	0.00237	0.00008	0.015	0.00002	0.0045	0.68
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00252	0.00002	<0.000005	<0.05	<0.00005	0.000015	0.75	<0.0001	0.0162	0.00227	0.00008	0.014	0.000011	0.0035	0.52
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00276	0.00003	<0.000005	<0.05	<0.00005	0.000020	0.87	<0.0001	0.0189	0.00232	0.00008	0.015	0.000027	0.0046	0.66
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00327	0.00004	<0.000005	<0.05	<0.00005	0.000025	1.05	<0.0001	0.0236	0.00309	0.00012	0.019	0.000039	0.0054	0.75
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00281	0.00003	<0.000005	<0.05	<0.00005	0.000018	0.70	<0.0001	0.0187	0.00340	0.00011	0.014	0.000014	0.0034	0.47
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00329	0.00003	<0.000005	<0.05	<0.00005	0.000022	0.84	<0.0001	0.0212	0.00316	0.00012	0.017	0.000016	0.0043	0.57
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00260	0.00003	<0.000005	<0.05	<0.00005	0.000017	0.66	<0.0001	0.0190	0.00309	0.00011	0.016	0.000014	0.0042	0.45
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00284	0.00003	<0.000005	<0.05	<0.00005	0.000019	0.68	<0.0001	0.0204	0.00347	0.00013	0.016	0.000013	0.0042	0.42
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00312	0.00004	<0.000005	<0.05	<0.00005	0.000014	0.74	<0.0001	0.0210	0.00367	0.00016	0.013	0.000016	0.0033	0.39
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00289	0.00005	<0.000005	<0.05	<0.00005	0.000017	0.72	<0.0001	0.0215	0.00367	0.00015	0.017	0.000011	0.0043	0.44
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19															
BR02-3	HC-19	0.0396	<0.00001	<0.002	<0.00005	0.0335	0.46	0.00177	0.00009	1.4	<0.000005	0.13	0.0104	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0429	<0.00001	<0.002	<0.00005	0.0366	0.45	0.00175	0.00012	1.5	<0.000005	0.14	0.0116	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0320	<0.00001	<0.002	<0.00005	0.0359	0.38	0.00142	0.00006	1.3	<0.000005	0.12	0.00871	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0422	<0.00001	0.003	<0.00005	0.0416	0.47	0.00141	0.00008	1.4	<0.000005	0.14	0.0108	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0313	<0.00001	0.005	<0.00005	0.0343	0.37	0.00128	0.00006	1.2	<0.000005	0.13	0.00802	<10	0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0384	<0.00001	0.004	<0.00005	0.0401	0.45	0.00143	0.00008	1.5	<0.000005	0.16	0.0101	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0472	<0.00001	0.003	<0.00005	0.0491	0.56	0.00182	0.00008	1.9	<0.000005	0.18	0.0117	<10	<0.00002	0.000008
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0291	<0.00001	0.009	<0.00005	0.0362	0.34	0.00128	0.00006	1.2	<0.000005	0.14	0.00788	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0319	<0.00001	0.005	<0.00005	0.0396	0.42	0.00141	0.00007	1.2	<0.000005	0.15	0.00880	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0269	<0.00001	0.003	<0.00005	0.0360	0.36	0.00129	0.00007	1.1	<0.000005	0.12	0.0071	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0253	<0.00001	0.006	<0.00005	0.0363	0.35	0.00121	0.00006	1.2	<0.000005	0.12	0.00781	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0227	0.00001	0.004	<0.00005	0.0360	0.33	0.00112	0.00005	1.1	<0.000005	0.12	0.00654	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0249	<0.00001	0.008	<0.00005	0.0371	0.40	0.00146	0.00007	1.3	<0.000005	0.14	0.00733	<10	<0.00002	0.000004
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000053	0.0007	0.0013	<0.0001	<0.002				0.16	0.13	9.28
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000048	<0.0002	0.0017	<0.0001	0.009				0.42	0.13	52.0
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.000009	<0.0002	0.0006	<0.00001	0.000066	<0.0002	0.0017	<0.0001	<0.002				0.10	0.11	-7.55
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000068	<0.0002	0.0017	<0.0001	<0.002				0.13	0.13	-0.39
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000065	<0.0002	0.0042	<0.0001	<0.002				0.08	0.11	-12.0
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000068	<0.0002	0.0037	<0.0001	<0.002				0.14	0.13	4.12
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000077	<0.0002	0.0020	<0.0001	<0.002				0.15	0.15	-0.33
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000076	<0.0002	0.0038	<0.0001	<0.002				0.09	0.10	-5.15
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000074	<0.0002	0.0051	<0.0001	<0.002				0.14	0.12	8.68
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000080	<0.0002	0.0021	<0.0001	<0.002				0.09	0.10	-3.13
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000081	<0.0002	0.0022	<0.0001	<0.002				0.10	0.10	0.00
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000096	<0.0002	0.0094	<0.0001	<0.002				0.09	0.10	-4.81
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000085	<0.0002	0.0029	<0.0001	<0.002				0.12	0.10	7.56
BR02-3	HC-19															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	273	16-Apr-18	500	485	5.16	18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	274	23-Apr-18	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	275	30-Apr-18	500	480	5.00	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	276	07-May-18	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	277	14-May-18	500	475	4.99	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	278	21-May-18	500	490		15.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	279	28-May-18	500	455	5.08	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	280	04-Jun-18	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	281	11-Jun-18	500	470	5.09	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	282	18-Jun-18	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	283	25-Jun-18	500	470	4.94	10.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	284	02-Jul-18	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	285	09-Jul-18	500	480	4.95	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	286	16-Jul-18	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	287	23-Jul-18	500	460	4.90	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	288	30-Jul-18	500	490		14.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	289	06-Aug-18	500	445	4.87	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	290	13-Aug-18	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	291	20-Aug-18	500	480	4.96	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	292	27-Aug-18	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	293	03-Sep-18	500	480	4.81	10.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	294	10-Sep-18	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	295	17-Sep-18	500	475	4.93	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	296	24-Sep-18	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	297	01-Oct-18	500	480	4.84	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	298	08-Oct-18	500	480		18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	299	15-Oct-18	500	470	4.83	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	300	22-Oct-18	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	301	29-Oct-18	500	480	4.97	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	302	05-Nov-18	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	303	12-Nov-18	500	475	4.96	13.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	304	19-Nov-18	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	305	26-Nov-18	500	480	4.92	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	306	03-Dec-18	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	307	10-Dec-18	500	425	5.01	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	308	17-Dec-18	500	500		18.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	309	24-Dec-18	500	460	4.97	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	310	31-Dec-18	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	311	07-Jan-19	500	500	4.96	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	312	14-Jan-19	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	313	21-Jan-19	500	485	4.91	19.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	314	28-Jan-19	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	315	04-Feb-19	500	475	4.94	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	316	11-Feb-19	500	450		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	317	18-Feb-19	500	500	4.86	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	318	25-Feb-19	500	480		15.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	319	04-Mar-19	500	485	4.91	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	320	11-Mar-19	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	321	18-Mar-19	500	460	4.82	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	322	25-Mar-19	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	323	01-Apr-19	500	475	4.90	14.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	285	3.6	<0.5	1.2	<0.5			<0.5					3.2	0.0632	<0.00002	0.00053
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	275	4.7	<0.5	1.4	<0.5			<0.5					3.3	0.0652	<0.00002	0.00057
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	270	4.0	<0.5	0.9	0.8			<0.5					3.2	0.0717	<0.00002	0.00056
BR02-3	HC-19																
BR02-3	HC-19	280	3.9	<0.5	1.0	<0.5			<0.5					3.1	0.0717	<0.00002	0.00049
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	285	4.2	<0.5	2.0	<0.5			<0.5					2.9	0.0699	<0.00002	0.00050
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	270	4.1	<0.5	1.0	<0.5			<0.5					2.8	0.0726	<0.00002	0.00046
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	275	4.7	<0.5	1.0	<0.5			<0.5					3.2	0.0882	<0.00002	0.00064
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	290	3.7	<0.5	2.2	0.7			<0.5					2.0	0.0779	<0.00002	0.00039
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	290	4.4	<0.5	1.0	<0.5			<0.5					2.9	0.0911	<0.00002	0.00069
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	300	3.7	<0.5	1.0	<0.5			<0.5					2.5	0.0807	<0.00002	0.00072
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	290	4.3	<0.5	1.9	<0.5			<0.5					2.8	0.0902	<0.00002	0.00047
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	270	3.2	<0.5	1.2	<0.5			<0.5					2.2	0.0958	<0.00002	0.00043
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	295	3.2	<0.5	1.6	<0.5			<0.5					2.1	0.0965	<0.00002	0.00038

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00342	0.00003	<0.000005	<0.05	<0.00005	0.000018	0.67	<0.0001	0.0212	0.00450	0.00026	0.019	0.000044	0.0033	0.38
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00354	0.00004	<0.000005	<0.05	<0.00005	0.000020	0.68	<0.0001	0.0242	0.00477	0.00022	0.017	0.000060	0.0039	0.40
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00310	0.00003	<0.000005	<0.05	<0.00005	0.000017	0.63	<0.0001	0.0224	0.00457	0.00023	0.016	0.000027	0.0041	0.40
BR02-3	HC-19															
BR02-3	HC-19	0.00338	0.00005	<0.000005	<0.05	<0.00005	0.000020	0.60	<0.0001	0.0231	0.00491	0.00028	0.016	0.000019	0.0039	0.38
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00338	0.00004	<0.000005	<0.05	<0.00005	0.000020	0.59	<0.0001	0.0237	0.00503	0.00026	0.013	0.000020	0.0037	0.35
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00342	0.00004	<0.000005	<0.05	<0.00005	0.000016	0.56	<0.0001	0.0210	0.00534	0.00029	0.013	0.000020	0.0032	0.33
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00394	0.00003	<0.000005	<0.05	<0.00005	0.000021	0.68	<0.0001	0.0255	0.00783	0.00037	0.017	0.000042	0.0041	0.37
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00310	0.00005	<0.000005	<0.05	<0.00005	0.000017	0.41	<0.0001	0.0167	0.00581	0.00032	0.006	0.000217	0.0029	0.23
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00445	0.00005	<0.000005	<0.05	<0.00005	0.000070	0.60	<0.0001	0.0250	0.00721	0.00038	0.010	0.000124	0.0032	0.35
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00380	0.00004	<0.000005	<0.05	<0.00005	0.000019	0.47	<0.0001	0.0216	0.00659	0.00047	0.011	0.000042	0.0024	0.31
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00439	0.00004	<0.000005	<0.05	<0.00005	0.000022	0.54	<0.0001	0.0269	0.00688	0.00052	0.015	0.000030	0.0028	0.34
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00404	0.00006	<0.000005	<0.05	<0.00005	0.000020	0.44	<0.0001	0.0227	0.00711	0.00053	0.015	0.000026	0.0030	0.27
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00408	0.00005	<0.000005	<0.05	<0.00005	0.000020	0.42	<0.0001	0.0207	0.00693	0.00056	0.012	0.000021	0.0031	0.25

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0217	<0.00001	0.004	<0.00005	0.0364	0.35	0.00125	0.00005	1.1	<0.000005	0.12	0.0068	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0233	<0.00001	<0.002	<0.00005	0.0399	0.36	0.00117	0.00006	1.2	<0.000005	0.12	0.00695	<10	<0.00002	0.000003
BR02-3	HC-19															
BR02-3	HC-19	0.0205	<0.00001	0.003	<0.00005	0.0357	0.35	0.00126	0.00005	1.2	<0.000005	0.12	0.00616	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19	0.0199	<0.00001	<0.002	<0.00005	0.0363	0.36	0.00117	0.00005	1.0	<0.000005	0.14	0.00596	<10	<0.00002	0.000003
BR02-3	HC-19															
BR02-3	HC-19	0.0192	0.00001	0.002	<0.00005	0.0381	0.36	0.00124	0.00006	0.9	<0.000005	0.13	0.00566	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19	0.0173	<0.00001	<0.002	<0.00005	0.0343	0.31	0.00121	0.00006	1.0	<0.000005	0.12	0.00550	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19	0.0198	<0.00001	0.003	<0.00005	0.0392	0.36	0.00129	0.00005	1.2	<0.000005	0.14	0.00699	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19	0.0110	<0.00001	<0.002	<0.00005	0.0253	0.26	0.00093	<0.00004	0.7	<0.000005	0.09	0.00434	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19	0.0186	<0.00001	<0.002	<0.00005	0.0370	0.32	0.00135	0.00005	1.1	<0.000005	0.15	0.00559	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19	0.0146	<0.00001	0.002	<0.00005	0.0327	0.28	0.00126	0.00004	0.9	<0.000005	0.13	0.00503	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19	0.0163	<0.00001	<0.002	<0.00005	0.0385	0.33	0.00141	0.00004	0.9	<0.000005	0.14	0.00497	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19	0.0125	<0.00001	<0.002	<0.00005	0.0313	0.29	0.00134	<0.00004	0.9	<0.000005	0.11	0.00404	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19	0.0110	<0.00001	<0.002	<0.00005	0.0285	0.26	0.00119	0.00004	0.8	<0.000005	0.12	0.00378	<10	<0.00002	0.000005

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000106	<0.0002	0.0040	<0.0001	<0.002				0.08	0.10	-13.30
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000105	<0.0002	0.0031	<0.0001	<0.002				0.10	0.10	-0.51
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000106	<0.0002	0.0025	<0.0001	<0.002				0.10	0.10	0.00
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000118	<0.0002	0.0025	<0.0001	<0.002				0.08	0.10	-9.39
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000120	<0.0002	0.0029	<0.0001	<0.002				0.09	0.09	-2.76
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000116	<0.0002	0.0025	<0.0001	<0.002				0.09	0.09	-1.71
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000131	<0.0002	0.0032	<0.0001	<0.002				0.10	0.11	-3.92
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000128	<0.0002	0.0030	<0.0001	<0.002				0.09	0.07	13.00
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	0.0003	<0.0005	<0.00001	0.000133	<0.0002	0.0076	<0.0001	0.003				0.09	0.09	-1.62
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000146	<0.0002	0.0034	<0.0001	<0.002				0.08	0.08	-3.75
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000151	<0.0002	0.0037	<0.0001	<0.002				0.09	0.09	-1.66
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000157	<0.0002	0.0033	<0.0001	<0.002				0.07	0.08	-10.20
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000161	<0.0002	0.0039	<0.0001	<0.002				0.07	0.08	-8.33

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	324	08-Apr-19	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	325	15-Apr-19	500	475	4.81	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	326	22-Apr-19	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	327	29-Apr-19	500	485	4.98	14.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	328	06-May-19	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	329	13-May-19	500	490	4.74	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	330	20-May-19	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	331	27-May-19	500	480	4.96	17.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	332	03-Jun-19	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	333	10-Jun-19	500	460	4.55	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	334	17-Jun-19	500	465		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	335	24-Jun-19	500	425	4.81	20.0
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	336	01-Jul-19	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	337	08-Jul-19	500	465	4.95	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	338	15-Jul-19	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	339	22-Jul-19	500	470	4.83	17
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	340	29-Jul-19	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	341	05-Aug-19	500	470	4.84	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	342	12-Aug-19	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	343	19-Aug-19	500	465	4.92	18
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	344	26-Aug-19	500	445		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	345	02-Sep-19	500	480	4.78	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	346	09-Sep-19	500	500		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	347	16-Sep-19	500	465	4.82	15
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	348	23-Sep-19	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	349	30-Sep-19	500	440	4.89	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	350	07-Oct-19	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	351	14-Oct-19	500	490	4.90	14
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	352	21-Oct-19	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	353	28-Oct-19	500	475	4.89	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	354	04-Nov-19	500	455		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	355	11-Nov-19	500	490	4.95	15
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	356	18-Nov-19	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	357	25-Nov-19	500	460	4.73	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	358	02-Dec-19	500	495		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	359	09-Dec-19	500	485	4.89	16
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	360	16-Dec-19	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	361	23-Dec-19	500	475	4.79	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	362	30-Dec-19	500	460		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	363	06-Jan-20	500	485	4.87	14
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	364	13-Jan-20	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	365	20-Jan-20	500	475	4.82	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	366	27-Jan-20	500	470		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	367	03-Feb-20	500	500	4.85	15
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	368	10-Feb-20	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	369	17-Feb-20	500	475	4.86	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	370	24-Feb-20	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	371	02-Mar-20	500	480	4.79	13
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	372	09-Mar-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	373	16-Mar-20	500	475	4.85	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	374	23-Mar-20	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	315	3.2	<0.5	1.6	<0.5			<0.5					2.2	0.107	<0.00002	0.00042
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	320	5.7	<0.5	1.6	<0.5			<0.5					2.4	0.150	<0.00002	0.00073
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	330	4.4	<0.5	1.9	<0.5			0.6					2.8	0.161	<0.00002	0.00063
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	315	4.7	<0.5	0.5	<0.5			<0.5					2.6	0.142	<0.00002	0.00055
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	330	3.1	<0.5	2.4	<0.5			<0.5					2.5	0.166	<0.00002	0.00067
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	380	3.4	<0.5	1.5	<0.5			<0.5					2.0	0.116	<0.00002	0.00046
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	270	2.9	<0.5	1.9	<0.5			<0.5					1.8	0.112	<0.00002	0.00069
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	450	3.1	<0.5	2.1	<0.5			<0.5					2.0	0.121	<0.00002	0.00060
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	440	3.0	<0.5	1.5	<0.5			<0.5					1.9	0.120	<0.00002	0.00051
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	450	2.8	<0.5	1.0	<0.5			0.5					1.6	0.0899	<0.00002	0.00051
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	430	3.5	<0.5	0.8	<0.5			<0.5					1.8	0.109	<0.00002	0.00045
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	365	3.0	<0.5	0.9	<0.5			<0.5					1.8	0.113	<0.00002	0.00042
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00419	0.00006	<0.000005	<0.05	<0.00005	0.000015	0.44	<0.0001	0.0226	0.00801	0.00067	0.010	0.000023	0.0031	0.26
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00483	0.00007	<0.000005	<0.05	<0.00005	0.000019	0.47	<0.0001	0.0246	0.00886	0.00075	0.070	0.000089	0.0035	0.29
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00621	0.00009	<0.000005	<0.05	<0.00005	0.000036	0.56	<0.0001	0.0289	0.0123	0.00108	0.012	0.00225	0.0039	0.33
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00569	0.00009	<0.000005	<0.05	<0.00005	0.000022	0.53	<0.0001	0.0269	0.0105	0.00098	0.015	0.000276	0.0037	0.30
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00585	0.00009	<0.000005	<0.05	<0.00005	0.000022	0.51	<0.0001	0.0279	0.0122	0.00122	0.012	0.00005	0.0038	0.30
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00457	0.00007	<0.000005	<0.05	<0.00005	0.000018	0.41	<0.0001	0.0223	0.0092	0.00083	0.015	0.000037	0.0029	0.23
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00494	0.00006	<0.000005	<0.05	<0.00005	0.000037	0.38	<0.0001	0.0197	0.00815	0.00070	0.015	0.000125	0.0031	0.22
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00471	0.00006	<0.000005	<0.05	<0.00005	0.000034	0.41	<0.0001	0.0210	0.0093	0.00086	0.018	0.00008	0.0029	0.23
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00465	0.00006	<0.000005	<0.05	<0.00005	0.000016	0.40	<0.0001	0.0197	0.0090	0.00074	0.017	0.000037	0.0030	0.22
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00364	0.00005	<0.000005	<0.05	<0.00005	0.000031	0.32	<0.0001	0.0160	0.00698	0.00059	0.011	0.000024	0.0024	0.18
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00436	0.00007	<0.000005	<0.05	<0.00005	0.000017	0.39	<0.0001	0.0170	0.0083	0.00074	0.018	0.00003	0.0032	0.20
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00428	0.00005	<0.000005	<0.05	<0.00005	0.000017	0.37	<0.0001	0.0172	0.00838	0.00073	0.015	0.000027	0.0030	0.21
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0114	<0.00001	<0.002	<0.00005	0.0299	0.26	0.00093	<0.00004	0.9	<0.000005	0.12	0.00362	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0120	<0.00001	0.004	<0.00005	0.0322	0.32	0.00131	0.00005	1.0	<0.000005	0.13	0.00403	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0149	<0.00001	<0.002	<0.00005	0.0395	0.35	0.00147	0.00006	1.2	<0.000005	0.15	0.00490	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0129	<0.00001	<0.002	<0.00005	0.0356	0.32	0.00138	0.00004	1.0	<0.000005	0.14	0.00437	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0128	<0.00001	<0.002	<0.00005	0.0360	0.34	0.00144	0.00005	1.0	<0.000005	0.16	0.00451	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0094	<0.00001	<0.002	<0.00005	0.0294	0.27	0.00108	0.00004	0.9	<0.000005	0.12	0.00314	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00870	<0.00001	<0.002	<0.00005	0.0263	0.25	0.00111	<0.00004	0.9	<0.000005	0.12	0.00287	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0089	<0.00001	<0.002	<0.00005	0.0273	0.29	0.00122	<0.00004	0.9	<0.000005	0.12	0.00305	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0087	<0.00001	<0.002	<0.00005	0.0264	0.28	0.00124	0.00004	0.8	<0.000005	0.13	0.00286	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00707	<0.00001	<0.002	<0.00005	0.0213	0.23	0.00106	<0.00004	0.8	<0.000005	0.12	0.00232	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.0074	<0.00001	0.004	<0.00005	0.0225	0.26	0.00117	<0.00004	0.9	<0.000005	0.12	0.00257	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00729	<0.00001	0.002	<0.00005	0.0230	0.27	0.00116	0.00005	0.9	<0.000005	0.11	0.00265	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000179	<0.0002	0.0035	<0.0001	<0.002				0.067	0.079	-8.22
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	0.0010	<0.00001	0.000201	<0.0002	0.0040	<0.0001	<0.002				0.119	0.092	12.80
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000237	0.0004	0.0059	<0.0001	<0.002				0.110	0.106	1.85
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000226	<0.0002	0.0050	<0.0001	<0.002				0.0980	0.0980	0.00
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000270	<0.0002	0.0051	<0.0001	<0.002				0.065	0.098	-20.30
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000207	<0.0002	0.0043	<0.0001	<0.002				0.0710	0.0810	-6.58
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000198	<0.0002	0.0066	<0.0001	<0.002				0.0610	0.0750	-10.3
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000207	<0.0002	0.0054	<0.0001	<0.002				0.064	0.078	-9.86
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000197	<0.0002	0.0039	<0.0001	0.004				0.0630	0.0790	-11.30
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000159	<0.0002	0.0035	<0.0001	<0.002				0.0740	0.0660	5.71
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000189	<0.0002	0.0034	<0.0001	<0.002				0.072	0.076	-2.70
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000183	<0.0002	0.0034	<0.0001	<0.002				0.0630	0.0770	-10.0
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	375	30-Mar-20	500	480	4.84	15
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	376	06-Apr-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	377	13-Apr-20	500	475	4.76	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	378	20-Apr-20	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	379	27-Apr-20	500	475	4.92	14
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	380	04-May-20	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	381	11-May-20	500	480	4.78	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	382	18-May-20	500	490		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	383	25-May-20	500	475	4.83	17
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	384	01-Jun-20	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	385	08-Jun-20	500	480	4.82	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	386	15-Jun-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	387	22-Jun-20	500	485	4.98	14
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	388	29-Jun-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	389	06-Jul-20	500	475	4.89	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	390	13-Jul-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	391	20-Jul-20	500	490	4.53	13
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	392	27-Jul-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	393	03-Aug-20	500	475	4.76	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	394	10-Aug-20	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	395	17-Aug-20	500	485	4.74	14
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	396	24-Aug-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	397	31-Aug-20	500	475	4.73	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	398	07-Sep-20	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	399	14-Sep-20	500	480	4.81	15
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	400	21-Sep-20	500	480		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	401	28-Sep-20	500	485	4.70	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	402	05-Oct-20	500	475		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	403	12-Oct-20	500	485	4.89	15
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	404	19-Oct-20	500	485		
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	405	26-Oct-20	500	475	4.87	
BR02-3	HC-19	Llama	Greywacke	10GSE32	112.66	122.66	0.14	0.11	0.01	12.50	6.76	406	02-Nov-20	500	480		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	0	21-Jan-13	750	600	8.51	25.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	1	28-Jan-13	500	495	8.14	60.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	2	04-Feb-13	500	475	7.82	46.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	3	11-Feb-13	500	480	7.87	35.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	4	18-Feb-13	500	465	7.75	29.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	5	25-Feb-13	500	480	7.70	22.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	6	04-Mar-13	500	475	7.68	21.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	7	11-Mar-13	500	470	7.47	23.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	8	18-Mar-13	500	475	7.52	29.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	9	25-Mar-13	500	475	7.45	24.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	10	01-Apr-13	500	475	7.42	21.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-3	HC-19	310	3.4	<0.5	0.8	<0.5			<0.5					1.8	0.106	<0.00002	0.00049
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	330	3.5	<0.5	0.6	<0.5			<0.5					2.1	0.102	<0.00002	0.00048
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	320	3.2	<0.5	1.3	<0.5			<0.5					2.0	0.0919	<0.00002	0.00047
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	315	3.1	<0.5	0.7	<0.5			<0.5					2.2	0.0852	<0.00002	0.00045
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	320	3.0	<0.5	0.8	<0.5			<0.5					1.6	0.0827	<0.00002	0.00044
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	325	3.0	<0.5	0.6	0.8			<0.5					1.7	0.0819	<0.00002	0.00049
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	330	2.9	<0.5	1.0	<0.5			<0.5					2.0	0.0834	<0.00002	0.00054
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19	335	3.4	<0.5	1.3	<0.5			<0.5					1.8	0.0895	<0.00002	0.00057
BR02-3	HC-19																
BR02-3	HC-19																
BR02-3	HC-19																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-6	HC-22	120	0.7	<0.5	<0.5	7.9	0.14	0.031	2.3	0.10	0.014			<0.5	0.4270	0.00025	0.00056
BR02-6	HC-22	140	2.2	<0.5	<0.5	22.1	0.19	0.034	3.3	0.03	<0.005			2.6	0.2880	0.00087	0.00229
BR02-6	HC-22	120	2.4	<0.5	<0.5	15.8	0.14	0.017	1.5	<0.02	<0.005			2.3	0.2500	0.00060	0.00331
BR02-6	HC-22	125	2.4	<0.5	<0.5	13.9	0.11	<0.01	1.0	<0.02	<0.005			2.4	0.2080	0.00048	0.00433
BR02-6	HC-22	140	1.7	<0.5	<0.5	11.2	0.08	<0.01	0.8	<0.02	<0.005			2.4	0.2060	0.00035	0.00475
BR02-6	HC-22	130	1.8	<0.5	<0.5	9.4	0.08	<0.01	0.5					2.4	0.1610	0.00030	0.00593
BR02-6	HC-22	150	1.7	<0.5	<0.5	8.2	0.06	<0.01	0.6					2.4	0.1570	0.00024	0.00564
BR02-6	HC-22	140	2.3	<0.5	<0.5	8.5	0.06	<0.01	<0.5					2.7	0.1380	0.00024	0.00716
BR02-6	HC-22	140	2.1	<0.5	<0.5	9.3	<0.05	<0.01	0.6					3.0	0.1080	0.00020	0.00738
BR02-6	HC-22	145	2.2	<0.5	<0.5	7.5	0.06	<0.01	<0.5					2.8	0.0962	0.00018	0.00693
BR02-6	HC-22	120	2.0	<0.5	<0.5	7.5	<0.05	<0.01	0.8					3.0	0.0876	0.00015	0.00674

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-3	HC-19	0.00424	0.00005	<0.000005	<0.05	<0.00005	0.000018	0.39	<0.0001	0.0162	0.00802	0.00072	0.019	0.000028	0.0029	0.20
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00441	0.00006	<0.000005	<0.05	<0.00005	0.000048	0.50	<0.0001	0.0149	0.00790	0.00068	0.020	0.000057	0.0028	0.20
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00382	0.00005	<0.000005	<0.05	<0.00005	0.000026	0.49	<0.0001	0.0139	0.00752	0.00062	0.012	0.000047	0.0025	0.18
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00376	0.00005	<0.000005	<0.05	<0.00005	0.000081	0.50	<0.0001	0.0125	0.00907	0.00059	0.013	0.000170	0.0026	0.24
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00371	0.00004	<0.000005	<0.05	<0.00005	0.000046	0.34	<0.0001	0.0123	0.00806	0.00053	0.010	0.000565	0.0021	0.17
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00371	0.00005	<0.000005	<0.05	<0.00005	0.000009	0.37	<0.0001	0.0117	0.00705	0.00055	0.010	0.000031	0.0021	0.18
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00413	0.00006	<0.000005	<0.05	<0.00005	0.000018	0.45	<0.0001	0.0125	0.00755	0.00059	0.008	0.000040	0.0024	0.20
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00363	0.00005	<0.000005	<0.05	<0.00005	0.000013	0.41	<0.0001	0.0125	0.00727	0.00060	0.009	0.000021	0.0023	0.19
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-6	HC-22	0.00069	<0.00001	0.000011	<0.05	0.00016	<0.000005	0.06	0.0003	0.000026	0.00022	0.00013	0.091	0.000239	0.0039	0.05
BR02-6	HC-22	0.00088	<0.00001	<0.000005	<0.05	0.00030	<0.000005	0.45	<0.0001	0.000017	0.00038	0.00006	0.042	0.000192	0.0070	0.35
BR02-6	HC-22	0.00089	<0.00001	<0.000005	<0.05	0.00021	<0.000005	0.37	0.0002	0.000016	0.00025	0.00006	0.049	0.000119	0.0051	0.34
BR02-6	HC-22	0.00072	<0.00001	<0.000005	<0.05	0.00014	<0.000005	0.38	<0.0001	0.000016	<0.00005	<0.00005	0.039	0.000070	0.0043	0.36
BR02-6	HC-22	0.00058	<0.00001	<0.000005	<0.05	0.00014	<0.000005	0.44	0.0002	0.000029	0.00013	<0.00005	0.046	0.000069	0.0044	0.31
BR02-6	HC-22	0.00061	<0.00001	<0.000005	<0.05	0.00014	<0.000005	0.38	0.0002	0.000013	0.00025	<0.00005	0.029	0.000034	0.0034	0.34
BR02-6	HC-22	0.00066	<0.00001	0.000011	<0.05	0.00013	<0.000005	0.40	0.0002	0.000031	0.00055	<0.00005	0.039	0.000102	0.0041	0.35
BR02-6	HC-22	0.00055	<0.00001	<0.000005	<0.05	0.00014	<0.000005	0.38	0.0002	0.000018	0.00016	<0.00005	0.032	0.000039	0.0038	0.42
BR02-6	HC-22	0.00059	<0.00001	<0.000005	<0.05	0.00012	<0.000005	0.46	0.0001	0.000027	0.00023	<0.00005	0.032	0.000069	0.0037	0.45
BR02-6	HC-22	0.00054	<0.00001	<0.000005	<0.05	0.00011	<0.000005	0.42	0.0001	0.000020	0.00014	<0.00005	0.026	0.000053	0.0035	0.42
BR02-6	HC-22	0.00056	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.42	0.0001	0.000026	0.00047	<0.00005	0.024	0.000053	0.0034	0.48

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-3	HC-19	0.00741	<0.00001	0.004	<0.00005	0.0220	0.28	0.00114	<0.00004	0.9	<0.000005	0.12	0.00246	<10	<0.00002	0.000002
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00702	<0.00001	0.004	<0.00005	0.0202	0.28	0.00124	0.00004	0.9	<0.000005	0.13	0.00252	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00674	<0.00001	0.003	<0.00005	0.0196	0.25	0.00115	<0.00004	0.9	<0.000005	0.11	0.00232	<10	<0.00002	0.000005
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00724	<0.00001	0.003	<0.00005	0.0186	0.24	0.00115	0.00004	0.8	<0.000005	0.12	0.00237	<10	<0.00002	0.000006
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00580	<0.00001	<0.002	<0.00005	0.0180	0.22	0.00098	<0.00004	0.8	<0.000005	0.12	0.00265	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00621	<0.00001	0.007	<0.00005	0.0184	0.23	0.00098	<0.00004	0.7	<0.000005	0.12	0.00225	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00636	<0.00001	0.003	<0.00005	0.0191	0.24	0.00105	<0.00004	0.9	<0.000005	0.13	0.00247	<10	<0.00002	0.000007
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.00695	<0.00001	0.004	<0.00005	0.0194	0.26	0.00106	<0.00004	0.8	<0.000005	0.14	0.00216	<10	<0.00002	0.000004
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-6	HC-22	0.00069	<0.00001	0.015	0.00147	0.00030	6.41	0.00836	<0.00004	0.6	<0.000005	2.22	0.00049	<10	<0.00002	0.000005
BR02-6	HC-22	0.00079	<0.00001	0.016	0.00294	0.00012	11.80	0.01470	0.00015	1.0	<0.000005	3.97	0.00611	<10	<0.00002	0.000010
BR02-6	HC-22	0.00082	0.00001	0.017	0.00190	0.00013	9.62	0.01140	0.00011	1.1	<0.000005	2.79	0.00509	<10	<0.00002	0.000008
BR02-6	HC-22	0.00075	<0.00001	0.007	0.00137	0.00013	8.52	0.01010	0.00012	1.1	<0.000005	2.02	0.00488	<10	<0.00002	0.000006
BR02-6	HC-22	0.00062	0.00001	0.014	0.00092	0.00015	6.75	0.00837	0.00008	1.2	<0.000005	1.35	0.00411	<10	<0.00002	0.000006
BR02-6	HC-22	0.00068	<0.00001	0.006	0.00092	0.00078	6.28	0.00793	0.00012	1.2	<0.000005	1.09	0.00462	<10	<0.00002	0.000005
BR02-6	HC-22	0.00085	<0.00001	0.008	0.00075	0.00023	5.57	0.00705	0.00006	1.0	<0.000005	0.79	0.00453	<10	0.00009	0.000005
BR02-6	HC-22	0.00086	<0.00001	0.012	0.00073	0.00010	5.38	0.00669	<0.00004	1.1	<0.000005	0.71	0.00511	<10	<0.00002	0.000005
BR02-6	HC-22	0.00093	<0.00001	0.008	0.00065	0.00007	5.03	0.00631	0.00006	1.3	<0.000005	0.61	0.00518	<10	<0.00002	0.000006
BR02-6	HC-22	0.00086	<0.00001	0.009	0.00063	0.00012	4.81	0.00671	0.00006	1.3	<0.000005	0.44	0.00534	<10	<0.00002	0.000005
BR02-6	HC-22	0.00104	<0.00001	0.003	0.00055	0.00025	4.15	0.00551	0.00006	1.2	<0.000005	0.40	0.00536	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000184	<0.0002	0.0034	<0.0001	<0.002				0.0710	0.0760	-3.40
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000181	<0.0002	0.0048	<0.0001	<0.002				0.0720	0.0780	-4.00
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000156	<0.0002	0.0032	<0.0001	<0.002				0.0670	0.0760	-6.29
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000156	<0.0002	0.0028	<0.0001	<0.002				0.0640	0.0770	-9.22
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000148	<0.0002	0.0043	<0.0001	<0.002				0.0620	0.0820	-13.9
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	0.000010	<0.0002	<0.0005	<0.00001	0.000148	0.0003	0.0023	<0.0001	<0.002				0.0790	0.0730	3.95
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000152	<0.0002	0.0030	<0.0001	<0.002				0.0610	0.0760	-11.0
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19	<0.000005	<0.0002	<0.0005	<0.00001	0.000173	<0.0002	0.0026	<0.0001	<0.002				0.0710	0.0730	-1.39
BR02-3	HC-19															
BR02-3	HC-19															
BR02-3	HC-19															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-6	HC-22	0.000030	0.0001	0.0036	0.00185	0.000021	0.0011	0.0008	0.0002	<0.002				0.25	0.32	-13.10
BR02-6	HC-22	0.000007	0.0003	0.0014	0.00234	0.000030	0.0011	0.0004	<0.0001	<0.002				0.59	0.56	2.43
BR02-6	HC-22	0.000011	0.0001	0.0019	0.00077	0.000038	0.0010	0.0004	<0.0001	<0.002				0.42	0.44	-3.26
BR02-6	HC-22	0.000005	0.0000	0.0014	0.00138	0.000062	0.0010	0.0003	<0.0001	<0.002				0.36	0.38	-2.29
BR02-6	HC-22	0.000011	0.0001	0.0011	0.00027	0.000116	0.0012	0.0002	<0.0001	<0.002				0.29	0.30	-2.71
BR02-6	HC-22	0.000006	0.0001	0.0011	0.00038	0.000112	0.0014	0.0001	<0.0001	<0.002				0.24	0.27	-5.79
BR02-6	HC-22	0.000007	0.0003	0.0015	0.00031	0.000214	0.0011	0.0007	<0.0001	0.002				0.22	0.24	-5.17
BR02-6	HC-22	0.000015	0.0001	0.0022	0.00020	0.000244	0.0015	0.0002	<0.0001	<0.002				0.22	0.24	-3.69
BR02-6	HC-22	0.000006	0.0002	0.0009	0.00034	0.000263	0.0011	0.0007	<0.0001	0.011				0.25	0.23	3.58
BR02-6	HC-22	0.000008	0.0001	0.0008	0.00031	0.000234	0.0013	0.0003	<0.0001	0.004				0.20	0.21	-2.45
BR02-6	HC-22	0.000005	0.0003	0.0012	0.00011	0.000272	0.0011	0.0006	<0.0001	<0.002				0.22	0.20	5.11

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	11	08-Apr-13	500	485	7.33	19.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	12	15-Apr-13	500	470	7.41	17.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	13	22-Apr-13	500	475	7.35	20.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	14	29-Apr-13	500	480	7.34	19.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	15	06-May-13	500	475	7.43	15.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	16	13-May-13	500	470	6.50	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	17	20-May-13	500	490	7.04	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	18	27-May-13	500	490	7.27	14.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	19	03-Jun-13	500	475	7.32	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	20	10-Jun-13	500	480		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	21	17-Jun-13	500	475	7.22	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	22	24-Jun-13	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	23	01-Jul-13	500	465	7.29	15.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	24	08-Jul-13	500	490		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	25	15-Jul-13	500	465	6.98	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	26	22-Jul-13	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	27	29-Jul-13	500	470	7.27	15.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	28	05-Aug-13	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	29	12-Aug-13	500	480	7.22	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	30	19-Aug-13	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	31	26-Aug-13	500	460	7.05	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	32	02-Sep-13	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	33	09-Sep-13	500	480	7.30	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	34	16-Sep-13	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	35	23-Sep-13	500	460	7.26	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	36	30-Sep-13	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	37	07-Oct-13	500	465	7.20	14.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	38	14-Oct-13	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	39	21-Oct-13	500	475	6.99	12.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	40	28-Oct-13	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	41	04-Nov-13	500	460	6.94	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	42	11-Nov-13	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	43	18-Nov-13	500	475	6.74	14.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	44	25-Nov-13	500	455		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	45	02-Dec-13	500	450	6.68	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	46	09-Dec-13	500	455		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	47	16-Dec-13	500	450	6.75	13.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	48	23-Dec-13	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	49	30-Dec-13	500	465	6.42	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	50	06-Jan-14	500	455		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	51	13-Jan-14	500	455	6.48	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	52	20-Jan-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	53	27-Jan-14	500	460	6.31	17.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	54	03-Feb-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	55	10-Feb-14	500	460	6.58	16.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	56	17-Feb-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	57	24-Feb-14	500	455	6.25	17.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	58	03-Mar-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	59	10-Mar-14	500	460	6.31	18.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	60	17-Mar-14	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	61	24-Mar-14	500	470	6.22	16.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-6	HC-22	140	2.1	<0.5	<0.5	6.3	0.06	<0.01	0.6					3.5	0.0551	0.00013	0.00770
BR02-6	HC-22	140	2.2	<0.5	<0.5	5.9	<0.05	<0.01	0.6					3.0	0.0631	0.00012	0.00732
BR02-6	HC-22	160	2.0	<0.5	<0.5	6.3	0.05	<0.01	<0.5					3.4	0.0657	0.00012	0.00820
BR02-6	HC-22	135	2.3	<0.5	<0.5	6.5	<0.05	<0.01	<0.5					3.5	0.0617	0.00011	0.00854
BR02-6	HC-22	125	1.9	<0.5	<0.5	5.8	<0.05	<0.01	<0.5					3.0	0.0412	0.00008	0.00759
BR02-6	HC-22	130	2.6	<0.5	<0.5	5.8	0.05	<0.01	<0.5					3.4	0.0444	0.00009	0.00856
BR02-6	HC-22	125	2.1	<0.5	<0.5	5.1	<0.05	<0.01	<0.5					3.3	0.0247	0.00008	0.00594
BR02-6	HC-22	135	1.9	<0.5	<0.5	4.7	<0.05	<0.01	<0.5					3.2	0.0307	0.00008	0.00600
BR02-6	HC-22	130	1.9	<0.5	<0.5	4.4	<0.05	<0.01	0.8					3.4	0.0270	0.00007	0.00622
BR02-6	HC-22																
BR02-6	HC-22	150	1.9	<0.5	<0.5	4.3	<0.05	<0.01	<0.5					3.3	0.0248	0.00006	0.00594
BR02-6	HC-22																
BR02-6	HC-22	135	2.5	<0.5	<0.5	4.2	<0.05	<0.01	<0.5					3.3	0.0194	0.00005	0.00609
BR02-6	HC-22																
BR02-6	HC-22	130	2.7	<0.5	<0.5	3.0	<0.05	<0.01	0.6					3.0	0.0196	0.00004	0.00553
BR02-6	HC-22																
BR02-6	HC-22	140	2.4	<0.5	<0.5	3.4	<0.05	<0.01	<0.5					3.2	0.0161	0.00004	0.00560
BR02-6	HC-22																
BR02-6	HC-22	145	1.9	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					2.9	0.0136	0.00003	0.00449
BR02-6	HC-22																
BR02-6	HC-22	130	2.9	<0.5	<0.5	3.0	<0.05	<0.01	<0.5					3.0	0.0135	0.00004	0.00488
BR02-6	HC-22																
BR02-6	HC-22	145	2.4	<0.5	0.6	2.3	<0.05	<0.01	<0.5					3.2	0.0107	0.00004	0.00472
BR02-6	HC-22																
BR02-6	HC-22	135	2.9	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					3.0	0.0065	0.00003	0.00364
BR02-6	HC-22																
BR02-6	HC-22	130	3.3	<0.5	<0.5	1.7	0.05	<0.01	<0.5					3.7	0.0100	0.00002	0.00366
BR02-6	HC-22																
BR02-6	HC-22	145	4.2	<0.5	<0.5	1.7	<0.05	<0.01	<0.5					3.4	0.0068	0.00003	0.00270
BR02-6	HC-22																
BR02-6	HC-22	140	4.2	<0.5	<0.5	2.2	<0.05	<0.01	<0.5					3.9	0.0050	<0.00002	0.00218
BR02-6	HC-22																
BR02-6	HC-22	130	4.7	<0.5	0.9	1.4	<0.05	<0.01	<0.5					3.6	0.0045	0.00002	0.00216
BR02-6	HC-22																
BR02-6	HC-22	140	3.8	<0.5	<0.5	1.5	<0.05	<0.01	<0.5					3.1	0.0033	<0.00002	0.00138
BR02-6	HC-22																
BR02-6	HC-22	120	4.4	<0.5	<0.5	0.5	<0.05	<0.01	0.7					3.6	0.0012	<0.00002	0.00149
BR02-6	HC-22																
BR02-6	HC-22	125	6.1	<0.5	1.1	1.3	<0.05	<0.01	<0.5					4.0	0.0108	0.00002	0.00126
BR02-6	HC-22																
BR02-6	HC-22	130	4.8	<0.5	<0.5	0.8	<0.05	<0.01	<0.5					4.1	0.0017	<0.00002	0.00110
BR02-6	HC-22																
BR02-6	HC-22	120	5.6	<0.5	<0.5	0.7	0.05	<0.01	<0.5					4.3	0.0021	<0.00002	0.00089
BR02-6	HC-22																
BR02-6	HC-22	125	6.7	<0.5	1.3	0.6	<0.05	<0.01	<0.5					4.3	0.0016	<0.00002	0.00081
BR02-6	HC-22																
BR02-6	HC-22	130	7.3	<0.5	0.7	0.6	<0.05	<0.01	<0.5					4.3	0.0028	<0.00002	0.00080
BR02-6	HC-22																
BR02-6	HC-22	150	5.9	<0.5	0.6	1.4	<0.05	<0.01	<0.5					4.5	0.0014	<0.00002	0.00072
BR02-6	HC-22																
BR02-6	HC-22	155	6.3	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					3.7	0.0008	<0.00002	0.00050

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-6	HC-22	0.00135	<0.00001	0.005	0.00058	0.00008	3.92	0.00516	0.00009	1.5	<0.000005	0.35	0.00573	<10	<0.00002	0.000005
BR02-6	HC-22	0.00108	<0.00001	0.003	0.00054	0.00009	3.70	0.00522	0.00008	1.0	<0.000005	0.31	0.00532	<10	<0.00002	0.000004
BR02-6	HC-22	0.00124	<0.00001	0.007	0.00053	0.00020	3.56	0.00508	0.00009	1.3	<0.000005	0.36	0.00599	<10	<0.00002	0.000004
BR02-6	HC-22	0.00134	<0.00001	<0.002	0.00052	0.00012	3.40	0.00477	<0.00004	1.4	<0.000005	0.26	0.00603	<10	<0.00002	0.000003
BR02-6	HC-22	0.00115	<0.00001	<0.002	0.00043	0.00014	2.93	0.00435	0.00007	1.2	<0.000005	0.20	0.00502	<10	<0.00002	0.000003
BR02-6	HC-22	0.00151	<0.00001	<0.002	0.00047	0.00013	3.04	0.00447	0.00006	1.6	<0.000005	0.20	0.00571	<10	<0.00002	0.000005
BR02-6	HC-22	0.00163	<0.00001	<0.002	0.00047	0.00013	2.55	0.00395	0.00006	1.2	<0.000005	0.16	0.00540	<10	<0.00002	0.000004
BR02-6	HC-22	0.00149	<0.00001	<0.002	0.00044	0.00020	2.43	0.00395	0.00008	1.3	<0.000005	0.16	0.00507	<10	<0.00002	0.000004
BR02-6	HC-22	0.00139	<0.00001	<0.002	0.00041	0.00026	2.47	0.00387	0.00005	1.3	<0.000005	0.15	0.00520	<10	<0.00002	0.000004
BR02-6	HC-22															
BR02-6	HC-22	0.00163	<0.00001	0.021	0.00040	0.00025	2.21	0.00371	0.00005	1.3	0.000005	0.15	0.00485	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00174	<0.00001	<0.002	0.00045	0.00023	2.06	0.00321	0.00004	1.3	<0.000005	0.13	0.00507	<10	<0.00002	0.000002
BR02-6	HC-22															
BR02-6	HC-22	0.00191	<0.00001	0.004	0.00038	0.00037	1.91	0.00326	<0.00004	1.1	<0.000005	0.12	0.00441	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00194	<0.00001	<0.002	0.00037	0.00022	1.81	0.00319	0.00006	1.1	<0.000005	0.13	0.00473	<10	<0.00002	0.000004
BR02-6	HC-22															
BR02-6	HC-22	0.00189	<0.00001	<0.002	0.00029	0.00016	1.58	0.00288	<0.00004	1.1	<0.000005	0.09	0.00429	<10	<0.00002	0.000004
BR02-6	HC-22															
BR02-6	HC-22	0.00203	<0.00001	<0.002	0.00030	0.00017	1.59	0.00319	<0.00004	1.1	<0.000005	0.09	0.00483	<10	<0.00002	0.000004
BR02-6	HC-22															
BR02-6	HC-22	0.00246	<0.00001	0.011	0.00029	0.00030	1.66	0.00317	<0.00004	1.2	<0.000005	0.11	0.00504	<10	<0.00002	0.000005
BR02-6	HC-22															
BR02-6	HC-22	0.00259	<0.00001	0.005	0.00025	0.00034	1.51	0.00296	0.00006	0.9	<0.000005	0.09	0.00457	<10	<0.00002	0.000005
BR02-6	HC-22															
BR02-6	HC-22	0.00285	<0.00001	0.003	0.00023	0.00046	1.80	0.00366	<0.00004	1.1	<0.000005	0.11	0.00555	<10	<0.00002	0.000005
BR02-6	HC-22															
BR02-6	HC-22	0.00336	<0.00001	0.003	0.00019	0.00044	1.55	0.00333	<0.00004	1.0	<0.000005	0.10	0.00489	<10	<0.00002	0.000005
BR02-6	HC-22															
BR02-6	HC-22	0.00421	<0.00001	0.005	0.00019	0.00066	1.52	0.00308	<0.00004	1.0	<0.000005	0.09	0.00588	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00449	<0.00001	0.009	0.00016	0.00108	1.48	0.00331	0.00005	0.9	<0.000005	0.09	0.00544	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00413	<0.00001	0.008	0.00009	0.00067	1.17	0.00300	<0.00004	0.7	<0.000005	0.08	0.00484	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00578	<0.00001	0.007	0.00006	0.00108	1.25	0.00319	<0.00004	0.7	0.000006	0.09	0.00627	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00656	<0.00001	0.005	0.00011	0.00124	1.39	0.00319	<0.00004	0.8	<0.000005	0.09	0.00659	<10	<0.00002	0.000007
BR02-6	HC-22															
BR02-6	HC-22	0.00739	<0.00001	0.013	0.00007	0.00149	1.35	0.00298	<0.00004	0.8	<0.000005	0.10	0.00703	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.00877	<0.00001	0.005	0.00007	0.00199	1.43	0.00319	<0.00004	0.8	<0.000005	0.09	0.00747	<10	<0.00002	0.000006
BR02-6	HC-22															
BR02-6	HC-22	0.0103	<0.00001	0.007	0.00006	0.00260	1.28	0.00317	<0.00004	0.7	<0.000005	0.10	0.00781	<10	<0.00002	0.000008
BR02-6	HC-22															
BR02-6	HC-22	0.0104	<0.00001	0.005	0.00007	0.00266	1.40	0.00345	<0.00004	0.9	<0.000005	0.09	0.00769	<10	<0.00002	0.000008
BR02-6	HC-22															
BR02-6	HC-22	0.0116	<0.00001	0.004	<0.00005	0.00298	1.44	0.00351	0.00005	0.9	<0.000005	0.09	0.00799	<10	<0.00002	0.000009
BR02-6	HC-22															
BR02-6	HC-22	0.0113	<0.00001	<0.002	<0.00005	0.00318	1.17	0.00318	0.00004	0.8	<0.000005	0.07	0.00715	<10	<0.00002	0.000009

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-6	HC-22	0.000005	0.0002	<0.0005	0.00037	0.000239	0.0010	0.0003	<0.0001	<0.002				0.19	0.19	-1.85
BR02-6	HC-22	0.000013	0.0003	<0.0005	0.00029	0.000271	0.0011	0.0003	<0.0001	<0.002				0.18	0.18	1.41
BR02-6	HC-22	0.000008	0.0000	0.0009	0.00023	0.000252	0.0012	0.0004	<0.0001	<0.002				0.17	0.18	-4.25
BR02-6	HC-22	<0.000005	0.0000	0.0009	0.00036	0.000250	0.0011	0.0002	<0.0001	<0.002				0.18	0.18	-0.28
BR02-6	HC-22	<0.000005	0.0000	<0.0005	0.00024	0.000213	0.0015	0.0001	<0.0001	<0.002				0.16	0.15	2.63
BR02-6	HC-22	<0.000005	<0.00001	<0.0005	0.00050	0.000196	0.0009	0.0002	<0.0001	<0.002				0.17	0.16	3.59
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00005	0.000197	0.0010	<0.0001	<0.0001	<0.002				0.15	0.14	1.40
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00106	0.000186	0.0006	0.0001	<0.0001	<0.002				0.13	0.14	-1.11
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00012	0.000155	0.0013	0.0002	<0.0001	<0.002				0.15	0.14	3.11
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	0.0014	<0.0005	0.00005	0.000133	0.0012	0.0004	<0.0001	<0.002				0.12	0.13	-2.75
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	0.0009	<0.0005	0.00041	0.000112	0.0003	0.0002	<0.0001	<0.002				0.14	0.13	3.82
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	0.0002	<0.0005	0.00021	0.000086	0.0004	0.0003	<0.0001	<0.002				0.13	0.12	6.02
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00008	0.000085	0.0003	0.0002	<0.0001	<0.002				0.12	0.12	0.00
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00008	0.000081	0.0002	0.0001	<0.0001	<0.002				0.09	0.10	-8.33
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00009	0.000069	0.0003	0.0002	<0.0001	<0.002				0.12	0.11	6.61
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00003	0.000059	0.0003	0.0003	<0.0001	<0.002				0.10	0.11	-8.21
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	0.0003	<0.0005	0.00008	0.000044	<0.0002	0.0003	<0.0001	<0.002				0.11	0.10	2.37
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00009	0.000046	<0.0002	0.0003	<0.0001	<0.002				0.10	0.13	-9.57
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00009	0.000036	<0.0002	0.0001	<0.0001	<0.002				0.12	0.11	3.00
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00006	0.000034	<0.0002	0.0002	<0.0001	<0.002				0.13	0.12	3.17
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00004	0.000027	<0.0002	0.0009	<0.0001	<0.002				0.13	0.11	5.00
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0001	<0.0001	<0.002				0.11	0.10	6.34
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000027	<0.0002	0.0003	<0.0001	<0.002				0.12	0.11	6.55
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0007	<0.0001	<0.002				0.15	0.12	11.60
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000026	<0.0002	0.0002	<0.0001	<0.002				0.12	0.12	-2.54
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	<0.0002	0.0004	<0.0001	<0.002				0.13	0.13	1.93
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000028	<0.0002	0.0006	<0.0001	<0.002				0.15	0.12	9.82
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	<0.0002	0.0005	<0.0001	<0.002				0.16	0.13	12.10
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0005	<0.0001	<0.002				0.15	0.13	7.42
BR02-6	HC-22	<0.000005														
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	<0.0002	0.0003	<0.0001	<0.002				0.13	0.11	10.00

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	62	31-Mar-14	500	480		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	63	07-Apr-14	500	475	6.27	18.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	64	14-Apr-14	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	65	21-Apr-14	500	475	6.24	19.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	66	28-Apr-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	67	05-May-14	500	470	6.15	18.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	68	12-May-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	69	19-May-14	500	480	6.09	20.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	70	26-May-14	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	71	02-Jun-14	500	480	6.16	19.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	72	09-Jun-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	73	16-Jun-14	500	460	6.02	20.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	74	23-Jun-14	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	75	30-Jun-14	500	470	5.98	19.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	76	07-Jul-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	77	14-Jul-14	500	460	6.00	19.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	78	21-Jul-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	79	28-Jul-14	500	465	5.95	20.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	80	04-Aug-14	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	81	11-Aug-14	500	460	5.77	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	82	18-Aug-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	83	25-Aug-14	500	465	5.89	23.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	84	01-Sep-14	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	85	08-Sep-14	500	470	5.73	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	86	15-Sep-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	87	22-Sep-14	500	455	5.50	30.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	88	29-Sep-14	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	89	06-Oct-14	500	460	5.24	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	90	13-Oct-14	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	91	20-Oct-14	500	495	5.01	53.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	92	27-Oct-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	93	03-Nov-14	500	465	4.81	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	94	10-Nov-14	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	95	17-Nov-14	500	470	4.79	61.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	96	24-Nov-14	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	97	01-Dec-14	500	480	4.80	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	98	08-Dec-14	500	455		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	99	15-Dec-14	500	455	4.70	61.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	100	22-Dec-14	500	455		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	101	29-Dec-14	500	460	4.75	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	102	05-Jan-15	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	103	12-Jan-15	500	470	4.68	60.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	104	19-Jan-15	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	105	26-Jan-15	500	475	4.64	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	106	02-Feb-15	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	107	09-Feb-15	500	485	4.63	57.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	108	16-Feb-15	500	485		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	109	23-Feb-15	500	460	4.62	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	110	02-Mar-15	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	111	09-Mar-15	500	480	4.59	52.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	112	16-Mar-15	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-6	HC-22																
BR02-6	HC-22	150	5.2	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					4.4	0.0010	<0.00002	0.00052
BR02-6	HC-22																
BR02-6	HC-22	140	5.3	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					4.7	0.0012	<0.00002	0.00050
BR02-6	HC-22																
BR02-6	HC-22	150	5.7	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					4.7	0.0010	<0.00002	0.00043
BR02-6	HC-22																
BR02-6	HC-22	130	6.9	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					5.2	0.0017	<0.00002	0.00040
BR02-6	HC-22																
BR02-6	HC-22	140	6.1	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					4.8	0.0015	<0.00002	0.00031
BR02-6	HC-22																
BR02-6	HC-22	150	6.2	<0.5	<0.5	0.9	<0.05	<0.01	<0.5					5.3	0.0026	<0.00002	0.00038
BR02-6	HC-22																
BR02-6	HC-22	130	6.0	<0.5	<0.5	0.9	<0.05	<0.01	<0.5					5.7	0.0014	<0.00002	0.00029
BR02-6	HC-22																
BR02-6	HC-22	140	6.5	<0.5	<0.5	1.1	<0.05	<0.01	0.6					5.6	0.0020	<0.00002	0.00035
BR02-6	HC-22																
BR02-6	HC-22	150	7.2	<0.5	<0.5	0.6	<0.05	<0.01	<0.5					5.7	0.0024	<0.00002	0.00024
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	120	7.1	<0.5	1.0	<0.5			<0.5					6.2	0.0042	<0.00002	0.00027
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	175	9.2	<0.5	1.2	0.6			<0.5					9.4	0.0161	<0.00002	0.00085
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	180	17.3	<0.5	4.4	<0.5			<0.5					12.7	0.118	<0.00002	0.00042
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	190	20.0	<0.5	11.1	<0.5			<0.5					10.3	0.263	<0.00002	0.00016
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	185	18.2	<0.5	13.0	<0.5			<0.5					8.0	0.291	<0.00002	0.00007
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	190	18.3	<0.5	15.3	<0.5			<0.5					7.0	0.357	<0.00002	0.00013
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	210	16.7	<0.5	12.4	<0.5			<0.5					6.8	0.347	<0.00002	<0.00002
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	215	14.3	<0.5	10.3	<0.5			<0.5					6.0	0.367	<0.00002	0.00019
BR02-6	HC-22																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-6	HC-22															
BR02-6	HC-22	0.00086	<0.00001	<0.000005	<0.05	0.00007	0.000013	0.50	<0.0001	0.000654	0.00008	<0.00005	0.002	0.000016	0.0030	0.76
BR02-6	HC-22															
BR02-6	HC-22	0.00104	<0.00001	<0.000005	<0.05	0.00008	0.000019	0.55	<0.0001	0.000816	0.00009	<0.00005	0.002	0.000020	0.0032	0.81
BR02-6	HC-22															
BR02-6	HC-22	0.00091	<0.00001	<0.000005	<0.05	0.00007	0.000018	0.53	<0.0001	0.000919	0.00018	<0.00005	0.002	0.000028	0.0031	0.81
BR02-6	HC-22															
BR02-6	HC-22	0.00109	<0.00001	<0.000005	<0.05	0.00009	0.000024	0.62	<0.0001	0.00123	0.00044	0.00007	0.003	0.000043	0.0035	0.89
BR02-6	HC-22															
BR02-6	HC-22	0.00102	<0.00001	<0.000005	<0.05	0.00009	0.000026	0.56	<0.0001	0.00128	0.00008	<0.00005	0.003	0.000032	0.0034	0.83
BR02-6	HC-22															
BR02-6	HC-22	0.00129	<0.00001	<0.000005	<0.05	0.00009	0.000035	0.65	<0.0001	0.00174	0.00014	0.00009	0.003	0.000040	0.0036	0.89
BR02-6	HC-22															
BR02-6	HC-22	0.00139	<0.00001	<0.000005	<0.05	0.00009	0.000040	0.66	<0.0001	0.00210	0.00018	0.00006	0.009	0.000048	0.0040	0.98
BR02-6	HC-22															
BR02-6	HC-22	0.00144	<0.00001	<0.000005	<0.05	0.00010	0.000043	0.69	<0.0001	0.00259	0.00019	0.00011	0.009	0.000049	0.0039	0.94
BR02-6	HC-22															
BR02-6	HC-22	0.00168	<0.00001	<0.000005	<0.05	0.00010	0.000052	0.68	<0.0001	0.00311	0.00018	0.00014	0.012	0.000058	0.0041	0.97
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00225	<0.00001	<0.000005	<0.05	0.00010	0.000079	0.72	<0.0001	0.00520	0.00029	0.00042	0.031	0.000086	0.0043	1.07
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00490	<0.00001	<0.000005	<0.05	0.00010	0.000153	1.15	<0.0001	0.0132	0.00085	0.00166	0.125	0.000225	0.0060	1.58
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0198	0.00003	<0.000005	<0.05	0.00014	0.000515	1.60	<0.0001	0.0554	0.00398	0.0224	1.09	0.00111	0.0114	2.11
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0303	0.00006	<0.000005	<0.05	0.00013	0.000561	1.27	<0.0001	0.0770	0.00745	0.0595	2.99	0.00217	0.0114	1.73
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0341	0.00007	<0.000005	<0.05	0.00011	0.000511	0.89	<0.0001	0.0700	0.00858	0.0827	3.99	0.00234	0.0118	1.41
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0348	0.00009	<0.000005	<0.05	0.00012	0.000462	0.71	<0.0001	0.0611	0.00854	0.0970	4.09	0.00248	0.0114	1.27
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0385	0.00010	<0.000005	<0.05	0.00011	0.000358	0.78	<0.0001	0.0490	0.00846	0.0924	3.75	0.00287	0.0108	1.17
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0364	0.00009	<0.000005	<0.05	0.00014	0.000315	0.70	<0.0001	0.0386	0.00834	0.0856	2.24	0.00292	0.0119	1.03
BR02-6	HC-22															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-6	HC-22															
BR02-6	HC-22	0.0143	<0.00001	<0.002	<0.00005	0.00413	1.27	0.00336	0.00004	0.9	<0.000005	0.08	0.00807	<10	<0.00002	0.000008
BR02-6	HC-22															
BR02-6	HC-22	0.0169	<0.00001	0.003	<0.00005	0.00540	1.33	0.00356	0.00006	1.0	<0.000005	0.09	0.00890	<10	<0.00002	0.000010
BR02-6	HC-22															
BR02-6	HC-22	0.0183	<0.00001	<0.002	<0.00005	0.00593	1.26	0.00341	0.00004	0.9	<0.000005	0.08	0.00908	<10	<0.00002	0.000010
BR02-6	HC-22															
BR02-6	HC-22	0.0233	<0.00001	0.006	<0.00005	0.00801	1.29	0.00397	0.00006	0.9	<0.000005	0.09	0.0114	<10	<0.00002	0.000012
BR02-6	HC-22															
BR02-6	HC-22	0.0229	<0.00001	0.003	<0.00005	0.00786	1.28	0.00377	0.00007	0.9	<0.000005	0.08	0.0106	<10	<0.00002	0.000010
BR02-6	HC-22															
BR02-6	HC-22	0.0290	<0.00001	<0.002	<0.00005	0.0106	1.19	0.00384	0.00008	1.0	<0.000005	0.08	0.0114	<10	<0.00002	0.000011
BR02-6	HC-22															
BR02-6	HC-22	0.0326	<0.00001	0.006	<0.00005	0.0114	1.36	0.00388	0.00007	1.0	<0.000005	0.09	0.0121	<10	<0.00002	0.000012
BR02-6	HC-22															
BR02-6	HC-22	0.0329	<0.00001	0.004	<0.00005	0.0132	1.24	0.00388	0.00005	1.0	<0.000005	0.09	0.0119	<10	<0.00002	0.000011
BR02-6	HC-22															
BR02-6	HC-22	0.0366	<0.00001	0.003	<0.00005	0.0157	1.25	0.00378	0.00005	1.1	<0.000005	0.10	0.0126	<10	<0.00002	0.000012
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0463	<0.00001	<0.002	<0.00005	0.0226	1.22	0.00367	0.00007	1.0	<0.000005	0.06	0.0150	<10	<0.00002	0.000013
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0755	<0.00001	0.002	<0.00005	0.0455	1.53	0.00395	0.00007	1.1	<0.000005	0.11	0.0224	<10	<0.00002	0.000019
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.154	<0.00001	<0.002	<0.00005	0.133	1.96	0.00563	0.00018	1.6	<0.000005	0.12	0.0448	<10	<0.00002	0.000026
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.132	0.00002	<0.002	<0.00005	0.163	2.09	0.00570	0.00017	1.6	<0.000005	0.11	0.0328	<10	<0.00002	0.000026
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.100	0.00001	0.008	<0.00005	0.169	2.00	0.00511	0.00018	1.3	<0.000005	0.12	0.0211	<10	<0.00002	0.000024
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0808	<0.00001	0.004	<0.00005	0.161	1.99	0.00546	0.00017	1.4	<0.000005	0.12	0.0133	<10	<0.00002	0.000025
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0712	<0.00001	0.005	<0.00005	0.148	1.94	0.00495	0.00015	1.5	<0.000005	0.12	0.0100	<10	<0.00002	0.000025
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0584	<0.00001	0.007	<0.00005	0.130	1.90	0.00609	0.00014	2.0	<0.000005	0.12	0.00789	<10	<0.00002	0.000024
BR02-6	HC-22															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00002	0.000022	<0.0002	0.0003	<0.0001	<0.002				0.11	0.12	-6.03
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	0.0007	<0.00001	0.000028	0.0002	0.0013	<0.0001	<0.002				0.11	0.13	-9.02
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000030	<0.0002	0.0004	<0.0001	<0.002				0.12	0.13	-4.42
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000038	<0.0002	0.0005	<0.0001	<0.002				0.14	0.14	0.00
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000028	<0.0002	0.0006	<0.0001	<0.002				0.13	0.13	-3.08
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000034	<0.0002	0.0008	<0.0001	<0.002				0.146	0.141	1.74
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000041	<0.0002	0.0010	<0.0001	<0.002				0.142	0.154	-4.05
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000042	<0.0002	0.0013	<0.0001	<0.002				0.172	0.149	7.17
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00002	0.000050	<0.0002	0.0012	<0.0001	<0.002				0.161	0.153	2.55
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000069	<0.0002	0.0022	<0.0001	<0.002				0.148	0.162	-4.52
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.000006	<0.0002	<0.0005	<0.00001	0.000185	<0.0002	0.0063	<0.0001	<0.002				0.204	0.240	-8.11
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00114	<0.0002	0.0337	<0.0001	<0.002				0.360	0.368	-1.10
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.000007	<0.0002	0.0007	<0.00001	0.00266	<0.0002	0.0607	<0.0001	<0.002				0.417	0.407	1.21
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00339	<0.0002	0.0664	<0.0001	<0.002				0.379	0.398	-2.45
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00399	<0.0002	0.0626	<0.0001	<0.002				0.381	0.388	-0.910
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00426	<0.0002	0.0496	<0.0001	<0.002				0.349	0.367	-2.51
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.000007	<0.0002	<0.0005	<0.00001	0.00405	0.0008	0.0413	<0.0001	<0.002				0.299	0.298	0.170
BR02-6	HC-22															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	113	23-Mar-15	500	480	4.53	49.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	114	30-Mar-15	500	480		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	115	06-Apr-15	500	470	4.54	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	116	13-Apr-15	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	117	20-Apr-15	500	470	4.49	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	118	27-Apr-15	500	465		49.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	119	04-May-15	500	470	4.48	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	120	11-May-15	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	121	18-May-15	500	460	4.48	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	122	25-May-15	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	123	01-Jun-15	500	475	4.51	43.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	124	08-Jun-15	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	125	15-Jun-15	500	480	4.55	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	126	22-Jun-15	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	127	29-Jun-15	500	465	4.60	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	128	06-Jul-15	500	470		38.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	129	13-Jul-15	500	475	4.60	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	130	20-Jul-15	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	131	27-Jul-15	500	465	4.61	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	132	03-Aug-15	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	133	10-Aug-15	500	475	4.61	31.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	134	17-Aug-15	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	135	24-Aug-15	500	465	4.65	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	136	31-Aug-15	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	137	07-Sep-15	500	465	4.58	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	138	14-Sep-15	500	470		34.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	139	21-Sep-15	500	465	4.60	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	140	28-Sep-15	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	141	05-Oct-15	500	460	4.61	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	142	12-Oct-15	500	450		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	143	19-Oct-15	500	495	4.60	30.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	144	26-Oct-15	500	495		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	145	02-Nov-15	500	460	4.62	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	146	09-Nov-15	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	147	16-Nov-15	500	465	4.59	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	148	23-Nov-15	500	470		32.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	149	30-Nov-15	500	465	4.61	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	150	07-Dec-15	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	151	14-Dec-15	500	470	4.59	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	152	21-Dec-15	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	153	28-Dec-15	500	465	4.61	32.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	154	04-Jan-16	500	480		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	155	11-Jan-16	500	470	4.59	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	156	18-Jan-16	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	157	25-Jan-16	500	475	4.54	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	158	01-Feb-16	500	475		28.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	159	08-Feb-16	500	445	4.73	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	160	15-Feb-16	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	161	22-Feb-16	500	470	4.71	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	162	29-Feb-16	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	163	07-Mar-16	500	470	4.69	27.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	220	13.2	<0.5	8.9	<0.5			<0.5					6.8	0.520	<0.00002	0.00025
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	205	12.0	<0.5	8.0	<0.5			0.5					6.5	0.457	<0.00002	0.00013
BR02-6	HC-22																
BR02-6	HC-22	200	10.6	<0.5	4.9	<0.5			<0.5					6.6	0.371	<0.00002	<0.00002
BR02-6	HC-22																
BR02-6	HC-22	205	10.5	<0.5	2.5	<0.5			<0.5					6.6	0.271	<0.00002	0.00003
BR02-6	HC-22																
BR02-6	HC-22	190	8.9	<0.5	2.8	<0.5			1.0					6.2	0.247	<0.00002	0.00005
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	200	8.6	<0.5	4.0	<0.5			<0.5					5.9	0.230	<0.00002	0.00008
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	195	8.0	<0.5	2.2	<0.5			<0.5					5.4	0.249	<0.00002	0.00003
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	195	7.2	<0.5	3.7	<0.5			<0.5					5.0	0.199	<0.00002	0.00006
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	180	7.4	<0.5	3.2	<0.5			<0.5					5.4	0.484	<0.00002	0.00013
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	150	7.4	<0.5	3.0	<0.5			<0.5					4.8	0.210	<0.00002	<0.00002
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	160	8.2	<0.5	3.7	<0.5			<0.5					5.3	0.217	<0.00002	0.00003
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	160	6.2	<0.5	3.0	<0.5			<0.5					4.3	0.173	<0.00002	<0.00002
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	150	7.2	<0.5	2.9	<0.5			<0.5					4.2	0.157	<0.00002	<0.00002

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0377	0.00010	<0.000005	<0.05	0.00025	0.000281	0.77	0.0006	0.0326	0.00961	0.0871	1.42	0.00356	0.0123	1.18
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0359	0.00011	<0.000005	<0.05	0.00019	0.000301	0.82	<0.0001	0.0340	0.0138	0.0906	0.399	0.00367	0.0134	1.07
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0298	0.00008	<0.000005	<0.05	0.00021	0.000231	0.90	<0.0001	0.0299	0.0154	0.0663	0.145	0.00336	0.0138	1.06
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0227	0.00007	<0.000005	<0.05	0.00018	0.000213	0.96	<0.0001	0.0282	0.0149	0.0473	0.066	0.00289	0.0133	1.03
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0187	0.00006	<0.000005	<0.05	0.00018	0.000183	0.98	<0.0001	0.0261	0.0154	0.0395	0.042	0.00255	0.0122	0.90
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0168	0.00005	<0.000005	<0.05	0.00014	0.000160	1.00	<0.0001	0.0228	0.0151	0.0345	0.029	0.00233	0.0124	0.83
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0160	0.00007	<0.000005	<0.05	0.00014	0.000157	0.93	<0.0001	0.0216	0.0163	0.0315	0.023	0.00229	0.0094	0.76
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0171	0.00006	<0.000005	<0.05	0.00015	0.000142	0.86	<0.0001	0.0194	0.0151	0.0277	0.016	0.00229	0.0088	0.70
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0127	0.00006	<0.000005	<0.05	0.00014	0.000149	0.98	<0.0001	0.0181	0.0178	0.0281	<0.001	0.00193	0.0088	0.70
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0130	0.00006	<0.000005	<0.05	0.00013	0.000139	0.89	<0.0001	0.0168	0.0164	0.0284	0.073	0.00190	0.0072	0.63
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0142	0.00007	<0.000005	<0.05	0.00012	0.000155	0.98	<0.0001	0.0178	0.0180	0.0296	0.076	0.00195	0.0094	0.69
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0107	0.00005	<0.000005	<0.05	0.00010	0.000113	0.86	<0.0001	0.0128	0.0146	0.0221	0.122	0.00168	0.0061	0.53
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00978	0.00005	<0.000005	<0.05	0.00012	0.000114	0.83	<0.0001	0.0130	0.0142	0.0204	0.038	0.00147	0.0061	0.51

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0562	<0.00001	0.005	<0.00005	0.122	1.90	0.00729	0.00010	1.7	<0.000005	0.11	0.00619	<10	<0.00002	0.000026
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0572	<0.00001	<0.002	<0.00005	0.129	1.83	0.00830	0.00011	1.6	<0.000005	0.11	0.00597	<10	<0.00002	0.000029
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0521	<0.00001	0.004	<0.00005	0.110	1.67	0.00848	0.00007	1.4	0.000005	0.09	0.00494	<10	<0.00002	0.000039
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0482	<0.00001	0.007	<0.00005	0.0999	1.35	0.00709	0.00006	1.5	0.000009	0.10	0.00431	<10	<0.00002	0.000018
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0418	<0.00001	0.009	<0.00005	0.0904	1.12	0.00643	0.00005	1.2	<0.000005	0.09	0.00389	<10	<0.00002	0.000023
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0363	<0.00001	0.006	<0.00005	0.0767	0.98	0.00571	0.00004	1.2	<0.000005	0.10	0.00355	<10	<0.00002	0.000021
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0334	<0.00001	0.004	<0.00005	0.0712	0.86	0.00513	0.00005	1.3	<0.000005	0.10	0.00336	<10	<0.00002	0.000022
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0304	<0.00001	0.005	<0.00005	0.0623	0.81	0.00520	<0.00004	1.2	<0.000005	0.09	0.00344	<10	<0.00002	0.000021
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0482	<0.00001	0.005	0.00008	0.0595	0.78	0.00458	<0.00004	1.1	<0.000005	0.09	0.00343	<10	<0.00002	0.000017
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0266	<0.00001	0.003	<0.00005	0.0533	0.70	0.00412	<0.00004	1.1	<0.000005	0.09	0.00312	<10	<0.00002	0.000013
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0276	<0.00001	0.005	<0.00005	0.0528	0.70	0.00429	<0.00004	1.2	<0.000005	0.09	0.00347	<10	<0.00002	0.000013
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0218	<0.00001	0.003	<0.00005	0.0411	0.56	0.00330	<0.00004	0.9	<0.000005	0.08	0.00261	<10	<0.00002	0.000013
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0209	<0.00001	<0.002	<0.00005	0.0398	0.57	0.00380	<0.00004	1.0	<0.000005	0.09	0.00262	<10	<0.00002	0.000012

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.000060	<0.0002	0.0034	<0.00001	0.00399	0.0007	0.0362	<0.0001	<0.002				0.276	0.313	-6.28
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00383	0.0006	0.0425	<0.0001	<0.002				0.265	0.250	2.91
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00305	<0.0002	0.0378	<0.0001	<0.002				0.221	0.229	-1.78
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00217	<0.0002	0.0351	<0.0001	<0.002				0.218	0.207	2.59
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00172	<0.0002	0.0314	<0.0001	<0.002				0.212	0.188	6.00
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	0.00001	0.00140	<0.0002	0.0293	<0.0001	<0.002				0.180	0.177	0.84
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00131	0.0002	0.0296	<0.0001	<0.002				0.166	0.166	0.00
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.00112	<0.0002	0.0262	<0.0001	<0.002				0.150	0.150	0.00
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000937	<0.0002	0.0273	<0.0001	<0.002				0.153	0.251	-24.3
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000901	0.0003	0.0263	<0.0001	<0.002				0.154	0.172	-5.52
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000891	<0.0002	0.0277	<0.0001	<0.002				0.171	0.183	-3.39
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000704	0.0006	0.0225	<0.0001	<0.002				0.128	0.148	-7.25
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000573	0.0005	0.0222	<0.0001	<0.002				0.150	0.142	2.74

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	164	14-Mar-16	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	165	21-Mar-16	500	475	4.70	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	166	28-Mar-16	500	465		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	167	04-Apr-16	500	460	4.71	26.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	168	11-Apr-16	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	169	18-Apr-16	500	470	4.71	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	170	25-Apr-16	500	455		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	171	02-May-16	500	480	4.64	24.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	172	09-May-16	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	173	16-May-16	500	455	4.61	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	174	23-May-16	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	175	30-May-16	500	475	4.59	26.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	176	06-Jun-16	500	460		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	177	13-Jun-16	500	465	4.66	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	178	20-Jun-16	500	470		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	179	27-Jun-16	500	465	4.65	26.0
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	180	04-Jul-16	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	181	11-Jul-16	500	475	4.38	
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	182	18-Jul-16	500	475		
BR02-6	HC-22	Llama	Greywacke/Mudstone	12GSE159B	246.46	248.00	0.09	0.01	0.01	11.50	7.44	183	25-Jul-16	500	470	4.49	21.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	0	14-Oct-13	750	645	7.54	394
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	1	21-Oct-13	500	470	7.63	554
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	2	28-Oct-13	500	445	7.03	462
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	3	04-Nov-13	500	430	7.27	384
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	4	11-Nov-13	500	450	7.16	285
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	5	18-Nov-13	500	445	7.18	204
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	6	25-Nov-13	500	430	7.32	197
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	7	02-Dec-13	500	430	7.55	184
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	8	09-Dec-13	500	430	7.27	135
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	9	16-Dec-13	500	420	7.53	125
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	10	23-Dec-13	500	400	7.47	125
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	11	30-Dec-13	500	400	7.39	127
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	12	06-Jan-14	500	400	7.43	141
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	13	13-Jan-14	500	410	7.45	148
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	14	20-Jan-14	500	400	7.24	147
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	15	27-Jan-14	500	400	7.36	140
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	16	03-Feb-14	500	440	7.12	120
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	17	10-Feb-14	500	455	7.19	142
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	18	17-Feb-14	500	485	7.30	170
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	19	24-Feb-14	500	475	7.32	141
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	20	03-Mar-14	500	475	7.46	128
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	21	10-Mar-14	500	455	7.43	158
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	22	17-Mar-14	500	495	7.44	126

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	210	7.0	<0.5	2.8	<0.5			<0.5					3.9	0.145	<0.00002	<0.00002
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	120	5.6	<0.5	2.5	<0.5			<0.5					3.9	0.150	<0.00002	0.00007
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	190	6.7	<0.5	3.3	<0.5			<0.5					4.1	0.160	<0.00002	0.00003
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	145	5.8	<0.5	2.9	<0.5			0.7					4.1	0.160	<0.00002	0.00005
BR02-6	HC-22																
BR02-6	HC-22																
BR02-6	HC-22	200	6.1	<0.5	2.4	<0.5			<0.5					3.5	0.173	<0.00002	0.00004

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-01	HC-30	160	140	<0.5	<0.5	31.2	<0.05	0.179	16.8	<0.02	<0.005	0.008	0.005	191.0	0.0098	0.00015	0.0521
BR04-01	HC-30	170	201	<0.5	1.2	14.2	<0.05	0.217	29.6	0.03	<0.005	0.027	0.010	278.0	0.0183	0.00050	0.209
BR04-01	HC-30	145	178	<0.5	<0.5	7.0	<0.05	0.108	20.4	<0.02	<0.005	0.039	0.020	203.0	0.0220	0.00035	0.117
BR04-01	HC-30	145	169	<0.5	0.5	12.8	<0.05	0.047	7.6	<0.02	<0.005	<0.005	0.013	191.0	0.0192	0.00032	0.0866
BR04-01	HC-30	155	119	<0.5	1.0	11.9	<0.05	0.016	4.4	<0.02	0.005	0.019	0.008	141.0	0.0120	0.00026	0.0704
BR04-01	HC-30	140	79.2	<0.5	0.7	12.8	<0.05	<0.01	2.5					89.2	0.0151	0.00024	0.0808
BR04-01	HC-30	160	75.4	<0.5	2.4	9.9	<0.05	<0.01	1.8					88.3	0.0150	0.00019	0.0737
BR04-01	HC-30	155	67.2	<0.5	<0.5	11.3	<0.05	<0.01	0.7					80.2	0.0158	0.00021	0.0871
BR04-01	HC-30	165	43.8	<0.5	<0.5	10.5	<0.05	<0.01	0.9					57.5	0.0156	0.00019	0.0825
BR04-01	HC-30	140	51.3	<0.5	<0.5	11.7	<0.05	<0.01	0.7					64.7	0.0205	0.00021	0.1050
BR04-01	HC-30	155	41.6	<0.5	1.1	10.7	<0.05	<0.01	1.2					52.2	0.0163	0.00018	0.0835
BR04-01	HC-30	135	43.8	<0.5	0.6	9.8	<0.05	<0.01	<0.5					56.6	0.0171	0.00016	0.0820
BR04-01	HC-30	150	49.3	<0.5	<0.5	8.6	<0.05	<0.01	<0.5					60.5	0.0098	0.00013	0.0643
BR04-01	HC-30	130	54.2	<0.5	0.6	10.8	<0.05	<0.01	<0.5					65.4	0.0123	0.00016	0.0755
BR04-01	HC-30	140	53.6	<0.5	0.8	8.7	<0.05	<0.01	<0.5					62.6	0.0105	0.00014	0.0641
BR04-01	HC-30	130	49.4	<0.5	<0.5	9.9	<0.05	<0.01	<0.5					58.4	0.0130	0.00012	0.0645
BR04-01	HC-30	170	43.0	<0.5	1.1	8.0	<0.05	<0.01	<0.5					49.6	0.0185	0.00009	0.0867
BR04-01	HC-30	130	54.6	<0.5	0.7	7.6	<0.05	<0.01	<0.5					59.9	0.0128	0.00010	0.0767
BR04-01	HC-30	160	64.4	<0.5	0.6	10.1	<0.05	<0.01	<0.5					72.1	0.0148	0.00011	0.0916
BR04-01	HC-30	140	52.4	<0.5	0.9	8.4	<0.05	<0.01	<0.5					60.4	0.0142	0.00012	0.106
BR04-01	HC-30	160	44.2	<0.5	<0.5	11.6	<0.05	<0.01	<0.5					54.8	0.0160	0.00013	0.112
BR04-01	HC-30	140	42.1	<0.5	<0.5	12.4	<0.05	<0.01	<0.5					56.8	0.0175	0.00014	0.134
BR04-01	HC-30	155	40.3	<0.5	<0.5	13.3	<0.05	0.02	<0.5					54.6	0.0139	0.00015	0.114

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00956	0.00005	<0.000005	<0.05	0.00010	0.000121	0.79	<0.0001	0.0118	0.0147	0.0178	0.078	0.00141	0.0054	0.47
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00987	0.00005	<0.000005	<0.05	0.00011	0.000109	0.84	<0.0001	0.0100	0.0133	0.0170	0.086	0.00128	0.0050	0.43
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00774	0.00005	<0.000005	<0.05	0.00011	0.000100	0.82	<0.0001	0.00984	0.0126	0.0177	0.010	0.00123	0.0048	0.49
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.01150	0.00005	<0.000005	<0.05	0.00015	0.000103	0.85	<0.0001	0.0102	0.0138	0.0186	0.009	0.00129	0.0048	0.47
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.00741	0.00005	<0.000005	<0.05	0.00011	0.000100	0.71	<0.0001	0.00948	0.0152	0.0208	0.028	0.00125	0.0043	0.42

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-01	HC-30	0.00946	<0.00001	<0.000005	<0.05	0.00059	0.000008	51.7	<0.0001	0.025300	0.00097	<0.00005	0.003	0.000078	0.0072	15.00
BR04-01	HC-30	0.00343	<0.00001	<0.000005	<0.05	0.00041	<0.000005	72.6	<0.0001	0.004200	0.00095	<0.00005	0.005	0.000012	0.0048	23.40
BR04-01	HC-30	0.00185	<0.00001	<0.000005	<0.05	0.00024	<0.000005	51.3	<0.0001	0.002110	0.00099	<0.00005	0.003	0.000005	0.0032	18.10
BR04-01	HC-30	0.00200	<0.00001	<0.000005	<0.05	0.00021	<0.000005	51.9	<0.0001	0.003300	0.00119	<0.00005	0.003	0.000006	0.0030	14.90
BR04-01	HC-30	0.00252	<0.00001	<0.000005	<0.05	0.00015	<0.000005	41.6	<0.0001	0.003680	0.00114	<0.00005	0.018	0.000014	0.0020	8.91
BR04-01	HC-30	0.00105	<0.00001	<0.000005	<0.05	0.00011	<0.000005	26.2	<0.0001	0.002270	0.00081	<0.00005	0.009	0.000007	0.0018	5.76
BR04-01	HC-30	0.00092	<0.00001	<0.000005	<0.05	0.00010	<0.000005	26.9	<0.0001	0.002220	0.00074	<0.00005	0.003	<0.000005	0.0015	5.13
BR04-01	HC-30	0.00077	<0.00001	<0.000005	<0.05	0.00009	<0.000005	24.1	<0.0001	0.001730	0.00078	<0.00005	0.003	0.000007	0.0016	4.87
BR04-01	HC-30	0.00063	<0.00001	<0.000005	<0.05	0.00007	<0.000005	16.6	<0.0001	0.001440	0.00069	<0.00005	0.004	0.000008	0.0013	3.89
BR04-01	HC-30	0.00058	<0.00001	<0.000005	<0.05	0.00007	<0.000005	19.2	<0.0001	0.001390	0.00065	<0.00005	0.003	<0.000005	0.0014	4.04
BR04-01	HC-30	0.00060	<0.00001	<0.000005	<0.05	0.00006	<0.000005	15.3	<0.0001	0.001630	0.00099	<0.00005	0.007	<0.000005	0.0012	3.37
BR04-01	HC-30	0.00052	<0.00001	<0.000005	<0.05	0.00006	<0.000005	16.3	<0.0001	0.001700	0.00074	<0.00005	0.006	<0.000005	0.0015	3.85
BR04-01	HC-30	0.00069	<0.00001	<0.000005	<0.05	0.00005	0.000022	17.1	<0.0001	0.003010	0.00078	<0.00005	0.012	0.000005	0.0012	4.30
BR04-01	HC-30	0.00053	<0.00001	<0.000005	<0.05	0.00005	<0.000005	18.3	<0.0001	0.002450	0.00080	<0.00005	0.006	<0.000005	0.0013	4.78
BR04-01	HC-30	0.00056	<0.00001	<0.000005	<0.05	0.00005	<0.000005	18.2	<0.0001	0.002950	0.00114	<0.00005	0.011	<0.000005	0.0012	4.13
BR04-01	HC-30	0.00053	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.5	<0.0001	0.002530	0.00092	<0.00005	0.010	<0.000005	0.0012	4.16
BR04-01	HC-30	0.00031	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.3	<0.0001	0.000888	0.00061	<0.00005	0.004	0.000006	0.0009	3.41
BR04-01	HC-30	0.00043	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	17.9	<0.0001	0.001100	0.00067	<0.00005	0.001	<0.000005	0.0006	3.69
BR04-01	HC-30	0.00056	<0.00001	<0.000005	<0.05	<0.00005	0.000007	23.2	<0.0001	0.001020	0.00086	<0.00005	0.002	<0.000005	0.0012	3.41
BR04-01	HC-30	0.00043	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	18.8	<0.0001	0.000988	0.00080	<0.00005	0.001	<0.000005	0.0010	3.25
BR04-01	HC-30	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.7	<0.0001	0.000891	0.00116	<0.00005	0.003	0.000205	0.0010	3.16
BR04-01	HC-30	0.00904	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	17.8	<0.0001	0.000828	0.00079	<0.00005	0.001	<0.000005	0.0010	2.97
BR04-01	HC-30	0.00052	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	17.0	<0.0001	0.000943	0.00082	<0.00005	<0.001	<0.000005	0.0011	2.97

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0193	<0.00001	0.006	<0.00005	0.0484	0.47	0.00340	<0.00004	0.9	<0.000005	0.08	0.00243	<10	<0.00002	0.000012
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0177	<0.00001	0.005	<0.00005	0.0320	0.47	0.00348	<0.00004	1.0	<0.000005	0.09	0.00221	<10	<0.00002	0.000015
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0184	<0.00001	<0.002	<0.00005	0.0315	0.43	0.00359	<0.00004	1.0	<0.000005	0.08	0.00271	<10	<0.00002	0.000013
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0190	<0.00001	0.003	<0.00005	0.0327	0.46	0.00405	<0.00004	0.9	<0.000005	0.11	0.00252	<10	<0.00002	0.000015
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	0.0164	<0.00001	<0.002	<0.00005	0.0306	0.39	0.00302	<0.00004	0.8	<0.000005	0.10	0.00240	<10	<0.00002	0.000017

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-01	HC-30	0.674	<0.00001	0.005	0.00023	0.06770	1.76	0.00254	0.00360	0.9	<0.000005	3.20	0.161	52	<0.00002	0.000101
BR04-01	HC-30	0.347	<0.00001	0.007	0.00108	0.00972	1.71	0.00211	0.00919	1.3	0.000007	4.69	0.150	100	<0.00002	0.000032
BR04-01	HC-30	0.166	<0.00001	0.005	0.00107	0.00419	1.06	0.00132	0.00849	0.9	<0.000005	2.79	0.0903	81	<0.00002	0.000017
BR04-01	HC-30	0.178	<0.00001	0.006	0.00112	0.00597	0.95	0.00121	0.00578	0.9	0.000008	2.00	0.0774	65	<0.00002	0.000022
BR04-01	HC-30	0.145	<0.00001	0.007	0.00084	0.00640	0.71	0.00096	0.00515	0.9	<0.000005	0.96	0.0504	43	<0.00002	0.000019
BR04-01	HC-30	0.0965	<0.00001	0.014	0.00070	0.00429	0.56	0.00067	0.00385	0.8	<0.000005	0.59	0.0284	29	<0.00002	0.000020
BR04-01	HC-30	0.0886	0.00007	0.016	0.00065	0.00373	0.45	0.00057	0.00336	0.8	<0.000005	0.48	0.0274	27	<0.00002	0.000016
BR04-01	HC-30	0.0715	<0.00001	0.009	0.00056	0.00291	0.44	0.00055	0.00308	0.9	<0.000005	0.40	0.0221	24	<0.00002	0.000012
BR04-01	HC-30	0.0580	<0.00001	0.012	0.00054	0.00247	0.34	0.00047	0.00255	0.7	<0.000005	0.29	0.0154	17	<0.00002	0.000011
BR04-01	HC-30	0.0624	<0.00001	0.011	0.00056	0.00250	0.36	0.00050	0.00238	0.9	<0.000005	0.30	0.0176	19	<0.00002	0.000012
BR04-01	HC-30	0.0544	0.00002	0.013	0.00047	0.00272	0.31	0.00041	0.00198	0.8	<0.000005	0.22	0.0131	14	<0.00002	0.000013
BR04-01	HC-30	0.0575	0.00008	0.007	0.00043	0.00300	0.30	0.00041	0.00202	0.8	<0.000005	0.21	0.0116	14	<0.00002	0.000010
BR04-01	HC-30	0.0743	0.00001	0.008	0.00051	0.00445	0.30	0.00038	0.00211	0.7	<0.000005	0.20	0.0116	17	<0.00002	0.000011
BR04-01	HC-30	0.0690	<0.00001	0.020	0.00044	0.00379	0.30	0.00040	0.00219	0.8	<0.000005	0.21	0.0128	18	<0.00002	0.000010
BR04-01	HC-30	0.0718	<0.00001	0.008	0.00046	0.00460	0.28	0.00040	0.00194	0.8	<0.000005	0.17	0.0131	18	<0.00002	0.000013
BR04-01	HC-30	0.0670	<0.00001	0.004	0.00033	0.00398	0.26	0.00035	0.00176	0.7	0.000006	0.14	0.0111	18	<0.00002	0.000011
BR04-01	HC-30	0.0430	<0.00001	0.005	0.00020	0.00143	0.18	0.00023	0.00137	0.6	<0.000005	0.12	0.00808	14	<0.00002	0.000007
BR04-01	HC-30	0.0539	<0.00001	0.007	0.00026	0.00164	0.15	0.00023	0.00157	0.6	<0.000005	0.11	0.0101	17	<0.00002	0.000010
BR04-01	HC-30	0.0586	<0.00001	0.007	0.00030	0.00142	0.18	0.00024	0.00136	0.8	<0.000005	0.12	0.0153	20	<0.00002	0.000011
BR04-01	HC-30	0.0536	<0.00001	0.005	0.00035	0.00129	0.17	0.00023	0.00119	0.7	<0.000005	0.11	0.0114	18	<0.00002	0.000011
BR04-01	HC-30	0.0528	<0.00001	0.010	0.00037	0.00116	0.16	0.00022	0.00105	0.7	<0.000005	0.11	0.00949	16	<0.00002	0.000011
BR04-01	HC-30	0.0457	<0.00001	0.006	0.00040	0.00109	0.15	0.00020	0.00100	0.8	<0.000005	0.10	0.0105	15	<0.00002	0.000010
BR04-01	HC-30	0.0505	<0.00001	0.006	0.00045	0.00118	0.16	0.00025	0.00094	0.8	<0.000005	0.10	0.00893	14	<0.00002	0.000013

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000537	<0.0002	0.0201	<0.0001	<0.002				0.145	0.134	3.94
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000467	<0.0002	0.0181	<0.0001	<0.002				0.116	0.138	-8.66
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000429	<0.0002	0.0178	<0.0001	<0.002				0.140	0.141	-0.36
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000429	<0.0002	0.0210	<0.0001	<0.002				0.139	0.140	-0.36
BR02-6	HC-22															
BR02-6	HC-22															
BR02-6	HC-22	<0.000005	<0.0002	<0.0005	<0.00001	0.000461	<0.0002	0.0178	<0.0001	<0.002				0.126	0.139	-4.91

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00004	0.000179	<0.0002	0.0006	<0.0001	0.003				4.01	4.02	-0.07
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000371	<0.0002	0.0004	<0.0001	0.006				5.31	5.81	-4.50
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000104	<0.0002	0.0002	<0.0001	0.002				4.43	4.21	2.62
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000141	<0.0002	0.0010	<0.0001	0.003				4.00	3.93	0.83
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00005	0.000166	<0.0002	0.0007	<0.0001	<0.002				2.84	2.88	-0.59
BR04-01	HC-30	0.000005	<0.0002	<0.0005	0.00005	0.000145	<0.0002	0.0005	<0.0001	<0.002				1.98	1.83	3.94
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00004	0.000126	<0.0002	0.0002	<0.0001	<0.002				1.82	1.80	0.44
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000153	<0.0002	0.0002	<0.0001	<0.002				1.65	1.64	0.34
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00007	0.000129	<0.0002	0.0004	<0.0001	<0.002				1.15	1.17	-1.08
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000140	<0.0002	0.0001	<0.0001	<0.002				1.32	1.32	0.11
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000115	<0.0002	0.0003	<0.0001	<0.002				1.11	1.07	2.16
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000118	<0.0002	0.0002	<0.0001	<0.002				1.11	1.15	-1.99
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00005	0.000100	<0.0002	0.0019	<0.0001	<0.002				1.20	1.23	-1.23
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00005	0.000143	<0.0002	0.0002	<0.0001	<0.002				1.35	1.33	0.67
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00005	0.000111	<0.0002	0.0001	<0.0001	<0.002				1.29	1.27	0.86
BR04-01	HC-30	<0.000005	<0.0002	0.0005	0.00004	0.000098	<0.0002	0.0002	<0.0001	<0.002				1.23	1.18	1.83
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000060	<0.0002	0.0003	<0.0001	<0.002				1.06	1.01	2.42
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000050	<0.0002	0.0003	<0.0001	<0.002				1.29	1.21	3.20
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000087	<0.0002	0.0002	<0.0001	<0.002				1.54	1.46	2.94
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000078	<0.0002	0.0001	<0.0001	<0.002				1.26	1.22	1.65
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000077	<0.0002	<0.0001	<0.0001	<0.002				1.15	1.11	2.04
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00004	0.000082	<0.0002	0.0018	<0.0001	<0.002				1.13	1.15	-0.92
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00004	0.000120	<0.0002	<0.0001	<0.0001	<0.002				1.11	1.10	0.09

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	23	24-Mar-14	500	455	7.36	102
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	24	31-Mar-14	500	455	7.30	124
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	25	07-Apr-14	500	450	7.20	113
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	26	14-Apr-14	500	450	7.12	109
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	27	21-Apr-14	500	450	7.13	118
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	28	28-Apr-14	500	440	7.24	123
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	29	05-May-14	500	425	7.04	123
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	30	12-May-14	500	450	7.19	122
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	31	19-May-14	500	485	7.19	151
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	32	26-May-14	500	480	7.23	139
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	33	02-Jun-14	500	475	7.36	149
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	34	09-Jun-14	500	465	7.15	147
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	35	16-Jun-14	500	465	7.30	148
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	36	23-Jun-14	500	470	7.32	147
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	37	30-Jun-14	500	470	7.34	139
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	38	07-Jul-14	500	485	7.30	143
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	39	14-Jul-14	500	465	7.35	141
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	40	21-Jul-14	500	470	7.33	150
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	41	21-Jul-14	500	470	7.33	150
BR04-01	HC-30	Locale 2	Greywacke (ore)	13GRL131	33.70	35.40	7.85	7.80	0.45	55.00	2.12	42	28-Jul-14	500	470	7.29	163

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	0	14-Oct-13	750	640	8.95	116
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	1	21-Oct-13	500	455	8.25	153
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	2	28-Oct-13	500	465	7.82	164
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	3	04-Nov-13	500	460	7.66	131
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	4	11-Nov-13	500	465	7.72	131
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	5	18-Nov-13	500	460	7.69	102
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	6	25-Nov-13	500	490	7.79	101
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	7	02-Dec-13	500	455	8.26	91.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	8	09-Dec-13	500	460	7.85	79.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	9	16-Dec-13	500	460	7.97	91.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	10	23-Dec-13	500	480	8.01	91.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	11	30-Dec-13	500	465	7.91	88.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	12	06-Jan-14	500	485	7.80	88.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	13	13-Jan-14	500	470	7.92	78.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	14	20-Jan-14	500	460	7.84	65.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	15	27-Jan-14	500	450	7.65	56.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	16	03-Feb-14	500	470	7.79	71.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	17	10-Feb-14	500	475	7.69	73.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	18	17-Feb-14	500	485	7.87	66.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	19	24-Feb-14	500	460	7.82	78.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	20	03-Mar-14	500	490	7.84	69.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	21	10-Mar-14	500	455	7.66	62.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	22	17-Mar-14	500	495	7.63	61.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-01	HC-30	140	34.0	<0.5	0.7	7.8	<0.05	<0.01	<0.5					41.8	0.0157	0.00013	0.121
BR04-01	HC-30	170	39.0	<0.5	<0.5	8.6	<0.05	<0.01	<0.5					52.8	0.0142	0.00017	0.110
BR04-01	HC-30	140	38.8	<0.5	<0.5	7.4	<0.05	<0.01	<0.5					48.1	0.0112	0.00012	0.0780
BR04-01	HC-30	170	36.3	<0.5	<0.5	6.6	<0.05	<0.01	<0.5					46.4	0.0074	0.00011	0.0620
BR04-01	HC-30	135	43.5	<0.5	<0.5	8.0	<0.05	<0.01	<0.5					51.0	0.0070	0.00010	0.0440
BR04-01	HC-30	160	42.2	<0.5	<0.5	7.3	<0.05	<0.01	<0.5					53.1	0.0079	0.00010	0.0586
BR04-01	HC-30	145	43.4	<0.5	<0.5	5.7	<0.05	0.02	<0.5					52.3	0.0069	0.00007	0.0464
BR04-01	HC-30	150	42.8	<0.5	<0.5	6.1	<0.05	<0.01	<0.5					50.9	0.0082	0.00009	0.0672
BR04-01	HC-30	145	54.5	<0.5	0.7	6.6	<0.05	<0.01	<0.5					64.0	0.0091	0.00009	0.0928
BR04-01	HC-30	150	48.1	<0.5	<0.5	7.8	<0.05	<0.01	<0.5					57.3	0.0146	0.00011	0.138
BR04-01	HC-30	140	52.9	<0.5	1.1	8.5	<0.05	<0.01	<0.5					66.0	0.0160	0.00014	0.174
BR04-01	HC-30	155	50.4	<0.5	<0.5	6.6	<0.05	<0.01	<0.5					58.4	0.0129	0.00013	0.180
BR04-01	HC-30	140	51.6	<0.5	<0.5	9.4	<0.05	<0.01	<0.5					61.0	0.0120	0.00014	0.191
BR04-01	HC-30	150	50.4	<0.5	<0.5	8.6	<0.05	<0.01	<0.5					63.3	0.0133	0.00015	0.222
BR04-01	HC-30	145	46.3	<0.5	<0.5	7.8	<0.05	<0.01	0.6					62.7	0.0162	0.00016	0.216
BR04-01	HC-30	145	51.2	<0.5	<0.5	8.9	<0.05	0.02	0.9					61.6	0.0124	0.00015	0.229
BR04-01	HC-30	130	48.6	<0.5	0.6	8.9	<0.05	<0.01	<0.5					59.6	0.0148	0.00015	0.234
BR04-01	HC-30	155	50.3	<0.5	0.8	8.4	<0.05	<0.01	1.0					68.1	0.0148	0.00019	0.270
BR04-01	HC-30	155	50.3	<0.5	0.8	8.4	<0.05	<0.01	1.0					68.1	0.0148	0.00019	0.270
BR04-01	HC-30	135	52.7	<0.5	0.7	8.9	<0.05	<0.01	1.2					69.1	0.0110	0.00016	0.226

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR05-01	HC-33	115	22.7	<0.5	<0.5	25.5	0.07	0.020	4.8	<0.02	<0.005	<0.005	0.009	38.0	0.241	0.00035	0.00361
BR05-01	HC-33	140	35.8	<0.5	<0.5	21.5	0.08	0.018	5.4	0.02	<0.005	0.020	<0.001	53.0	0.214	0.00037	0.00604
BR05-01	HC-33	120	44.0	<0.5	<0.5	16.8	0.07	<0.01	2.9	<0.02	<0.005	<0.005	<0.001	61.1	0.186	0.00039	0.0102
BR05-01	HC-33	130	36.2	<0.5	<0.5	21.3	0.06	<0.01	1.2	<0.02	<0.005	<0.005	<0.001	53.7	0.186	0.00037	0.0132
BR05-01	HC-33	130	38.4	<0.5	2.5	22.8	0.07	<0.01	1.1	<0.02	0.006	<0.005	0.003	53.2	0.203	0.00046	0.0182
BR05-01	HC-33	140	25.8	<0.5	2.1	21.8	0.06	<0.01	0.6					37.3	0.190	0.00036	0.0183
BR05-01	HC-33	145	20.5	<0.5	0.5	25.5	0.06	<0.01	<0.5					44.0	0.155	0.00049	0.0206
BR05-01	HC-33	150	17.1	<0.5	<0.5	22.9	0.06	<0.01	<0.5					35.8	0.190	0.00045	0.0266
BR05-01	HC-33	135	14.7	<0.5	0.6	22.6	<0.05	<0.01	<0.5					33.0	0.160	0.00042	0.0251
BR05-01	HC-33	135	18.5	<0.5	<0.5	28.3	0.06	<0.01	0.7					41.8	0.173	0.00055	0.0314
BR05-01	HC-33	140	17.3	<0.5	3.7	26.6	<0.05	<0.01	<0.5					39.4	0.189	0.00046	0.0350
BR05-01	HC-33	135	14.4	<0.5	<0.5	29.1	<0.05	<0.01	<0.5					39.6	0.190	0.00044	0.0365
BR05-01	HC-33	140	14.7	<0.5	<0.5	26.9	<0.05	<0.01	<0.5					36.6	0.140	0.00041	0.0311
BR05-01	HC-33	120	11.9	<0.5	<0.5	25.4	<0.05	<0.01	<0.5					32.9	0.157	0.00036	0.0351
BR05-01	HC-33	130	10.4	<0.5	<0.5	17.3	<0.05	<0.01	<0.5					27.9	0.150	0.00027	0.0324
BR05-01	HC-33	125	10.0	<0.5	<0.5	15.5	<0.05	<0.01	<0.5					23.2	0.123	0.00022	0.0278
BR05-01	HC-33	145	13.8	<0.5	<0.5	23.3	<0.05	<0.01	0.5					29.7	0.145	0.00026	0.0330
BR05-01	HC-33	120	13.7	<0.5	1.1	23.0	<0.05	<0.01	<0.5					31.8	0.159	0.00027	0.0378
BR05-01	HC-33	140	9.6	<0.5	<0.5	22.2	<0.05	<0.01	0.7					28.2	0.178	0.00022	0.0379
BR05-01	HC-33	130	12.2	<0.5	<0.5	27.6	<0.05	<0.01	<0.5					34.1	0.191	0.00030	0.0511
BR05-01	HC-33	135	8.8	<0.5	<0.5	23.4	<0.05	<0.01	<0.5					29.0	0.162	0.00025	0.0398
BR05-01	HC-33	140	10.4	<0.5	<0.5	20.1	<0.05	<0.01	<0.5					25.9	0.159	0.00020	0.0387
BR05-01	HC-33	135	9.3	<0.5	<0.5	20.5	<0.05	<0.01	<0.5					26.8	0.137	0.00020	0.0360

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-01	HC-30	0.00033	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	12.5	<0.0001	0.001110	0.00161	<0.00005	0.010	0.000009	0.0008	2.55
BR04-01	HC-30	0.00041	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.5	<0.0001	0.001670	0.00188	<0.00005	0.014	0.000010	0.0009	3.43
BR04-01	HC-30	0.00095	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	13.8	<0.0001	0.002010	0.00151	<0.00005	0.014	<0.000005	0.0009	3.32
BR04-01	HC-30	0.00071	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	12.9	<0.0001	0.002890	0.00246	<0.00005	0.032	0.000005	0.0006	3.48
BR04-01	HC-30	0.00069	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.5	0.0004	0.004730	0.00363	<0.00005	0.074	0.000010	0.0009	3.57
BR04-01	HC-30	0.00102	<0.00001	<0.000005	<0.05	0.00006	<0.000005	14.4	<0.0001	0.003130	0.00240	<0.00005	0.040	0.000007	0.0008	4.13
BR04-01	HC-30	0.00055	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.5	<0.0001	0.005030	0.00279	<0.00005	0.029	0.000005	0.0009	3.89
BR04-01	HC-30	0.00043	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.6	<0.0001	0.001740	0.00124	<0.00005	0.004	<0.000005	0.0008	3.49
BR04-01	HC-30	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	18.7	<0.0001	0.001530	0.00112	<0.00005	0.003	0.000007	0.0011	4.20
BR04-01	HC-30	0.00041	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	17.2	<0.0001	0.001200	0.00100	<0.00005	0.004	0.000010	0.0009	3.48
BR04-01	HC-30	0.00042	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	20.6	<0.0001	0.001120	0.00087	<0.00005	0.004	0.000015	0.0009	3.51
BR04-01	HC-30	0.00037	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	17.7	<0.0001	0.000999	0.00111	<0.00005	0.005	0.000009	0.0006	3.46
BR04-01	HC-30	0.00036	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	19.0	<0.0001	0.00103	0.00085	<0.00005	0.002	<0.000005	0.0008	3.26
BR04-01	HC-30	0.00072	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	19.2	<0.0001	0.000986	0.00121	<0.00005	0.003	0.000037	0.0009	3.72
BR04-01	HC-30	0.00031	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	19.4	<0.0001	0.000851	0.00092	<0.00005	0.010	0.000005	0.0009	3.48
BR04-01	HC-30	0.00032	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	19.3	<0.0001	0.000841	0.00094	<0.00005	0.001	<0.000005	0.0008	3.23
BR04-01	HC-30	0.00030	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	18.4	<0.0001	0.000826	0.00095	<0.00005	<0.001	<0.000005	0.0009	3.32
BR04-01	HC-30	0.00037	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	21.7	<0.0001	0.000797	0.00126	<0.00005	0.003	0.000035	0.0008	3.40
BR04-01	HC-30	0.00037	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	21.7	<0.0001	0.000797	0.00126	<0.00005	0.003	0.000035	0.0008	3.40
BR04-01	HC-30	0.00083	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	21.4	<0.0001	0.000946	0.00100	<0.00005	0.001	0.000005	0.0007	3.80

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR05-01	HC-33	0.00304	<0.00001	<0.000005	<0.05	0.00042	<0.000005	11.1	<0.0001	0.000035	0.00040	<0.00005	0.008	0.000099	0.0017	2.49
BR05-01	HC-33	0.00330	<0.00001	<0.000005	<0.05	0.00030	<0.000005	14.3	<0.0001	0.000036	0.00021	<0.00005	0.005	<0.000005	0.0029	4.20
BR05-01	HC-33	0.00353	<0.00001	<0.000005	<0.05	0.00031	<0.000005	16.8	<0.0001	0.000065	0.00017	<0.00005	0.004	<0.000005	0.0033	4.67
BR05-01	HC-33	0.00286	<0.00001	<0.000005	<0.05	0.00026	<0.000005	15.3	<0.0001	0.000086	0.00016	<0.00005	0.006	0.000005	0.0025	3.77
BR05-01	HC-33	0.00326	<0.00001	<0.000005	<0.05	0.00027	<0.000005	15.4	<0.0001	0.000125	0.00033	<0.00005	0.022	0.000014	0.0026	3.59
BR05-01	HC-33	0.00200	<0.00001	<0.000005	<0.05	0.00021	<0.000005	10.7	<0.0001	0.000091	0.00018	<0.00005	0.007	0.000006	0.0025	2.57
BR05-01	HC-33	0.00208	<0.00001	<0.000005	<0.05	0.00020	<0.000005	13.3	<0.0001	0.000137	0.00022	<0.00005	0.006	<0.000005	0.0024	2.64
BR05-01	HC-33	0.00180	<0.00001	<0.000005	<0.05	0.00020	<0.000005	10.7	<0.0001	0.000105	0.00021	<0.00005	0.007	0.000005	0.0023	2.17
BR05-01	HC-33	0.00167	<0.00001	<0.000005	<0.05	0.00016	<0.000005	10.1	<0.0001	0.000107	0.00027	<0.00005	0.010	0.000011	0.0022	1.88
BR05-01	HC-33	0.00205	<0.00001	<0.000005	<0.05	0.00020	<0.000005	13.1	<0.0001	0.000146	0.00019	<0.00005	0.006	0.000007	0.0028	2.24
BR05-01	HC-33	0.00185	<0.00001	<0.000005	<0.05	0.00019	<0.000005	12.5	<0.0001	0.000165	0.00022	<0.00005	0.012	0.000005	0.0026	1.97
BR05-01	HC-33	0.00178	<0.00001	<0.000005	<0.05	0.00017	<0.000005	12.9	<0.0001	0.000160	0.00034	<0.00005	0.006	0.000005	0.0027	1.79
BR05-01	HC-33	0.00174	<0.00001	<0.000005	<0.05	0.00014	<0.000005	12.0	<0.0001	0.000153	0.00031	<0.00005	0.010	0.000005	0.0027	1.59
BR05-01	HC-33	0.00154	<0.00001	<0.000005	<0.05	0.00014	<0.000005	10.8	<0.0001	0.000134	0.00027	<0.00005	0.008	0.000008	0.0022	1.43
BR05-01	HC-33	0.00124	<0.00001	<0.000005	<0.05	0.00011	<0.000005	9.42	<0.0001	0.000108	0.00031	<0.00005	0.010	0.000007	0.0017	1.06
BR05-01	HC-33	0.00112	<0.00001	<0.000005	<0.05	0.00009	<0.000005	7.89	<0.0001	0.000106	0.00021	<0.00005	0.008	0.000007	0.0014	0.84
BR05-01	HC-33	0.00134	<0.00001	<0.000005	<0.05	0.00010	<0.000005	10.1	<0.0001	0.000140	0.00034	<0.00005	0.011	0.000008	0.0017	1.11
BR05-01	HC-33	0.00144	<0.00001	<0.000005	<0.05	0.00011	<0.000005	11.0	<0.0001	0.000151	0.00044	<0.00005	0.012	0.000029	0.0014	1.04
BR05-01	HC-33	0.00122	<0.00001	<0.000005	<0.05	0.00010	<0.000005	9.90	<0.0001	0.000109	0.00027	<0.00005	0.013	0.000012	0.0015	0.85
BR05-01	HC-33	0.00457	<0.00001	<0.000005	<0.05	0.00012	<0.000005	11.9	<0.0001	0.000116	0.00031	<0.00005	0.009	0.000006	0.0017	1.06
BR05-01	HC-33	0.00158	<0.00001	<0.000005	<0.05	0.00010	<0.000005	10.3	<0.0001	0.000107	0.00026	<0.00005	0.014	0.000009	0.0017	0.80
BR05-01	HC-33	0.00175	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.22	<0.0001	0.000106	0.00029	<0.00005	0.009	0.000008	0.0013	0.68
BR05-01	HC-33	0.00136	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.62	<0.0001	0.000101	0.00022	<0.00005	0.009	0.000008	0.0012	0.66

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-01	HC-30	0.0397	0.00003	0.004	0.00038	0.00179	0.14	0.00021	0.00101	0.6	<0.000005	0.08	0.00688	11	<0.00002	0.000012
BR04-01	HC-30	0.0500	<0.00001	0.003	0.00038	0.00263	0.21	0.00031	0.00136	0.7	<0.000005	0.11	0.00768	14	<0.00002	0.000015
BR04-01	HC-30	0.0585	<0.00001	0.002	0.00024	0.00309	0.18	0.00027	0.00125	0.6	<0.000005	0.09	0.00629	13	<0.00002	0.000014
BR04-01	HC-30	0.0684	<0.00001	0.004	0.00021	0.00439	0.21	0.00029	0.00124	0.6	0.000007	0.09	0.00571	13	<0.00002	0.000016
BR04-01	HC-30	0.0961	<0.00001	0.006	0.00022	0.00769	0.27	0.00038	0.00106	0.8	<0.000005	0.09	0.00612	14	<0.00002	0.000023
BR04-01	HC-30	0.0742	<0.00001	0.004	0.00015	0.00464	0.27	0.00040	0.00121	0.6	<0.000005	0.09	0.00607	15	<0.00002	0.000019
BR04-01	HC-30	0.0968	<0.00001	0.002	0.00017	0.00698	0.18	0.00027	0.00117	0.5	<0.000005	0.08	0.00587	15	<0.00002	0.000015
BR04-01	HC-30	0.0640	<0.00001	0.002	0.00015	0.00237	0.14	0.00021	0.00100	0.5	<0.000005	0.07	0.00567	15	<0.00002	0.000012
BR04-01	HC-30	0.0663	<0.00001	0.005	0.00020	0.00232	0.15	0.00024	0.00109	0.6	<0.000005	0.08	0.00690	20	<0.00002	0.000015
BR04-01	HC-30	0.0584	<0.00001	0.004	0.00027	0.00196	0.13	0.00020	0.00085	0.6	<0.000005	0.06	0.00629	16	<0.00002	0.000011
BR04-01	HC-30	0.0594	<0.00001	0.006	0.00028	0.00164	0.15	0.00023	0.00076	0.7	<0.000005	0.07	0.00684	18	<0.00002	0.000013
BR04-01	HC-30	0.0508	<0.00001	0.005	0.00033	0.00155	0.10	0.00018	0.00074	0.5	<0.000005	0.06	0.00612	17	<0.00002	0.000010
BR04-01	HC-30	0.0539	<0.00001	0.003	0.00030	0.00155	0.11	0.00019	0.00062	0.6	<0.000005	0.06	0.00609	15	<0.00002	0.000010
BR04-01	HC-30	0.0521	<0.00001	0.006	0.00033	0.00164	0.14	0.00019	0.00060	0.7	<0.000005	0.07	0.00601	18	<0.00002	0.000009
BR04-01	HC-30	0.0476	<0.00001	0.007	0.00035	0.00142	0.12	0.00019	0.00056	0.7	<0.000005	0.06	0.00565	18	<0.00002	0.000010
BR04-01	HC-30	0.0454	<0.00001	0.006	0.00033	0.00128	0.12	0.00017	0.00063	0.7	<0.000005	0.05	0.00522	17	<0.00002	0.000014
BR04-01	HC-30	0.0460	<0.00001	0.006	0.00035	0.00127	0.13	0.00020	0.00045	0.7	<0.000005	0.06	0.00525	16	<0.00002	0.000011
BR04-01	HC-30	0.0455	<0.00001	0.008	0.00039	0.00142	0.13	0.00019	0.00041	0.8	<0.000005	0.06	0.00554	17	<0.00002	0.000013
BR04-01	HC-30	0.0455	<0.00001	0.008	0.00039	0.00142	0.13	0.00019	0.00041	0.8	<0.000005	0.06	0.00554	17	<0.00002	0.000013
BR04-01	HC-30	0.0533	<0.00001	0.007	0.00032	0.00159	0.14	0.00021	0.00037	0.7	<0.000005	0.06	0.00579	19	<0.00002	0.000016

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR05-01	HC-33	0.00255	<0.00001	0.006	0.00169	0.00067	5.71	0.00782	0.00046	0.7	<0.000005	4.66	0.0339	<10	<0.00002	0.000018
BR05-01	HC-33	0.00666	<0.00001	0.003	0.00374	0.00066	4.70	0.00525	0.00079	0.7	<0.000005	4.93	0.0459	18	<0.00002	0.000013
BR05-01	HC-33	0.00883	<0.00001	0.003	0.00376	0.00073	4.01	0.00499	0.00061	0.9	<0.000005	3.74	0.0465	19	<0.00002	0.000012
BR05-01	HC-33	0.00893	<0.00001	<0.002	0.00358	0.00067	3.18	0.00391	0.00053	0.8	<0.000005	2.42	0.0427	13	<0.00002	0.000010
BR05-01	HC-33	0.00949	<0.00001	0.007	0.00341	0.00129	3.39	0.00398	0.00040	1.0	<0.000005	1.89	0.0433	15	<0.00002	0.000011
BR05-01	HC-33	0.00749	<0.00001	0.015	0.00223	0.00081	2.30	0.00300	0.00030	0.9	<0.000005	1.19	0.0308	<10	<0.00002	0.000009
BR05-01	HC-33	0.00910	<0.00001	0.011	0.00186	0.00092	2.35	0.00301	0.00032	1.2	<0.000005	1.02	0.0301	<10	<0.00002	0.000012
BR05-01	HC-33	0.00725	<0.00001	0.011	0.00163	0.00037	1.98	0.00270	0.00025	1.0	<0.000005	0.77	0.0269	<10	<0.00002	0.000009
BR05-01	HC-33	0.00697	<0.00001	0.010	0.00144	0.00038	1.62	0.00222	0.00024	1.0	<0.000005	0.58	0.0244	<10	<0.00002	0.000009
BR05-01	HC-33	0.00859	<0.00001	0.007	0.00164	0.00043	1.76	0.00282	0.00023	1.3	<0.000005	0.64	0.0316	<10	<0.00002	0.000011
BR05-01	HC-33	0.00835	0.00001	0.015	0.00118	0.00056	1.71	0.00240	0.00028	1.3	<0.000005	0.51	0.0285	<10	<0.00002	0.000011
BR05-01	HC-33	0.00784	<0.00001	0.005	0.00128	0.00064	1.68	0.00221	0.00024	1.4	<0.000005	0.44	0.0260	<10	<0.00002	0.000011
BR05-01	HC-33	0.00731	<0.00001	0.010	0.00123	0.00069	1.47	0.00206	0.00021	1.3	<0.000005	0.38	0.0251	<10	<0.00002	0.000007
BR05-01	HC-33	0.00582	<0.00001	0.020	0.00106	0.00051	1.28	0.00187	0.00018	1.2	<0.000005	0.36	0.0238	<10	<0.00002	0.000007
BR05-01	HC-33	0.00477	<0.00001	0.005	0.00097	0.00050	1.04	0.00151	0.00016	1.0	<0.000005	0.27	0.0195	<10	<0.00002	0.000006
BR05-01	HC-33	0.00398	<0.00001	0.003	0.00086	0.00028	0.80	0.00123	0.00017	0.8	<0.000005	0.20	0.0154	<10	<0.00002	0.000005
BR05-01	HC-33	0.00465	<0.00001	0.006	0.00107	0.00032	0.98	0.00145	0.00015	1.1	<0.000005	0.27	0.0197	<10	<0.00002	0.000006
BR05-01	HC-33	0.00495	<0.00001	0.006	0.00121	0.00034	0.92	0.00149	0.00014	1.1	<0.000005	0.27	0.0211	<10	<0.00002	0.000007
BR05-01	HC-33	0.00400	<0.00001	0.006	0.00094	0.00030	0.88	0.00137	0.00015	1.1	<0.000005	0.22	0.0173	<10	<0.00002	0.000006
BR05-01	HC-33	0.00419	<0.00001	0.011	0.00132	0.00040	1.07	0.00165	0.00016	1.4	<0.000005	0.28	0.0220	<10	<0.00002	0.000006
BR05-01	HC-33	0.00448	<0.00001	0.008	0.00099	0.00024	0.93	0.00154	0.00011	1.1	<0.000005	0.21	0.0193	<10	<0.00002	0.000006
BR05-01	HC-33	0.00373	<0.00001	0.005	0.00090	0.00026	0.78	0.00129	0.00011	1.0	<0.000005	0.19	0.0160	<10	<0.00002	0.000007
BR05-01	HC-33	0.00382	<0.00001	0.004	0.00085	0.00021	0.80	0.00134	0.00015	1.1	<0.000005	0.19	0.0161	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00004	0.000047	<0.0002	0.0001	<0.0001	0.002				0.86	0.85	0.99
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00006	0.000061	<0.0002	0.0007	<0.0001	<0.002				0.98	1.07	-4.19
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000050	<0.0002	0.0002	<0.0001	<0.002				0.96	0.97	-0.83
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000056	<0.0002	0.0007	<0.0001	<0.002				0.89	0.94	-3.01
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00004	0.000047	<0.0002	0.0055	<0.0001	<0.002				1.07	1.04	1.38
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000048	<0.0002	0.0016	<0.0001	<0.002				1.03	1.08	-2.43
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000028	<0.0002	0.0003	<0.0001	<0.002				1.02	1.06	-1.88
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00001	0.000035	<0.0002	0.0002	<0.0001	<0.002				1.01	1.03	-0.74
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000057	<0.0002	0.0002	<0.0001	<0.002				1.27	1.29	-0.90
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000050	<0.0002	0.0052	<0.0001	<0.002				1.16	1.16	0.09
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000053	<0.0002	0.0002	<0.0001	<0.002				1.27	1.33	-2.15
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000042	<0.0002	0.0006	<0.0001	<0.002				1.18	1.18	0.34
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000050	<0.0002	0.0001	<0.0001	<0.002				1.26	1.23	1.41
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000056	<0.0002	0.0003	<0.0001	<0.002				1.22	1.28	-2.16
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000048	<0.0002	0.0002	<0.0001	<0.002				1.14	1.26	-5.25
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000049	<0.0002	0.0005	<0.0001	<0.002				1.27	1.24	1.27
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00022	0.000043	<0.0002	0.0003	<0.0001	<0.002				1.19	1.20	-0.420
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000052	<0.0002	0.0095	<0.0001	<0.002				1.24	1.37	-4.82
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00003	0.000052	<0.0002	0.0095	<0.0001	<0.002				1.24	1.37	-4.82
BR04-01	HC-30	<0.000005	<0.0002	<0.0005	0.00002	0.000048	<0.0002	0.0004	<0.0001	<0.002				1.31	1.39	-3.00

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00044	0.000056	<0.0002	0.0003	<0.0001	0.002				1.12	1.14	-0.58
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00019	0.000480	0.0002	<0.0001	<0.0001	<0.002				1.33	1.42	-3.09
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00018	0.00107	<0.0002	0.0002	<0.0001	<0.002				1.34	1.51	-5.98
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00020	0.00116	0.0003	0.0002	<0.0001	0.002				1.22	1.28	-2.52
BR05-01	HC-33	0.000006	<0.0002	0.0008	0.00022	0.00141	0.0005	0.0010	<0.0001	<0.002				1.29	1.26	1.37
BR05-01	HC-33	0.000006	<0.0002	<0.0005	0.00021	0.000792	0.0004	0.0002	<0.0001	<0.002				0.99	0.88	6.15
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00025	0.000909	0.0003	0.0001	<0.0001	<0.002				0.94	1.00	-3.19
BR05-01	HC-33	0.000007	<0.0002	<0.0005	0.00027	0.000679	0.0005	<0.0001	0.0001	<0.002				0.82	0.82	-0.18
BR05-01	HC-33	<0.000005	<0.0002	0.0008	0.00028	0.000716	0.0005	0.0007	<0.0001	<0.002				0.76	0.75	0.93
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00032	0.00131	0.0006	0.0001	<0.0001	<0.002				0.97	0.93	2.36
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00029	0.00110	0.0005	<0.0001	<0.0001	<0.002				0.89	0.87	1.02
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00030	0.00120	0.0006	<0.0001	<0.0001	<0.002				0.88	0.88	0.34
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00028	0.00103	0.0006	0.0001	<0.0001	<0.002				0.84	0.80	2.55
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00026	0.00103	0.0007	0.0002	<0.0001	<0.002				0.76	0.72	2.17
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00018	0.000864	0.0006	<0.0001	<0.0001	<0.002				0.56	0.61	-4.35
BR05-01	HC-33	<0.000005	<0.0002	0.0005	0.00015	0.000817	0.0006	0.0002	<0.0001	<0.002				0.52	0.51	1.27
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00017	0.00134	0.0006	0.0002	<0.0001	<0.002				0.77	0.65	8.49
BR05-01	HC-33	<0.000005	0.0008	0.0006	0.00017	0.00137	0.0007	0.0006	0.0001	<0.002				0.75	0.69	4.04
BR05-01	HC-33	<0.000005	<0.0002	0.0005	0.00017	0.00106	0.0007	0.0005	<0.0001	<0.002				0.66	0.62	3.52
BR05-01	HC-33	0.000012	<0.0002	<0.0005	0.00022	0.00147	0.0009	0.0005	<0.0001	<0.002				0.81	0.74	4.20
BR05-01	HC-33	<0.000005	<0.0002	0.0008	0.00018	0.00119	0.0007	0.0034	<0.0001	<0.002				0.65	0.63	1.72
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00015	0.00111	0.0006	0.0001	<0.0001	<0.002				0.62	0.56	4.66
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00014	0.00111	0.0005	0.0001	<0.0001	<0.002				0.60	0.58	1.95

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	23	24-Mar-14	500	450	7.93	84.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	24	31-Mar-14	500	480	7.79	74.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	25	07-Apr-14	500	465	7.67	66.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	26	14-Apr-14	500	455	7.61	59.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	27	21-Apr-14	500	485	7.53	64.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	28	28-Apr-14	500	465	7.66	69.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	29	05-May-14	500	450	7.59	78.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	30	12-May-14	500	485	7.68	71.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	31	19-May-14	500	485	7.65	77.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	32	26-May-14	500	460	7.63	66.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	33	02-Jun-14	500	475	7.53	66.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	34	09-Jun-14	500	455	7.54	68.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	35	16-Jun-14	500	465	7.58	70.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	36	23-Jun-14	500	480	7.58	68.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	37	30-Jun-14	500	450	7.50	58.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	38	07-Jul-14	500	480	7.62	76.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	39	14-Jul-14	500	460	7.63	73.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	40	21-Jul-14	500	460	7.78	86.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	41	28-Jul-14	500	480	7.61	69.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	42	04-Aug-14	500	475	7.49	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	43	11-Aug-14	500	460	7.48	69.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	44	18-Aug-14	500	470	7.60	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	45	25-Aug-14	500	470	7.46	72.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	46	01-Sep-14	500	475	7.60	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	47	08-Sep-14	500	475	7.68	64.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	48	15-Sep-14	500	485	7.60	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	49	22-Sep-14	500	480	7.60	68.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	50	29-Sep-14	500	475	7.74	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	51	06-Oct-14	500	475	7.65	60.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	52	13-Oct-14	500	460	7.62	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	53	20-Oct-14	500	470	7.63	57.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	54	27-Oct-14	500	445	7.77	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	55	03-Nov-14	500	495	7.61	61.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	56	10-Nov-14	500	465	7.60	
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	57	17-Nov-14	500	475	7.58	67.0
BR05-01	HC-33	Locale 1	Greywacke	13GRL115	21.50	23.00	1.00	0.97	0.04	12.80	2.87	58	24-Nov-14	500	475	7.66	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	0	14-Oct-13	750	610	8.32	74.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	1	21-Oct-13	500	480	7.85	206
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	2	28-Oct-13	500	480	7.66	137
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	3	04-Nov-13	500	470	7.53	120
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	4	11-Nov-13	500	475	7.55	113
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	5	18-Nov-13	500	485	7.52	91.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	6	25-Nov-13	500	450	7.56	116

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR05-01	HC-33	125	8.9	<0.5	<0.5	30.5	<0.05	<0.01	<0.5					34.2	0.197	0.00027	0.0958
BR05-01	HC-33	140	9.8	<0.5	<0.5	25.1	<0.05	<0.01	<0.5					32.9	0.164	0.00022	0.0516
BR05-01	HC-33	130	8.4	<0.5	<0.5	20.8	<0.05	<0.01	<0.5					26.8	0.165	0.00020	0.0429
BR05-01	HC-33	140	8.8	<0.5	<0.5	17.1	<0.05	<0.01	<0.5					25.7	0.114	0.00015	0.0321
BR05-01	HC-33	130	10.0	<0.5	<0.5	20.8	<0.05	<0.01	<0.5					26.5	0.108	0.00016	0.0308
BR05-01	HC-33	140	11.7	<0.5	<0.5	17.4	<0.05	<0.01	<0.5					28.6	0.111	0.00017	0.0337
BR05-01	HC-33	140	12.2	<0.5	<0.5	24.2	<0.05	0.01	<0.5					33.8	0.129	0.00020	0.0447
BR05-01	HC-33	130	10.5	<0.5	<0.5	20.3	<0.05	<0.01	<0.5					30.6	0.124	0.00018	0.0365
BR05-01	HC-33	130	13.5	<0.5	0.5	20.8	<0.05	<0.01	<0.5					33.1	0.106	0.00017	0.0387
BR05-01	HC-33	140	10.0	<0.5	<0.5	20.2	<0.05	<0.01	<0.5					27.6	0.116	0.00013	0.0380
BR05-01	HC-33	130	12.1	<0.5	<0.5	16.0	<0.05	<0.01	<0.5					28.8	0.102	0.00015	0.0322
BR05-01	HC-33	140	11.9	<0.5	<0.5	17.1	<0.05	<0.01	<0.5					27.6	0.102	0.00013	0.0335
BR05-01	HC-33	130	13.0	<0.5	<0.5	17.0	<0.05	<0.01	<0.5					31.1	0.104	0.00014	0.0325
BR05-01	HC-33	135	12.6	<0.5	<0.5	17.0	<0.05	<0.01	<0.5					28.9	0.101	0.00013	0.0328
BR05-01	HC-33	140	11.4	<0.5	<0.5	11.1	<0.05	<0.01	<0.5					27.1	0.102	0.00011	0.0282
BR05-01	HC-33	140	16.2	<0.5	<0.5	21.2	<0.05	0.010	<0.5					32.4	0.101	0.00013	0.0365
BR05-01	HC-33	120	14.1	<0.5	<0.5	16.8	<0.05	<0.01	<0.5					32.5	0.123	0.00012	0.0377
BR05-01	HC-33	135	14.6	<0.5	<0.5	25.9	<0.05	<0.01	<0.5					39.8	0.143	0.00014	0.0486
BR05-01	HC-33	130	12.2	<0.5	<0.5	17.2	<0.05	<0.01	<0.5					28.9	0.0988	0.00012	0.0316
BR05-01	HC-33																
BR05-01	HC-33	140	12.2	<0.5	<0.5	16.1			<0.5					30.8	0.115	0.00010	0.0318
BR05-01	HC-33																
BR05-01	HC-33	120	11.9	<0.5	0.6	14.9			<0.5					29.2	0.0966	0.00011	0.0303
BR05-01	HC-33																
BR05-01	HC-33	150	10.7	<0.5	<0.5	15.7			0.5					28.8	0.119	0.00010	0.0351
BR05-01	HC-33																
BR05-01	HC-33	150	11.9	<0.5	<0.5	17.1			0.5					30.0	0.108	0.00011	0.0329
BR05-01	HC-33																
BR05-01	HC-33	140	9.2	<0.5	<0.5	16.7			0.6					27.8	0.110	0.00009	0.0346
BR05-01	HC-33																
BR05-01	HC-33	130	8.0	<0.5	<0.5	16.6			<0.5					24.0	0.114	0.00009	0.0339
BR05-01	HC-33																
BR05-01	HC-33	145	9.4	<0.5	0.5	17.2			<0.5					26.2	0.0947	0.00008	0.0352
BR05-01	HC-33																
BR05-01	HC-33	145	11.2	<0.5	<0.5	17.3			<0.5					28.0	0.111	0.00009	0.0346
BR05-01	HC-33																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-01	HC-35	130	2.2	<0.5	<0.5	11.7	0.10	0.126	12.8	0.03	0.007	0.010	0.001	16.4	0.1530	0.00023	0.0287
BR06-01	HC-35	140	28.9	<0.5	0.7	37.0	0.32	0.170	17.6	<0.02	0.005	0.380	0.303	65.7	0.0573	0.00177	1.82
BR06-01	HC-35	120	29.1	<0.5	<0.5	25.4	0.18	<0.01	0.9	<0.02	<0.005	1.42	0.848	51.6	0.0470	0.00260	3.99
BR06-01	HC-35	120	29.4	<0.5	1.0	23.5	0.11	<0.01	<0.5	<0.02	<0.005	2.50	2.03	52.3	0.0620	0.00340	6.77
BR06-01	HC-35	120	23.7	<0.5	1.8	25.4	0.08	<0.01	<0.5	<0.02	<0.005	0.243	3.17	51.8	0.0990	0.00370	8.65
BR06-01	HC-35	125	15.8	<0.5	1.0	22.2	0.07	<0.01	<0.5					37.7	0.1830	0.00300	7.21
BR06-01	HC-35	130	23.3	<0.5	3.8	23.8	<0.05	<0.01	<0.5					52.4	0.0400	0.00480	12.2

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR05-01	HC-33	0.00149	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.3	<0.0001	0.000075	0.00032	<0.00005	0.008	0.000007	0.0018	0.85
BR05-01	HC-33	0.00139	<0.00001	<0.000005	<0.05	0.00010	<0.000005	11.9	<0.0001	0.000084	0.00027	<0.00005	0.005	0.000009	0.0017	0.80
BR05-01	HC-33	0.00115	<0.00001	<0.000005	<0.05	0.00010	<0.000005	9.66	<0.0001	0.000090	0.00023	<0.00005	0.004	0.000006	0.0014	0.64
BR05-01	HC-33	0.00110	<0.00001	<0.000005	<0.05	0.00008	<0.000005	9.33	<0.0001	0.000095	0.00023	<0.00005	0.005	<0.000005	0.0013	0.59
BR05-01	HC-33	0.00117	<0.00001	<0.000005	<0.05	0.00010	<0.000005	9.58	<0.0001	0.000125	0.00022	<0.00005	0.005	0.000007	0.0014	0.62
BR05-01	HC-33	0.00123	<0.00001	<0.000005	<0.05	0.00011	<0.000005	10.4	<0.0001	0.000117	0.00029	<0.00005	0.006	0.000013	0.0014	0.62
BR05-01	HC-33	0.00218	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.3	<0.0001	0.000091	0.00025	<0.00005	0.004	0.000014	0.0016	0.74
BR05-01	HC-33	0.00136	<0.00001	<0.000005	<0.05	0.00011	<0.000005	11.2	<0.0001	0.000120	0.00030	<0.00005	0.005	0.000012	0.0016	0.62
BR05-01	HC-33	0.00129	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.1	<0.0001	0.000115	0.00030	<0.00005	0.005	0.000005	0.0019	0.69
BR05-01	HC-33	0.00120	<0.00001	<0.000005	<0.05	0.00009	0.000005	10.2	<0.0001	0.000087	0.00043	<0.00005	0.006	0.000018	0.0015	0.52
BR05-01	HC-33	0.00135	<0.00001	<0.000005	<0.05	0.00010	<0.000005	10.7	<0.0001	0.000101	0.00019	<0.00005	0.006	0.000008	0.0014	0.51
BR05-01	HC-33	0.00127	<0.00001	<0.000005	<0.05	0.00010	<0.000005	10.2	<0.0001	0.000096	0.00052	<0.00005	0.007	0.000007	0.0014	0.52
BR05-01	HC-33	0.00124	<0.00001	<0.000005	<0.05	0.00010	<0.000005	11.5	<0.0001	0.000099	0.00030	<0.00005	0.014	0.000006	0.0013	0.54
BR05-01	HC-33	0.00123	<0.00001	<0.000005	<0.05	0.00010	<0.000005	10.7	<0.0001	0.000094	0.00033	<0.00005	0.005	0.000010	0.0014	0.54
BR05-01	HC-33	0.00106	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.1	<0.0001	0.000101	0.00053	<0.00005	0.009	0.000007	0.0012	0.43
BR05-01	HC-33	0.00134	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.1	<0.0001	0.000087	0.00036	<0.00005	0.004	0.000006	0.0013	0.55
BR05-01	HC-33	0.00129	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.1	<0.0001	0.000096	0.00029	<0.00005	0.003	<0.000005	0.0014	0.53
BR05-01	HC-33	0.00194	<0.00001	<0.000005	<0.05	0.00011	<0.000005	15.0	<0.0001	0.000087	0.00029	<0.00005	0.006	0.000015	0.0014	0.58
BR05-01	HC-33	0.00125	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.9	<0.0001	0.000096	0.00029	<0.00005	0.004	<0.000005	0.0014	0.43
BR05-01	HC-33															
BR05-01	HC-33	0.00126	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.6	<0.0001	0.000079	0.00031	<0.00005	0.009	0.000021	0.0015	0.45
BR05-01	HC-33															
BR05-01	HC-33	0.00128	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.0	<0.0001	0.000096	0.00025	<0.00005	0.011	0.000008	0.0012	0.41
BR05-01	HC-33															
BR05-01	HC-33	0.00110	<0.00001	0.000005	<0.05	0.00008	<0.000005	10.9	<0.0001	0.000072	0.00019	<0.00005	0.031	0.000007	0.0012	0.38
BR05-01	HC-33															
BR05-01	HC-33	0.00133	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.4	<0.0001	0.000082	0.00017	<0.00005	0.007	0.000005	0.0012	0.39
BR05-01	HC-33															
BR05-01	HC-33	0.00120	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.5	<0.0001	0.000064	0.00017	<0.00005	0.006	<0.000005	0.0012	0.37
BR05-01	HC-33															
BR05-01	HC-33	0.00103	<0.00001	<0.000005	<0.05	0.00008	<0.000005	9.10	<0.0001	0.000055	0.00015	<0.00005	0.004	<0.000005	0.0011	0.31
BR05-01	HC-33															
BR05-01	HC-33	0.00099	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.0	<0.0001	0.000055	0.00014	<0.00005	0.002	<0.000005	0.0024	0.29
BR05-01	HC-33															
BR05-01	HC-33	0.00122	<0.00001	<0.000005	<0.05	0.00007	<0.000005	10.7	<0.0001	0.000068	0.00014	<0.00005	0.004	0.000008	0.0012	0.33
BR05-01	HC-33															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-01	HC-35	0.00087	<0.00001	<0.000005	<0.05	0.00077	0.000011	3.39	0.0002	0.000080	0.00021	<0.00005	0.002	0.000009	0.0011	1.92
BR06-01	HC-35	0.00336	<0.00001	<0.000005	<0.05	0.00099	0.000024	13.1	<0.0001	0.00177	0.00008	<0.00005	0.001	<0.000005	0.0036	8.00
BR06-01	HC-35	0.00240	<0.00005	<0.00003	<0.3	0.00060	0.000070	9.80	<0.0005	0.00235	<0.0003	<0.0003	<0.005	0.000060	0.0060	6.60
BR06-01	HC-35	0.00210	<0.00005	<0.00003	<0.3	0.00050	<0.00003	10.2	<0.0005	0.00398	<0.0003	<0.0003	0.010	0.000040	0.0030	6.50
BR06-01	HC-35	0.00320	<0.0001	<0.00005	<0.5	0.00050	<0.00005	10.2	<0.001	0.00474	<0.0005	<0.0005	0.010	<0.00005	0.0080	6.40
BR06-01	HC-35	0.00230	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	7.50	<0.001	0.00370	<0.0005	<0.0005	0.030	<0.00005	0.0070	4.60
BR06-01	HC-35	0.00210	<0.0002	<0.0001	<1	<0.001	<0.0001	10.0	<0.002	0.00540	<0.001	<0.001	<0.02	<0.0001	<0.01	7.00

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR05-01	HC-33	0.00360	<0.00001	0.002	0.00102	0.00020	1.02	0.00166	0.00024	1.7	<0.000005	0.24	0.0217	<10	<0.00002	0.000007
BR05-01	HC-33	0.00385	<0.00001	<0.002	0.00117	0.00023	0.92	0.00163	0.00016	1.4	<0.000005	0.22	0.0199	<10	<0.00002	0.000007
BR05-01	HC-33	0.00320	<0.00001	<0.002	0.00092	0.00021	0.81	0.00140	0.00016	1.1	<0.000005	0.19	0.0163	<10	<0.00002	0.000005
BR05-01	HC-33	0.00309	<0.00001	<0.002	0.00090	0.00019	0.72	0.00122	0.00009	1.0	<0.000005	0.17	0.0153	<10	<0.00002	0.000006
BR05-01	HC-33	0.00405	<0.00001	0.005	0.00102	0.00032	0.75	0.00138	0.00011	1.0	<0.000005	0.17	0.0169	<10	<0.00002	0.000006
BR05-01	HC-33	0.00372	<0.00001	0.002	0.00112	0.00029	0.75	0.00145	0.00008	1.1	<0.000005	0.18	0.0182	<10	<0.00002	0.000005
BR05-01	HC-33	0.00460	<0.00001	<0.002	0.00125	0.00028	0.85	0.00155	0.00011	1.3	<0.000005	0.20	0.0221	<10	<0.00002	0.000008
BR05-01	HC-33	0.00355	<0.00001	0.002	0.00113	0.00031	0.73	0.00148	0.00008	1.1	<0.000005	0.17	0.0198	<10	<0.00002	0.000006
BR05-01	HC-33	0.00375	<0.00001	0.004	0.00128	0.00033	0.79	0.00156	0.00011	1.2	<0.000005	0.20	0.0208	<10	<0.00002	0.000007
BR05-01	HC-33	0.00292	<0.00001	0.002	0.00106	0.00037	0.63	0.00133	0.00008	1.0	<0.000005	0.16	0.0170	<10	<0.00002	0.000005
BR05-01	HC-33	0.00310	<0.00001	0.003	0.00106	0.00028	0.68	0.00136	0.00007	1.1	<0.000005	0.16	0.0179	<10	<0.00002	0.000007
BR05-01	HC-33	0.00275	<0.00001	0.004	0.00125	0.00025	0.60	0.00140	0.00008	1.0	0.000005	0.16	0.0188	<10	<0.00002	0.000005
BR05-01	HC-33	0.00284	<0.00001	<0.002	0.00123	0.00028	0.69	0.00140	0.00009	1.0	<0.000005	0.17	0.0197	<10	<0.00002	0.000005
BR05-01	HC-33	0.00274	<0.00001	0.005	0.00128	0.00068	0.70	0.00138	0.00007	1.0	<0.000005	0.16	0.0183	<10	<0.00002	0.000005
BR05-01	HC-33	0.00237	<0.00001	0.004	0.00113	0.00032	0.61	0.00120	0.00008	0.8	<0.000005	0.14	0.0157	<10	<0.00002	0.000006
BR05-01	HC-33	0.00271	<0.00001	0.003	0.00128	0.00021	0.71	0.00147	0.00009	1.1	<0.000005	0.16	0.0198	<10	<0.00002	0.000008
BR05-01	HC-33	0.00269	<0.00001	0.003	0.00123	0.00023	0.72	0.00146	0.00009	1.2	<0.000005	0.17	0.0191	<10	<0.00002	0.000007
BR05-01	HC-33	0.00281	<0.00001	0.003	0.00133	0.00030	0.77	0.00152	0.00008	1.4	<0.000005	0.18	0.0233	<10	<0.00002	0.000007
BR05-01	HC-33	0.00253	<0.00001	0.004	0.00111	0.00026	0.65	0.00128	0.00006	1.1	<0.000005	0.13	0.0183	<10	<0.00002	0.000006
BR05-01	HC-33															
BR05-01	HC-33	0.00215	<0.00001	0.003	0.00114	0.00017	0.69	0.00138	0.00008	1.1	<0.000005	0.14	0.0180	<10	<0.00002	0.000007
BR05-01	HC-33															
BR05-01	HC-33	0.00240	<0.00001	<0.002	0.00133	0.00034	0.62	0.00128	0.00006	1.0	<0.000005	0.14	0.0178	<10	<0.00002	0.000007
BR05-01	HC-33															
BR05-01	HC-33	0.00198	<0.00001	0.003	0.00114	0.00020	0.62	0.00123	0.00006	1.1	<0.000005	0.12	0.0158	<10	<0.00002	0.000006
BR05-01	HC-33															
BR05-01	HC-33	0.00231	<0.00001	0.003	0.00121	0.00014	0.67	0.00127	0.00007	1.1	<0.000005	0.13	0.0172	<10	<0.00002	0.000007
BR05-01	HC-33															
BR05-01	HC-33	0.00199	<0.00001	<0.002	0.00115	0.00050	0.66	0.00131	0.00005	1.0	<0.000005	0.13	0.0163	<10	<0.00002	0.000006
BR05-01	HC-33															
BR05-01	HC-33	0.00168	<0.00001	0.002	0.00092	0.00023	0.61	0.00127	0.00007	0.9	0.000011	0.12	0.0146	<10	<0.00002	0.000007
BR05-01	HC-33															
BR05-01	HC-33	0.00171	0.00001	0.002	0.00097	0.00015	0.52	0.00136	0.00006	1.0	<0.000005	0.10	0.0161	<10	<0.00002	0.000007
BR05-01	HC-33															
BR05-01	HC-33	0.00198	<0.00001	<0.002	0.00103	0.00018	0.64	0.00142	0.00006	0.9	<0.000005	0.11	0.0165	<10	<0.00002	0.000009
BR05-01	HC-33															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-01	HC-35	0.00104	<0.00001	0.004	0.00037	0.00129	4.38	0.00530	0.00006	0.5	<0.000005	4.34	0.0152	<10	<0.00002	0.000045
BR06-01	HC-35	0.00424	0.00004	0.006	0.00388	0.0280	7.70	0.00770	0.00064	3.0	<0.000005	8.78	0.0545	12	<0.00002	0.000088
BR06-01	HC-35	0.00490	<0.00005	<0.01	0.00130	0.0447	5.90	0.00500	0.00020	3.4	<0.00003	3.10	0.0364	<50	<0.0001	0.000080
BR06-01	HC-35	0.00720	<0.00005	<0.01	0.00060	0.0839	4.50	0.00450	0.00020	3.6	<0.00003	1.60	0.0371	<50	<0.0001	0.000070
BR06-01	HC-35	0.00740	<0.0001	<0.02	0.00060	0.0984	3.50	0.00390	<0.0004	4.0	<0.00005	1.00	0.0375	<100	<0.0002	0.000020
BR06-01	HC-35	0.00630	<0.0001	<0.02	<0.0005	0.0694	2.90	0.00280	<0.0004	4.0	<0.00005	0.70	0.0232	<100	<0.0002	0.000040
BR06-01	HC-35	0.00800	<0.0002	<0.04	<0.001	0.1160	3.00	0.00300	<0.0008	4.0	<0.0001	<1	0.0320	<200	<0.0004	<0.00004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00017	0.00109	0.0012	0.0001	<0.0001	<0.002				0.80	0.74	3.58
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00019	0.00180	0.0008	0.0003	<0.0001	<0.002				0.71	0.71	-0.14
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00014	0.00154	0.0007	0.0002	<0.0001	<0.002				0.59	0.58	0.77
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00012	0.00153	0.0005	0.0002	<0.0001	<0.002				0.53	0.55	-2.50
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00013	0.00190	0.0005	0.0002	<0.0001	<0.002				0.62	0.57	4.53
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00013	0.00216	0.0005	0.0003	<0.0001	<0.002				0.59	0.61	-1.50
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00015	0.00236	0.0007	0.0006	<0.0001	<0.002				0.74	0.72	1.23
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00013	0.00225	0.0007	0.0005	<0.0001	<0.002				0.63	0.65	-2.04
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00012	0.00267	0.0006	0.0002	<0.0001	<0.002				0.70	0.70	-0.21
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00011	0.00172	0.0006	0.0070	<0.0001	<0.002				0.61	0.59	2.08
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00010	0.00217	0.0005	0.0003	<0.0001	<0.002				0.57	0.61	-3.13
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00010	0.00214	0.0005	0.0002	<0.0001	<0.002				0.59	0.59	0.42
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00010	0.00240	0.0006	0.0001	<0.0001	<0.002				0.611	0.658	-3.70
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00009	0.00210	0.0006	0.0002	<0.0001	<0.002				0.603	0.614	-0.900
BR05-01	HC-33	<0.000005	<0.0002	0.0006	0.00007	0.00188	0.0002	0.0002	<0.0001	<0.002				0.458	0.574	-11.2
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00010	0.00252	0.0005	0.0004	<0.0001	<0.002				0.762	0.684	5.39
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00016	0.00243	0.0007	0.0002	<0.0001	<0.002				0.629	0.688	-4.48
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00009	0.00241	0.0006	0.0010	<0.0001	<0.002				0.821	0.839	-1.08
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00007	0.00201	0.0005	0.0001	<0.0001	<0.002				0.600	0.612	-0.990
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00008	0.00193	0.0004	0.0002	<0.0001	<0.002				0.575	0.652	-6.28
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00008	0.00182	0.0005	<0.0001	<0.0001	0.005				0.545	0.615	-6.03
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00010	0.00156	0.0006	<0.0001	<0.0001	<0.002				0.553	0.611	-4.98
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00008	0.00166	0.0006	<0.0001	<0.0001	<0.002				0.605	0.634	-2.34
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00007	0.00133	0.0007	<0.0001	<0.0001	<0.002				0.542	0.591	-4.32
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00007	0.00121	0.0007	<0.0001	<0.0001	<0.002				0.497	0.513	-1.58
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00007	0.00144	0.0004	<0.0001	<0.0001	<0.002				0.541	0.553	-1.10
BR05-01	HC-33															
BR05-01	HC-33	<0.000005	<0.0002	<0.0005	0.00006	0.00158	0.0005	<0.0001	<0.0001	<0.002				0.580	0.594	-1.19
BR05-01	HC-33															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00057	<0.000002	<0.0002	0.0005	<0.0001	<0.002				0.64	0.65	-0.08
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00245	0.000109	0.0019	<0.0001	<0.0001	<0.002				1.86	1.90	-1.15
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00210	0.000120	0.0030	<0.0005	<0.0005	<0.002				1.15	1.32	-6.93
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00173	0.000090	0.0050	0.0008	<0.0005	<0.002				1.09	1.24	-6.33
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00160	0.000100	0.0050	0.0020	<0.001	<0.002				1.01	1.18	-7.92
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00090	0.000040	0.0050	<0.001	<0.001	<0.002				0.78	0.88	-6.23
BR06-01	HC-35	<0.0001	<0.004	<0.01	0.00070	<0.00004	0.0040	<0.002	<0.002	<0.002				0.96	1.13	-8.04

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	7	02-Dec-13	500	465	7.59	102
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	8	09-Dec-13	500	480	7.56	85.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	9	16-Dec-13	500	475	7.55	76.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	10	23-Dec-13	500	455	7.60	76.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	11	30-Dec-13	500	485	7.56	65.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	12	06-Jan-14	500	465	7.55	64.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	13	13-Jan-14	500	495	7.56	56.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	14	20-Jan-14	500	475	7.49	60.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	15	27-Jan-14	500	470	7.50	59.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	16	03-Feb-14	500	490	7.55	50.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	17	10-Feb-14	500	460	7.50	55.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	18	17-Feb-14	500	495	7.55	54.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	19	24-Feb-14	500	485	7.52	51.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	20	03-Mar-14	500	485	7.54	47.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	21	10-Mar-14	500	485	7.48	49.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	22	17-Mar-14	500	475	7.50	44.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	23	24-Mar-14	500	475	7.53	43.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	24	31-Mar-14	500	490	7.46	41.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	25	07-Apr-14	500	475	7.50	46.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	26	14-Apr-14	500	470	7.48	44.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	27	21-Apr-14	500	490	7.48	42.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	28	28-Apr-14	500	465	7.52	44.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	29	05-May-14	500	485	7.49	43.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	30	12-May-14	500	450	7.51	45.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	31	19-May-14	500	485	7.50	41.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	32	26-May-14	500	470	7.54	39.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	33	02-Jun-14	500	470	7.55	39.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	34	09-Jun-14	500	495	7.48	36.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	35	16-Jun-14	500	475	7.52	36.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	36	23-Jun-14	500	460	7.48	37.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	37	30-Jun-14	500	470	7.49	33.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	38	07-Jul-14	500	450	7.54	36.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	39	14-Jul-14	500	495	7.57	32.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	40	21-Jul-14	500	480	7.63	34.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	41	28-Jul-14	500	475	7.52	34.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	42	04-Aug-14	500	490	7.65	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	43	11-Aug-14	500	485	7.53	31.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	44	18-Aug-14	500	450	7.63	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	45	25-Aug-14	500	485	7.40	32.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	46	01-Sep-14	500	485	7.67	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	47	08-Sep-14	500	475	7.63	33.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	48	15-Sep-14	500	485	7.59	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	49	22-Sep-14	500	475	7.60	33.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	50	29-Sep-14	500	495	7.65	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	51	06-Oct-14	500	480	7.66	32.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	52	13-Oct-14	500	485	7.65	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	53	20-Oct-14	500	445	7.60	34.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	54	27-Oct-14	500	495	7.63	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	55	03-Nov-14	500	480	7.65	32.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	56	10-Nov-14	500	470	7.41	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	57	17-Nov-14	500	460	7.53	35.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-01	HC-35	135	18.1	<0.5	2.0	17.9	<0.05	<0.01	<0.5					43.4	0.0800	0.00410	11.2
BR06-01	HC-35	130	14.0	<0.5	2.3	17.5	<0.05	<0.01	<0.5					37.7	0.0520	0.00370	9.55
BR06-01	HC-35	125	13.4	<0.5	1.2	20.2	<0.05	<0.01	<0.5					36.4	0.0810	0.00350	9.18
BR06-01	HC-35	135	12.2	<0.5	4.0	15.5	<0.05	<0.1	0.9					33.2	0.0410	0.00340	8.19
BR06-01	HC-35	125	10.5	<0.5	0.6	16.0	<0.05	<0.01	0.5					31.6	0.0480	0.00300	7.18
BR06-01	HC-35	140	10.6	<0.5	0.8	16.3	<0.05	<0.01	<0.5					28.2	0.0490	0.00280	6.40
BR06-01	HC-35	125	8.8	<0.5	2.9	14.0	<0.05	<0.01	<0.5					25.3	0.0490	0.00240	5.55
BR06-01	HC-35	125	9.7	<0.5	1.3	12.9	<0.05	<0.01	<0.5					26.7	0.0660	0.00240	5.93
BR06-01	HC-35	120	7.8	<0.5	0.8	15.6	<0.05	<0.01	<0.5					26.1	0.0360	0.00230	5.52
BR06-01	HC-35	135	7.1	<0.5	1.4	15.6	<0.05	<0.01	<0.5					22.8	0.0540	0.00200	4.44
BR06-01	HC-35	115	9.8	<0.5	1.3	16.0	<0.05	<0.01	<0.5					25.8	0.0360	0.00220	5.43
BR06-01	HC-35	140	7.2	<0.5	1.3	13.4	<0.05	<0.01	<0.5					20.6	0.0440	0.00190	4.36
BR06-01	HC-35	130	7.3	<0.5	1.0	13.8	<0.05	<0.01	<0.5					22.5	0.0670	0.00200	4.84
BR06-01	HC-35	140	5.4	<0.5	<0.5	13.4	<0.05	<0.01	<0.5					20.9	0.0360	0.00170	4.14
BR06-01	HC-35	150	6.7	<0.5	0.6	15.8	<0.05	<0.01	1.4					22.8	0.0720	0.00170	4.22
BR06-01	HC-35	130	5.4	<0.5	<0.5	13.7	<0.05	<0.01	<0.5					20.2	0.0530	0.00160	3.69
BR06-01	HC-35	140	4.7	<0.5	2.0	13.9	<0.05	<0.01	<0.5					19.4	0.0550	0.00160	3.66
BR06-01	HC-35	140	4.1	<0.5	<0.5	12.6	<0.05	<0.01	<0.5					19.4	0.0400	0.00130	3.17
BR06-01	HC-35	135	4.5	<0.5	0.9	13.2	<0.05	<0.01	<0.5					20.0	0.0370	0.00150	3.34
BR06-01	HC-35	140	4.3	<0.5	0.7	13.7	<0.05	<0.01	<0.5					20.2	0.0360	0.00130	3.11
BR06-01	HC-35	130	3.9	<0.5	<0.5	14.7	<0.05	<0.01	0.6					19.4	0.0450	0.00130	2.94
BR06-01	HC-35	150	4.6	<0.5	<0.5	14.1	<0.05	<0.01	<0.5					20.2	0.0410	0.00130	3.08
BR06-01	HC-35	135	3.3	<0.5	0.5	13.9	<0.05	<0.01	<0.5					19.5	0.0310	0.00130	2.90
BR06-01	HC-35	130	4.6	<0.5	1.1	14.7	<0.05	<0.01	<0.5					20.9	0.0330	0.00130	2.83
BR06-01	HC-35	130	3.8	<0.5	0.7	14.9	<0.05	<0.01	<0.5					19.5	0.0400	0.00120	2.50
BR06-01	HC-35	130	2.5	<0.5	<0.5	13.0	<0.05	<0.01	<0.5					17.4	0.0410	0.00100	2.44
BR06-01	HC-35	125	2.8	<0.5	0.9	13.7	<0.05	<0.01	<0.5					19.2	0.0450	0.00100	2.36
BR06-01	HC-35	130	2.0	<0.5	<0.5	13.0	<0.05	<0.01	<0.5					17.3	0.0400	0.00100	2.22
BR06-01	HC-35	140	2.3	<0.5	<0.5	12.5	<0.05	<0.01	<0.5					17.4	0.0450	0.00090	2.08
BR06-01	HC-35	135	2.6	<0.5	<0.5	12.9	<0.05	<0.01	<0.5					18.4	0.0470	0.00100	2.25
BR06-01	HC-35	130	0.9	<0.5	<0.5	12.2	<0.05	<0.01	0.6					17.0	0.0510	0.00090	1.94
BR06-01	HC-35	135	2.5	<0.5	<0.5	14.3	<0.05	<0.01	<0.5					18.2	0.0610	0.00080	2.07
BR06-01	HC-35	125	2.0	<0.5	<0.5	11.7	<0.05	<0.01	1.4					16.2	0.0550	0.00090	1.88
BR06-01	HC-35	130	2.2	<0.5	<0.5	13.6	<0.05	<0.01	<0.5					16.9	0.0526	0.00071	1.73
BR06-01	HC-35	130	2.7	<0.5	<0.5	12.7	<0.05	<0.01	0.6					17.0	0.050	0.0008	1.79
BR06-01	HC-35																
BR06-01	HC-35	135	1.2	<0.5	<0.5	11.6			<0.5					16.5	0.061	0.0006	1.51
BR06-01	HC-35																
BR06-01	HC-35	115	2.8	<0.5	<0.5	12.8			0.7					14.3	0.0674	0.00060	1.37
BR06-01	HC-35																
BR06-01	HC-35	140	1.5	<0.5	<0.5	13.1			<0.5					17.0	0.083	0.0006	1.33
BR06-01	HC-35																
BR06-01	HC-35	145	1.3	<0.5	<0.5	13.9			<0.5					17.3	0.082	0.0005	1.28
BR06-01	HC-35																
BR06-01	HC-35	140	1.1	<0.5	<0.5	14.5			<0.5					16.9	0.065	0.0005	1.03
BR06-01	HC-35																
BR06-01	HC-35	135	0.8	<0.5	0.7	14.2			<0.5					16.2	0.064	0.0005	1.04
BR06-01	HC-35																
BR06-01	HC-35	150	0.8	<0.5	<0.5	12.6			<0.5					14.3	0.0790	0.00041	0.957
BR06-01	HC-35																
BR06-01	HC-35	140	3.0	<0.5	<0.5	14.6			<0.5					16.4	0.0767	0.00041	0.995

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-01	HC-35	0.00200	<0.0002	<0.0001	<1	<0.001	<0.0001	8.00	<0.002	0.00590	<0.001	<0.001	0.050	<0.0001	<0.01	6.00
BR06-01	HC-35	0.00140	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	7.00	<0.001	0.00461	<0.0005	<0.0005	<0.01	<0.00005	0.0070	4.90
BR06-01	HC-35	0.00150	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	7.00	<0.001	0.00483	<0.0005	<0.0005	<0.01	0.000150	<0.005	4.60
BR06-01	HC-35	0.00120	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	6.20	<0.001	0.00424	<0.0005	<0.0005	<0.01	<0.00005	0.0050	4.30
BR06-01	HC-35	0.00140	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	6.20	<0.001	0.00338	0.00110	<0.0005	0.020	0.000070	0.0060	3.90
BR06-01	HC-35	0.00110	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	5.50	<0.001	0.00287	<0.0005	<0.0005	0.030	0.000280	<0.005	3.50
BR06-01	HC-35	0.00080	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	4.90	<0.001	0.00335	0.00070	<0.0005	0.010	<0.00005	<0.005	3.10
BR06-01	HC-35	0.00090	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	5.30	<0.001	0.00309	0.00110	<0.0005	<0.01	<0.00005	0.0060	3.30
BR06-01	HC-35	0.00400	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	5.00	<0.001	0.00274	<0.0005	<0.0005	0.010	<0.00005	0.0060	3.30
BR06-01	HC-35	0.00090	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	4.20	<0.001	0.00214	<0.0005	<0.0005	<0.01	0.000810	0.0050	2.90
BR06-01	HC-35	0.00130	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	4.90	<0.001	0.00263	<0.0005	<0.0005	0.010	0.000060	<0.005	3.30
BR06-01	HC-35	0.00060	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	4.00	<0.001	0.00264	0.00210	<0.0005	<0.01	<0.00005	<0.005	2.60
BR06-01	HC-35	0.00100	<0.0001	<0.00005	<0.5	<0.0005	<0.00005	4.30	<0.001	0.00180	<0.0005	<0.0005	0.020	<0.00005	<0.005	2.80
BR06-01	HC-35	0.00060	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	4.00	<0.0005	0.00151	0.00210	<0.0003	<0.005	<0.00003	0.0030	2.60
BR06-01	HC-35	0.00120	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	4.30	0.0016	0.00190	<0.0003	<0.0003	0.055	<0.00003	0.0040	2.90
BR06-01	HC-35	0.00080	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.90	<0.0005	0.00126	0.00050	<0.0003	0.012	<0.00003	0.0040	2.50
BR06-01	HC-35	0.00070	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.60	<0.0005	0.00143	<0.0003	<0.0003	0.017	<0.00003	<0.003	2.50
BR06-01	HC-35	0.00060	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.70	<0.0005	0.00132	<0.0003	<0.0003	<0.005	0.000050	<0.003	2.50
BR06-01	HC-35	0.00050	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.90	<0.0005	0.00115	0.00450	<0.0003	<0.005	<0.00003	0.0030	2.50
BR06-01	HC-35	0.00060	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.90	<0.0005	0.00120	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.50
BR06-01	HC-35	0.00050	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.70	<0.0005	0.00100	<0.0003	<0.0003	0.017	<0.00003	<0.003	2.40
BR06-01	HC-35	0.00050	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	4.00	<0.0005	0.00097	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.50
BR06-01	HC-35	0.00060	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.60	<0.0005	0.00099	0.00030	<0.0003	0.005	0.000050	<0.003	2.60
BR06-01	HC-35	0.00050	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	4.00	<0.0005	0.00094	<0.0003	<0.0003	<0.005	0.000030	<0.003	2.70
BR06-01	HC-35	0.00040	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.70	<0.0005	0.00087	0.00030	<0.0003	<0.005	<0.00003	<0.003	2.50
BR06-01	HC-35	0.00040	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.30	<0.0005	0.00084	0.00040	<0.0003	<0.005	<0.00003	<0.003	2.20
BR06-01	HC-35	0.00060	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.90	<0.0005	0.00078	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.30
BR06-01	HC-35	0.00040	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.30	<0.0005	0.00071	0.00070	<0.0003	0.045	0.000280	<0.003	2.20
BR06-01	HC-35	0.00030	<0.00005	<0.00003	<0.3	<0.0003	0.00037	3.30	<0.0005	0.00064	0.0005	<0.0003	0.019	0.00018	<0.003	2.20
BR06-01	HC-35	0.00050	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.60	<0.0005	0.00062	<0.0003	<0.0003	0.014	0.00170	<0.003	2.30
BR06-01	HC-35	0.00040	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.30	<0.0005	0.00063	<0.0003	<0.0003	0.021	<0.00003	<0.003	2.10
BR06-01	HC-35	0.00040	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.50	<0.0005	0.00064	<0.0003	<0.0003	<0.005	0.00509	<0.003	2.30
BR06-01	HC-35	0.00030	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.20	<0.0005	0.00062	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.00
BR06-01	HC-35	0.00032	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.28	<0.0001	0.000439	<0.00005	<0.00005	0.002	0.000005	0.0016	2.12
BR06-01	HC-35	0.0006	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.3	<0.0005	0.00043	<0.0003	<0.0003	0.014	0.00038	<0.003	2.1
BR06-01	HC-35															
BR06-01	HC-35	0.0003	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.2	<0.0005	0.00036	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.1
BR06-01	HC-35															
BR06-01	HC-35	0.00035	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.84	<0.0001	0.000400	<0.00005	<0.00005	0.003	<0.000005	0.0013	1.74
BR06-01	HC-35															
BR06-01	HC-35	0.0003	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.4	<0.0005	0.00032	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.1
BR06-01	HC-35															
BR06-01	HC-35	0.0004	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.5	<0.0005	0.00031	<0.0003	<0.0003	<0.005	0.00003	<0.003	2.1
BR06-01	HC-35															
BR06-01	HC-35	0.0003	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.4	<0.0005	0.00026	<0.0003	<0.0003	0.009	0.00041	<0.003	2.0
BR06-01	HC-35															
BR06-01	HC-35	0.0003	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	3.3	<0.0005	0.00028	<0.0003	<0.0003	<0.005	<0.00003	<0.003	1.9
BR06-01	HC-35															
BR06-01	HC-35	0.00025	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.04	<0.0001	0.000245	<0.00005	<0.00005	0.002	<0.000005	0.0018	1.62
BR06-01	HC-35															
BR06-01	HC-35	0.00028	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.41	<0.0001	0.000213	<0.00005	<0.00005	<0.001	0.000006	0.0011	1.91

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-01	HC-35	0.00800	<0.0002	<0.04	<0.001	0.1110	3.00	0.00200	<0.0008	4.0	<0.0001	<1	0.0280	<200	<0.0004	<0.00004
BR06-01	HC-35	0.00770	<0.0001	<0.02	<0.0005	0.0911	1.90	0.00190	0.00040	4.0	<0.00005	<0.5	0.0221	<100	<0.0002	0.000020
BR06-01	HC-35	0.00730	<0.0001	<0.02	<0.0005	0.0822	1.60	0.00200	<0.0004	4.0	<0.00005	<0.5	0.0221	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00720	<0.0001	<0.02	<0.0005	0.0707	1.60	0.00170	<0.0004	3.0	<0.00005	<0.5	0.0198	<100	<0.0002	0.000020
BR06-01	HC-35	0.00680	<0.0001	<0.02	<0.0005	0.0576	1.40	0.00140	<0.0004	3.0	<0.00005	<0.5	0.0173	<100	<0.0002	0.000060
BR06-01	HC-35	0.00630	<0.0001	<0.02	<0.0005	0.0463	1.30	0.00130	<0.0004	3.0	<0.00005	<0.5	0.0156	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00590	<0.0001	<0.02	<0.0005	0.0417	1.10	0.00120	<0.0004	2.0	<0.00005	<0.5	0.0137	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00590	<0.0001	<0.02	0.00050	0.0394	1.00	0.00110	<0.0004	3.0	<0.00005	<0.5	0.0144	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00590	<0.0001	<0.02	<0.0005	0.0346	1.00	0.00120	<0.0004	3.0	<0.00005	<0.5	0.0147	<100	<0.0002	0.000030
BR06-01	HC-35	0.00560	<0.0001	<0.02	<0.0005	0.0287	0.80	0.00090	<0.0004	2.0	<0.00005	<0.5	0.0105	<100	<0.0002	0.000020
BR06-01	HC-35	0.00630	<0.0001	<0.02	<0.0005	0.0374	0.80	0.00090	<0.0004	2.0	<0.00005	<0.5	0.0129	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00530	<0.0001	<0.02	<0.0005	0.0242	0.80	0.00080	<0.0004	2.0	<0.00005	<0.5	0.00970	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00530	<0.0001	<0.02	<0.0005	0.0218	0.80	0.00080	<0.0004	2.0	<0.00005	<0.5	0.0110	<100	<0.0002	<0.00002
BR06-01	HC-35	0.00470	<0.00005	<0.01	0.00040	0.0194	0.70	0.00070	<0.0002	2.0	<0.00003	<0.3	0.0103	<50	<0.0001	0.000010
BR06-01	HC-35	0.00550	<0.00005	<0.01	0.00040	0.0194	0.70	0.00070	<0.0002	2.5	<0.00003	<0.3	0.0108	<50	<0.0001	0.000010
BR06-01	HC-35	0.00480	<0.00005	<0.01	0.00040	0.0155	0.60	0.00070	<0.0002	1.9	<0.00003	<0.3	0.00940	<50	<0.0001	0.000020
BR06-01	HC-35	0.00450	<0.00005	<0.01	<0.0003	0.0165	0.60	0.00060	<0.0002	1.9	<0.00003	<0.3	0.00940	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00440	<0.00005	<0.01	0.00040	0.0141	0.60	0.00060	<0.0002	1.7	<0.00003	<0.3	0.00850	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00420	<0.00005	<0.01	0.00030	0.0128	0.60	0.00060	<0.0002	1.9	<0.00003	<0.3	0.00930	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00540	<0.00005	<0.01	0.00050	0.0127	0.60	0.00060	<0.0002	1.8	<0.00003	<0.3	0.00870	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00400	<0.00005	<0.01	0.00040	0.0107	0.50	0.00050	<0.0002	1.8	<0.00003	<0.3	0.00830	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00420	<0.00005	<0.01	0.00050	0.0105	0.50	0.00060	<0.0002	1.7	<0.00003	<0.3	0.00900	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00350	<0.00005	<0.01	0.00050	0.00950	0.50	0.00050	<0.0002	1.5	<0.00003	<0.3	0.00830	<50	<0.0001	0.000010
BR06-01	HC-35	0.00480	<0.00005	<0.01	0.00290	0.0101	0.60	0.00050	<0.0002	1.6	<0.00003	<0.3	0.00920	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00340	<0.00005	<0.01	0.00060	0.00940	0.40	0.00050	<0.0002	1.4	<0.00003	<0.3	0.00820	<50	<0.0001	0.000010
BR06-01	HC-35	0.00270	<0.00005	<0.01	0.00050	0.00730	0.40	0.00040	<0.0002	1.3	<0.00003	<0.3	0.00730	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00266	<0.00005	<0.01	0.00050	0.00810	0.50	0.00050	<0.0002	1.5	<0.00003	0.40	0.0104	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00330	<0.00005	<0.01	0.00050	0.00700	0.40	0.00050	<0.0002	1.2	<0.00003	<0.3	0.00700	<50	<0.0001	0.000030
BR06-01	HC-35	0.00290	<0.00005	<0.01	0.00050	0.00670	0.40	0.00040	<0.0002	1.3	<0.00003	<0.3	0.0071	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00220	<0.00005	<0.01	0.00060	0.00780	0.50	0.00040	<0.0002	1.5	<0.00003	<0.3	0.0072	<50	<0.0001	0.00007
BR06-01	HC-35	0.00220	<0.00005	<0.01	0.00060	0.00550	0.40	0.00040	<0.0002	1.2	<0.00003	<0.3	0.0065	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00210	<0.00005	<0.01	0.00060	0.00540	0.40	0.00040	<0.0002	1.4	<0.00003	<0.3	0.0067	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00180	<0.00005	<0.01	0.00050	0.00480	0.40	0.00040	<0.0002	1.1	<0.00003	<0.3	0.0062	<50	<0.0001	<0.00001
BR06-01	HC-35	0.00157	<0.00001	0.007	0.00063	0.00459	0.35	0.00035	0.00007	1.0	<0.000005	0.11	0.00643	<10	<0.00002	0.000003
BR06-01	HC-35	0.0015	<0.00005	<0.01	0.0006	0.0043	0.4	0.0004	<0.0002	1.2	<0.00003	<0.3	0.0065	<50	<0.0001	<0.00001
BR06-01	HC-35															
BR06-01	HC-35	0.0011	<0.00005	<0.01	0.0005	0.0035	0.3	0.0003	<0.0002	1.1	<0.00003	<0.3	0.0058	<50	<0.0001	<0.00001
BR06-01	HC-35															
BR06-01	HC-35	0.00101	<0.00001	0.002	0.00066	0.00314	0.30	0.00032	0.00005	0.9	<0.000005	0.09	0.00551	<10	<0.00002	0.000004
BR06-01	HC-35															
BR06-01	HC-35	0.0009	<0.00005	<0.01	0.0007	0.0026	0.3	0.0003	<0.0002	1.1	<0.00003	<0.3	0.0057	<50	<0.0001	<0.00001
BR06-01	HC-35															
BR06-01	HC-35	0.0008	<0.00005	<0.01	0.0008	0.0023	0.3	0.0003	<0.0002	1.1	<0.00003	<0.3	0.0055	<50	<0.0001	<0.00001
BR06-01	HC-35															
BR06-01	HC-35	0.0008	<0.00005	<0.01	0.0008	0.0024	<0.3	<0.0003	<0.0002	0.9	<0.00003	<0.3	0.0058	<50	<0.0001	<0.00001
BR06-01	HC-35															
BR06-01	HC-35	0.0008	<0.00005	<0.01	0.0007	0.0027	<0.3	<0.0003	<0.0002	0.9	<0.00003	<0.3	0.0059	<50	<0.0001	<0.00001
BR06-01	HC-35															
BR06-01	HC-35	0.00055	<0.00001	<0.002	0.00074	0.00177	0.21	0.00027	0.00006	0.8	<0.000005	0.08	0.00543	<10	<0.00002	<0.000002
BR06-01	HC-35															
BR06-01	HC-35	0.00060	<0.00001	0.007	0.00079	0.00151	0.26	0.00032	0.00006	0.8	<0.000005	0.10	0.00566	<10	<0.00002	0.000005

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-01	HC-35	<0.0001	<0.004	<0.01	0.00060	<0.00004	0.0050	<0.002	<0.002	<0.002				0.73	0.94	-12.50
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00050	0.000030	0.0040	<0.001	<0.001	<0.002				0.64	0.81	-11.40
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00060	<0.00002	0.0040	<0.001	<0.001	<0.002				0.68	0.78	-6.58
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00060	0.000030	0.0040	<0.001	<0.001	<0.002				0.59	0.71	-9.09
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00070	0.000020	0.0040	<0.001	<0.001	<0.002				0.55	0.67	-10.00
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00060	<0.00002	0.0050	<0.001	<0.001	<0.002				0.55	0.60	-4.96
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00040	0.000040	0.0030	<0.001	<0.001	<0.002				0.46	0.54	-7.58
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00040	0.000030	0.0030	<0.001	<0.001	<0.002				0.46	0.57	-10.70
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00050	0.000050	0.0030	0.0010	<0.001	<0.002				0.47	0.55	-7.51
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00030	<0.00002	0.0030	<0.001	<0.001	<0.002				0.46	0.48	-2.23
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00040	0.000040	0.0030	<0.001	<0.001	<0.002				0.53	0.54	-1.50
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00040	0.000030	<0.002	<0.001	<0.001	<0.002				0.42	0.44	-2.46
BR06-01	HC-35	<0.00005	<0.002	<0.005	0.00030	<0.00002	<0.002	<0.001	<0.001	0.005				0.43	0.48	-5.30
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00037	0.000010	0.0030	<0.0005	<0.0005	<0.002				0.38	0.44	-7.22
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00035	<0.00001	0.0030	<0.0005	<0.0005	<0.002				0.49	0.48	0.82
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00037	0.000020	0.0020	<0.0005	<0.0005	<0.002				0.39	0.43	-4.80
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00025	0.000020	0.0020	<0.0005	<0.0005	<0.002				0.38	0.41	-4.20
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00033	0.000010	0.0020	<0.0005	<0.0005	<0.002				0.34	0.41	-9.26
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00032	0.000020	0.0020	<0.0005	<0.0005	<0.002				0.36	0.42	-7.85
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00028	0.000030	0.0010	<0.0005	<0.0005	<0.002				0.36	0.42	-7.38
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00035	0.000020	0.0010	<0.0005	<0.0005	<0.002				0.39	0.41	-2.01
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00027	0.000020	0.0020	0.0009	<0.0005	<0.002				0.38	0.42	-5.62
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00032	0.000040	0.0020	<0.0005	<0.0005	<0.002				0.35	0.41	-7.57
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00033	0.000030	0.0020	0.0013	<0.0005	<0.002				0.39	0.44	-5.57
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00027	0.000030	0.0020	0.0005	<0.0005	<0.002				0.38	0.41	-3.45
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00025	0.000040	0.0010	0.0006	<0.0005	<0.002				0.31	0.36	-7.56
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00023	0.000030	0.0010	0.0006	<0.0005	<0.002				0.33	0.42	-11.40
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00025	0.000020	0.0020	0.0007	<0.0005	<0.002				0.30	0.36	-9.17
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00024	0.000100	0.0010	0.0211	<0.0005	<0.002				0.298	0.363	-9.83
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00027	0.000030	0.0010	<0.0005	<0.0005	<0.002				0.312	0.384	-10.3
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00021	0.000030	<0.001	<0.0005	<0.0005	<0.002				0.277	0.358	-12.8
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00025	0.000030	0.0010	<0.0005	<0.0005	<0.002				0.338	0.380	-5.85
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00025	0.000030	0.0010	<0.0005	<0.0005	<0.002				0.316	0.341	-3.81
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00023	0.000022	0.0012	0.0002	<0.0001	<0.002				0.317	0.357	-5.93
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00022	0.00003	<0.001	<0.0005	<0.0005	<0.002				0.327	0.354	-3.96
BR06-01	HC-35															
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00021	0.00003	<0.001	0.0010	<0.0005	<0.002				0.258	0.345	-14.4
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00023	0.000024	0.0012	<0.0001	<0.0001	<0.002				0.333	0.304	4.55
BR06-01	HC-35															
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00024	0.00003	0.001	<0.0005	<0.0005	<0.002				0.295	0.357	-9.51
BR06-01	HC-35															
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00025	0.00002	<0.001	<0.0005	<0.0005	<0.002				0.304	0.363	-8.85
BR06-01	HC-35															
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00027	0.00002	<0.001	<0.0005	<0.0005	<0.002				0.313	0.352	-5.86
BR06-01	HC-35															
BR06-01	HC-35	<0.00003	<0.001	<0.003	0.00024	0.00003	<0.001	<0.0005	<0.0005	<0.002				0.301	0.338	-5.79
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00018	0.000029	0.0009	<0.0001	<0.0001	<0.002				0.269	0.303	-5.94
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00019	0.000030	0.0010	<0.0001	<0.0001	<0.002				0.356	0.347	1.28

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	58	24-Nov-14	500	460	7.65	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	59	01-Dec-14	500	460		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	60	08-Dec-14	500	490	7.61	29.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	61	15-Dec-14	500	490		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	62	22-Dec-14	500	465	7.61	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	63	29-Dec-14	500	490		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	64	05-Jan-15	500	485	7.58	28.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	65	12-Jan-15	500	475		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	66	19-Jan-15	500	490	7.57	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	67	26-Jan-15	500	450		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	68	02-Feb-15	500	490	7.66	27.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	69	09-Feb-15	500	485		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	70	16-Feb-15	500	485	7.51	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	71	23-Feb-15	500	475		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	72	02-Mar-15	500	480	7.61	27.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	73	09-Mar-15	500	475		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	74	16-Mar-15	500	495	7.69	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	75	23-Mar-15	500	480		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	76	30-Mar-15	500	460	7.52	28.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	77	06-Apr-15	500	480		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	78	13-Apr-15	500	495	7.65	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	79	20-Apr-15	500	470		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	80	27-Apr-15	500	495	7.61	25.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	81	04-May-15	500	490		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	82	11-May-15	500	485	7.59	
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	83	18-May-15	500	500		
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	84	25-May-15	500	500	7.65	22.0
BR06-01	HC-35	LCP North	Greywacke	13GRL118	40.00	41.50	0.02	0.01	0.02	17.00	7.70	85	01-Jun-15	500	495		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	0	14-Oct-13	750	640	9.37	56.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	1	21-Oct-13	500	470	8.60	82.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	2	28-Oct-13	500	475	7.66	55.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	3	04-Nov-13	500	475	7.88	59.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	4	11-Nov-13	500	470	7.99	54.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	5	18-Nov-13	500	480	7.64	48.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	6	25-Nov-13	500	465	7.78	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	7	02-Dec-13	500	475	7.72	48.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	8	09-Dec-13	500	480	7.85	50.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	9	16-Dec-13	500	475	7.70	53.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	10	23-Dec-13	500	470	7.96	53.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	11	30-Dec-13	500	475	7.80	55.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	12	06-Jan-14	500	470	7.81	56.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	13	13-Jan-14	500	480	7.76	51.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	14	20-Jan-14	500	460	7.77	50.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	135	1.2	<0.5	<0.5	12.9			<0.5					13.9	0.0894	0.00037	0.852
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	140	1.2	<0.5	<0.5	12.6			<0.5					16.2	0.112	0.00039	0.956
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	145	1.0	<0.5	<0.5	12.3			<0.5					13.5	0.105	0.00030	0.685
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	150	<0.5	<0.5	<0.5	11.8			<0.5					12.9	0.0986	0.00024	0.632
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	155	0.8	<0.5	<0.5	11.3			<0.5					13.6	0.0952	0.00022	0.574
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	120	<0.5	<0.5	<0.5	10.2			<0.5					12.0	0.103	0.00017	0.427
BR06-01	HC-35																
BR06-01	HC-35																
BR06-01	HC-35	110	<0.5	<0.5	<0.5	10.7			<0.5					11.4	0.108	0.00017	0.443
BR06-01	HC-35																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36	90.0	4.0	<0.5	<0.5	17.7	0.07	0.021	3.2	<0.02	<0.005	0.006	0.002	10.5	0.139	0.00011	0.00483
BR06-02	HC-36	130	9.8	<0.5	<0.5	22.2	0.13	0.028	3.9	<0.02	<0.005	0.013	0.005	16.3	0.137	0.00029	0.0143
BR06-02	HC-36	115	8.5	<0.5	<0.5	17.4	0.10	0.010	1.4	<0.02	<0.005	0.005	<0.001	15.4	0.120	0.00025	0.0194
BR06-02	HC-36	120	7.3	<0.5	<0.5	20.4	0.09	<0.01	0.5	<0.02	<0.005	0.015	0.004	17.9	0.156	0.00022	0.0290
BR06-02	HC-36	120	5.7	<0.5	<0.5	20.6	0.07	<0.01	0.6	<0.02	0.007	0.006	0.008	17.3	0.173	0.00022	0.0337
BR06-02	HC-36	130	6.0	<0.5	<0.5	14.6	0.06	<0.01	<0.5					15.0	0.179	0.00020	0.0322
BR06-02	HC-36	140	6.1	<0.5	<0.5	17.4	<0.05	<0.01	<0.5					17.2	0.134	0.00017	0.0319
BR06-02	HC-36	140	5.7	<0.5	<0.5	15.6	<0.05	<0.01	<0.5					17.9	0.176	0.00015	0.0366
BR06-02	HC-36	135	5.4	<0.5	0.6	22.0	<0.05	<0.01	<0.5					19.0	0.182	0.00015	0.0389
BR06-02	HC-36	130	6.5	<0.5	<0.5	20.8	<0.05	<0.01	<0.5					21.3	0.202	0.00015	0.0430
BR06-02	HC-36	140	7.3	<0.5	2.9	16.6	<0.05	<0.01	<0.5					19.8	0.174	0.00013	0.0416
BR06-02	HC-36	130	9.5	<0.5	<0.5	15.5	<0.05	<0.01	<0.5					21.9	0.184	0.00012	0.0411
BR06-02	HC-36	150	10.2	<0.5	<0.5	16.1	<0.05	<0.01	<0.5					22.2	0.170	0.00011	0.0397
BR06-02	HC-36	135	7.9	<0.5	<0.5	15.2	<0.05	<0.01	<0.5					19.4	0.162	0.00011	0.0373
BR06-02	HC-36	140	8.5	<0.5	<0.5	14.3	<0.05	<0.01	<0.5					20.1	0.161	0.00009	0.0370

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00024	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.83	<0.0001	0.000180	<0.00005	<0.00005	0.001	<0.000005	<0.0005	1.66
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00038	<0.00001	<0.000005	<0.05	<0.00005	0.000025	3.37	<0.0001	0.000159	0.00007	<0.00005	<0.001	0.000007	0.0011	1.89
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00027	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.83	<0.0001	0.000145	<0.00005	<0.00005	0.001	<0.000005	<0.0005	1.55
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00021	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.65	<0.0001	0.000095	<0.00005	<0.00005	<0.001	<0.000005	0.0006	1.52
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00031	<0.00001	<0.000005	<0.05	<0.00005	0.000018	2.85	<0.0001	0.000123	<0.00005	<0.00005	0.003	<0.000005	0.0008	1.57
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00017	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.58	<0.0001	0.000106	<0.00005	<0.00005	<0.001	<0.000005	<0.0005	1.35
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00017	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.53	<0.0001	0.000077	0.00007	<0.00005	0.002	0.000005	<0.0005	1.24
BR06-01	HC-35															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36	0.00138	<0.00001	<0.000005	<0.05	0.00013	<0.000005	3.52	0.0001	0.000022	0.00020	0.00006	0.012	0.000067	0.0022	0.40
BR06-02	HC-36	0.00257	<0.00001	<0.000005	<0.05	0.00019	<0.000005	4.47	<0.0001	0.000056	0.00017	<0.00005	0.006	0.000043	0.0054	1.24
BR06-02	HC-36	0.00207	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.21	<0.0001	0.000080	0.00014	<0.00005	0.005	0.000038	0.0054	1.19
BR06-02	HC-36	0.00231	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.97	<0.0001	0.000118	0.00011	<0.00005	0.006	0.000044	0.0050	1.32
BR06-02	HC-36	0.00233	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.98	0.0001	0.000156	0.00021	<0.00005	0.010	0.000081	0.0049	1.19
BR06-02	HC-36	0.00217	<0.00001	<0.000005	<0.05	0.00013	<0.000005	4.42	<0.0001	0.000186	0.00016	<0.00005	0.006	0.000067	0.0047	0.96
BR06-02	HC-36	0.00197	<0.00001	<0.000005	<0.05	0.00010	<0.000005	5.24	<0.0001	0.000181	0.00013	<0.00005	0.003	0.000030	0.0041	0.99
BR06-02	HC-36	0.00197	<0.00001	<0.000005	<0.05	0.00011	<0.000005	5.65	<0.0001	0.000178	0.00026	<0.00005	0.005	0.000053	0.0038	0.92
BR06-02	HC-36	0.00236	<0.00001	<0.000005	<0.05	0.00010	<0.000005	6.06	<0.0001	0.000246	0.00016	<0.00005	0.005	0.000054	0.0040	0.95
BR06-02	HC-36	0.00246	<0.00001	<0.000005	<0.05	0.00011	0.000005	7.09	<0.0001	0.000271	0.00014	<0.00005	0.005	0.000060	0.0040	0.88
BR06-02	HC-36	0.00230	<0.00001	<0.000005	<0.05	0.00011	0.000005	6.54	<0.0001	0.000372	0.00017	<0.00005	0.003	0.000060	0.0037	0.85
BR06-02	HC-36	0.00249	<0.00001	<0.000005	<0.05	0.00010	0.000008	7.45	<0.0001	0.000420	0.00030	<0.00005	0.003	0.000052	0.0036	0.80
BR06-02	HC-36	0.00249	<0.00001	<0.000005	<0.05	0.00009	0.000007	7.68	<0.0001	0.000463	0.00012	<0.00005	0.002	0.000045	0.0035	0.74
BR06-02	HC-36	0.00216	<0.00001	<0.000005	<0.05	0.00009	0.000006	6.74	<0.0001	0.000450	0.00015	<0.00005	0.002	0.000043	0.0031	0.63
BR06-02	HC-36	0.00221	<0.00001	<0.000005	<0.05	0.00008	0.000005	7.10	<0.0001	0.000407	0.00021	<0.00005	0.001	0.000037	0.0027	0.57

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00039	<0.00001	<0.002	0.00069	0.00113	0.23	0.00024	0.00008	0.6	<0.000005	0.08	0.00450	<10	<0.00002	0.000003
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00044	<0.00001	0.008	0.00086	0.00104	0.26	0.00025	0.00009	0.8	<0.000005	0.10	0.00536	<10	<0.00002	0.000004
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00034	<0.00001	<0.002	0.00070	0.00090	0.21	0.00020	0.00005	0.6	<0.000005	0.09	0.00402	<10	<0.00002	0.000002
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00024	<0.00001	0.005	0.00065	0.00060	0.19	0.00017	0.00005	0.8	<0.000005	0.08	0.00394	<10	<0.00002	0.000003
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00026	<0.00001	<0.002	0.00070	0.00070	0.19	0.00019	0.00006	0.7	<0.000005	0.09	0.00422	<10	<0.00002	<0.000002
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00023	<0.00001	0.004	0.00064	0.00069	0.16	0.00016	0.00004	0.6	<0.000005	0.08	0.00325	<10	<0.00002	<0.000002
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	0.00021	<0.00001	0.002	0.00089	0.00056	0.14	0.00016	0.00005	0.5	<0.000005	0.07	0.00337	<10	<0.00002	0.000003
BR06-01	HC-35															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36	0.00116	<0.00001	0.012	0.00047	0.00029	5.02	0.00573	0.00015	1.2	<0.000005	4.05	0.0162	<10	<0.00002	0.000009
BR06-02	HC-36	0.00302	<0.00001	0.006	0.00600	0.00035	6.57	0.00685	0.00043	1.1	<0.000005	6.94	0.0310	<10	<0.00002	0.000006
BR06-02	HC-36	0.00273	<0.00001	0.004	0.00396	0.00045	5.13	0.00523	0.00034	1.1	<0.000005	4.03	0.0267	<10	<0.00002	0.000004
BR06-02	HC-36	0.00262	<0.00001	0.003	0.00269	0.00040	4.26	0.00502	0.00037	1.1	<0.000005	2.68	0.0302	<10	<0.00002	0.000005
BR06-02	HC-36	0.00286	<0.00001	0.009	0.00151	0.00096	3.71	0.00460	0.00033	1.3	<0.000005	1.83	0.0309	<10	<0.00002	0.000004
BR06-02	HC-36	0.00262	<0.00001	0.011	0.00084	0.00137	2.73	0.00446	0.00030	0.9	<0.000005	1.05	0.0299	<10	<0.00002	0.000004
BR06-02	HC-36	0.00316	<0.00001	0.008	0.00061	0.00056	2.65	0.00360	0.00025	1.1	<0.000005	0.96	0.0256	<10	<0.00002	0.000002
BR06-02	HC-36	0.00293	<0.00001	0.009	0.00038	0.00030	2.33	0.00363	0.00029	1.2	<0.000005	0.78	0.0266	<10	<0.00002	0.000003
BR06-02	HC-36	0.00388	<0.00001	0.010	0.00041	0.00032	2.34	0.00339	0.00034	1.2	<0.000005	0.68	0.0283	<10	<0.00002	0.000004
BR06-02	HC-36	0.00470	<0.00001	0.010	0.00038	0.00033	2.34	0.00374	0.00036	1.4	<0.000005	0.65	0.0302	<10	<0.00002	0.000005
BR06-02	HC-36	0.00487	<0.00001	0.015	0.00040	0.00041	2.22	0.00339	0.00038	1.2	<0.000005	0.57	0.0296	<10	<0.00002	0.000006
BR06-02	HC-36	0.00528	<0.00001	0.004	0.00034	0.00046	1.98	0.00336	0.00033	1.3	<0.000005	0.47	0.0312	<10	<0.00002	0.000006
BR06-02	HC-36	0.00544	<0.00001	0.006	0.00034	0.00043	1.96	0.00326	0.00035	1.3	<0.000005	0.43	0.0305	<10	0.00002	0.000004
BR06-02	HC-36	0.00529	<0.00001	0.018	0.00036	0.00055	1.74	0.00294	0.00034	1.1	<0.000005	0.37	0.0279	<10	<0.00002	0.000004
BR06-02	HC-36	0.00522	<0.00001	0.005	0.00040	0.00035	1.66	0.00287	0.00031	1.2	<0.000005	0.33	0.0268	<10	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00019	0.000017	0.0009	<0.0001	<0.0001	<0.002				0.282	0.298	-2.76
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00022	0.000022	0.0011	0.0024	<0.0001	<0.002				0.276	0.347	-11.4
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00019	0.000016	0.0009	0.0002	<0.0001	<0.002				0.268	0.290	-3.94
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	0.0006	0.00016	0.000015	0.0010	<0.0001	<0.0001	<0.002				0.235	0.277	-8.20
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00018	0.000013	0.0010	0.0017	<0.0001	<0.002				0.241	0.291	-9.40
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00013	0.000013	0.0007	<0.0001	<0.0001	<0.002				0.203	0.259	-12.1
BR06-01	HC-35															
BR06-01	HC-35															
BR06-01	HC-35	<0.000005	<0.0002	<0.0005	0.00013	0.000011	0.0006	0.0038	<0.0001	<0.002				0.213	0.247	-7.39
BR06-01	HC-35															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36	<0.000005	<0.0002	0.0007	0.00022	0.000016	0.0011	0.0002	<0.0001	0.002				0.53	0.53	0.19
BR06-02	HC-36	<0.000005	<0.0002	0.0006	0.00027	0.000416	0.0011	0.0002	<0.0001	<0.002				0.76	0.81	-2.92
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00021	0.000762	0.0010	0.0001	<0.0001	<0.002				0.57	0.63	-4.93
BR06-02	HC-36	0.000005	<0.0002	<0.0005	0.00020	0.00163	0.0012	0.0001	<0.0001	<0.002				0.58	0.60	-1.87
BR06-02	HC-36	0.000008	<0.0002	0.0009	0.00016	0.00274	0.0016	0.0008	<0.0001	<0.002				0.55	0.54	1.10
BR06-02	HC-36	0.000007	<0.0002	0.0005	0.00014	0.00343	0.0015	0.0002	<0.0001	<0.002				0.42	0.44	-1.99
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00011	0.00523	0.0013	0.0001	<0.0001	<0.002				0.47	0.47	0.74
BR06-02	HC-36	0.000005	<0.0002	0.0005	0.00009	0.00646	0.0014	0.0002	0.0002	<0.002				0.43	0.47	-4.55
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00009	0.00785	0.0013	0.0002	<0.0001	<0.002				0.55	0.49	5.85
BR06-02	HC-36	0.000006	<0.0002	<0.0005	0.00009	0.00910	0.0016	0.0003	<0.0001	<0.002				0.55	0.54	1.47
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00009	0.00940	0.0012	0.0003	<0.0001	<0.002				0.48	0.50	-1.43
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00007	0.00955	0.0013	0.0003	<0.0001	<0.002				0.51	0.53	-2.03
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00007	0.00863	0.0011	0.0005	<0.0001	<0.002				0.54	0.53	0.28
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00006	0.00757	0.0010	0.0004	<0.0001	<0.002				0.47	0.47	0.32
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00727	0.0011	0.0002	<0.0001	<0.002				0.46	0.48	-1.38

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	15	27-Jan-14	500	495	7.62	51.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	16	03-Feb-14	500	480	7.73	51.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	17	10-Feb-14	500	480	7.59	48.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	18	17-Feb-14	500	485	7.67	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	19	24-Feb-14	500	485	7.63	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	20	03-Mar-14	500	485	7.67	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	21	10-Mar-14	500	470	7.65	53.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	22	17-Mar-14	500	495	7.58	43.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	23	24-Mar-14	500	475	7.67	45.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	24	31-Mar-14	500	465	7.60	48.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	25	07-Apr-14	500	470	7.64	49.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	26	14-Apr-14	500	465	7.60	47.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	27	21-Apr-14	500	470	7.53	50.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	28	28-Apr-14	500	470	7.60	49.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	29	05-May-14	500	465	7.53	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	30	12-May-14	500	480	7.59	47.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	31	19-May-14	500	485	7.52	49.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	32	26-May-14	500	475	7.53	43.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	33	02-Jun-14	500	470	7.51	45.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	34	09-Jun-14	500	470	7.51	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	35	16-Jun-14	500	460	7.55	44.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	36	23-Jun-14	500	460	7.43	44.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	37	30-Jun-14	500	470	7.51	43.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	38	07-Jul-14	500	485	7.54	43.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	39	14-Jul-14	500	465	7.53	45.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	40	21-Jul-14	500	465	7.61	45.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	41	28-Jul-14	500	475	7.55	47.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	42	04-Aug-14	500	475	7.57	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	43	11-Aug-14	500	465	7.42	40.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	44	18-Aug-14	500	465	7.47	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	45	25-Aug-14	500	465	7.42	46.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	46	01-Sep-14	500	475	7.50	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	47	08-Sep-14	500	465	7.53	40.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	48	15-Sep-14	500	475	7.50	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	49	22-Sep-14	500	485	7.53	42.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	50	29-Sep-14	500	480	7.50	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	51	06-Oct-14	500	470	7.54	37.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	52	13-Oct-14	500	470	7.55	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	53	20-Oct-14	500	465	7.54	37.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	54	27-Oct-14	500	465	7.56	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	55	03-Nov-14	500	495	7.49	40.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	56	10-Nov-14	500	465	7.49	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	57	17-Nov-14	500	475	7.36	41
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	58	24-Nov-14	500	490	7.51	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	59	01-Dec-14	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	60	08-Dec-14	500	470	7.40	36
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	61	15-Dec-14	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	62	22-Dec-14	500	465	7.48	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	63	29-Dec-14	500	460		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	64	05-Jan-15	500	475	7.40	34
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	65	12-Jan-15	500	450		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36	130	8.3	<0.5	<0.5	13.5	<0.05	<0.01	<0.5					20.2	0.153	0.00009	0.0330
BR06-02	HC-36	135	11.7	<0.5	0.6	14.1	<0.05	<0.01	<0.5					19.0	0.161	0.00008	0.0348
BR06-02	HC-36	120	9.1	<0.5	<0.5	13.7	<0.05	<0.01	<0.5					19.6	0.140	0.00007	0.0322
BR06-02	HC-36	140	7.8	<0.5	<0.5	12.7	<0.05	<0.01	<0.5					18.0	0.155	0.00006	0.0315
BR06-02	HC-36	130	8.6	<0.5	<0.5	13.6	<0.05	<0.01	<0.5					18.5	0.169	0.00007	0.0345
BR06-02	HC-36	140	7.4	<0.5	<0.5	12.2	<0.05	<0.01	<0.5					17.9	0.144	0.00007	0.0312
BR06-02	HC-36	140	7.3	<0.5	<0.5	17.4	<0.05	<0.01	<0.5					21.2	0.215	0.00007	0.0443
BR06-02	HC-36	130	7.5	<0.5	<0.5	13.2	<0.05	<0.01	<0.5					17.4	0.140	0.00006	0.0289
BR06-02	HC-36	140	7.3	<0.5	1.1	12.5	<0.05	<0.01	<0.5					17.0	0.170	0.00005	0.0325
BR06-02	HC-36	140	8.7	<0.5	<0.5	12.9	<0.05	<0.01	<0.5					19.8	0.153	0.00006	0.0308
BR06-02	HC-36	140	8.4	<0.5	<0.5	12.3	<0.05	<0.01	<0.5					18.3	0.165	0.00006	0.0278
BR06-02	HC-36	140	8.2	<0.5	<0.5	11.7	<0.05	<0.01	<0.5					18.9	0.139	0.00005	0.0258
BR06-02	HC-36	130	8.5	<0.5	<0.5	11.5	<0.05	<0.01	0.9					19.9	0.158	0.00005	0.0265
BR06-02	HC-36	140	9.2	<0.5	<0.5	11.6	<0.05	<0.01	<0.5					19.0	0.151	0.00005	0.0246
BR06-02	HC-36	145	8.4	<0.5	<0.5	11.0	<0.05	<0.01	<0.5					18.0	0.133	0.00005	0.0225
BR06-02	HC-36	125	8.2	<0.5	<0.5	11.0	<0.05	<0.01	<0.5					19.3	0.133	0.00004	0.0221
BR06-02	HC-36	125	11.3	<0.5	0.6	9.8	<0.05	<0.01	<0.5					19.0	0.142	0.00005	0.0213
BR06-02	HC-36	130	7.8	<0.5	<0.5	10.0	<0.05	<0.01	<0.5					16.6	0.129	0.00005	0.0192
BR06-02	HC-36	130	9.6	<0.5	<0.5	9.6	<0.05	<0.01	<0.5					18.3	0.116	0.00004	0.0174
BR06-02	HC-36	140	9.1	<0.5	<0.5	9.9	<0.05	<0.01	<0.5					17.4	0.114	0.00004	0.0177
BR06-02	HC-36	135	9.2	<0.5	0.6	9.1	<0.05	<0.01	<0.5					15.9	0.126	0.00004	0.0184
BR06-02	HC-36	140	9.2	<0.5	<0.5	8.7	<0.05	<0.01	<0.5					17.2	0.118	0.00022	0.0172
BR06-02	HC-36	130	8.3	<0.5	<0.5	8.7	<0.05	<0.01	<0.5					18.1	0.132	0.00011	0.0175
BR06-02	HC-36	140	10.2	<0.5	<0.5	9.0	<0.05	<0.01	0.6					17.9	0.122	0.00004	0.0162
BR06-02	HC-36	130	9.9	<0.5	<0.5	10.2	<0.05	<0.01	<0.5					20.7	0.128	0.00003	0.0167
BR06-02	HC-36	140	10.0	<0.5	<0.5	9.8	<0.05	<0.01	<0.5					19.2	0.122	0.00003	0.0176
BR06-02	HC-36	140	10.8	<0.5	<0.5	9.1	<0.05	<0.01	0.8					19.2	0.122	0.00004	0.0141
BR06-02	HC-36																
BR06-02	HC-36	140	7.9	<0.5	<0.5	9.8			<0.5					16.8	0.115	0.00003	0.0125
BR06-02	HC-36																
BR06-02	HC-36	120	8.9	<0.5	<0.5	8.9			<0.5					18.1	0.111	0.00004	0.0128
BR06-02	HC-36																
BR06-02	HC-36	140	8.3	<0.5	<0.5	9.3			1.3					16.3	0.122	0.00004	0.0128
BR06-02	HC-36																
BR06-02	HC-36	150	9.1	<0.5	<0.5	8.7			<0.5					18.5	0.115	0.00003	0.0116
BR06-02	HC-36																
BR06-02	HC-36	140	7.9	<0.5	<0.5	8.7			<0.5					16.0	0.120	0.00003	0.0102
BR06-02	HC-36																
BR06-02	HC-36	135	6.8	<0.5	<0.5	9.0			<0.5					14.7	0.110	0.00002	0.0106
BR06-02	HC-36																
BR06-02	HC-36	140	7.1	<0.5	<0.5	7.6			1.0					15.1	0.0965	0.00003	0.0101
BR06-02	HC-36																
BR06-02	HC-36	140	7.9	<0.5	0.9	8.7			<0.5					15.6	0.0847	0.00003	0.00868
BR06-02	HC-36																
BR06-02	HC-36	140	7.9	<0.5	<0.5	7.0			0.5					13.7	0.0967	0.00002	0.00848
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	140	7.1	<0.5	<0.5	7.5			<0.5					18.5	0.116	0.00003	0.0103
BR06-02	HC-36																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36	0.00243	<0.00001	<0.000005	<0.05	0.00009	0.000009	7.21	<0.0001	0.000487	0.00013	<0.00005	0.002	0.000042	0.0027	0.54
BR06-02	HC-36	0.00239	<0.00001	<0.000005	<0.05	0.00008	0.000006	6.70	<0.0001	0.000454	0.00017	<0.00005	0.003	0.000042	0.0024	0.54
BR06-02	HC-36	0.00245	<0.00001	<0.000005	<0.05	0.00008	0.000008	7.09	<0.0001	0.000488	0.00019	<0.00005	0.001	0.000028	0.0021	0.46
BR06-02	HC-36	0.00211	<0.00001	<0.000005	<0.05	0.00008	0.000006	6.53	<0.0001	0.000387	0.00012	<0.00005	0.002	0.000026	0.0021	0.40
BR06-02	HC-36	0.00218	<0.00001	<0.000005	<0.05	0.00008	<0.000005	6.74	<0.0001	0.000352	0.00013	<0.00005	0.002	0.000029	0.0019	0.40
BR06-02	HC-36	0.00219	<0.00001	<0.000005	<0.05	0.00007	0.000009	6.55	<0.0001	0.000333	0.00017	<0.00005	0.001	0.000022	0.0020	0.37
BR06-02	HC-36	0.00873	<0.00001	<0.000005	<0.05	0.00008	0.000007	7.79	<0.0001	0.000376	0.00012	<0.00005	0.001	0.000031	0.0022	0.42
BR06-02	HC-36	0.00234	<0.00001	<0.000005	<0.05	0.00007	<0.000005	6.49	<0.0001	0.000320	0.00012	<0.00005	<0.001	0.000024	0.0015	0.30
BR06-02	HC-36	0.00231	<0.00001	<0.000005	<0.05	0.00007	0.000005	6.30	<0.0001	0.000269	0.00012	<0.00005	0.002	0.000026	0.0017	0.31
BR06-02	HC-36	0.00256	<0.00001	<0.000005	<0.05	0.00008	0.000006	7.37	0.0004	0.000343	0.00025	<0.00005	0.026	0.000035	0.0016	0.33
BR06-02	HC-36	0.00237	<0.00001	<0.000005	<0.05	0.00007	0.000006	6.82	<0.0001	0.000336	0.00010	<0.00005	<0.001	0.000015	0.0017	0.30
BR06-02	HC-36	0.00246	<0.00001	<0.000005	<0.05	0.00007	0.000007	7.05	<0.0001	0.000390	0.00021	<0.00005	<0.001	0.000020	0.0015	0.31
BR06-02	HC-36	0.00256	<0.00001	<0.000005	<0.05	0.00009	0.000006	7.48	<0.0001	0.000423	0.00020	<0.00005	0.001	0.000023	0.0017	0.31
BR06-02	HC-36	0.00241	<0.00001	<0.000005	<0.05	0.00009	0.000008	7.14	<0.0001	0.000418	0.00014	<0.00005	0.002	0.000021	0.0015	0.28
BR06-02	HC-36	0.00263	<0.00001	<0.000005	<0.05	0.00007	0.000008	6.78	<0.0001	0.000365	0.00010	<0.00005	<0.001	0.000016	0.0015	0.27
BR06-02	HC-36	0.00241	<0.00001	<0.000005	<0.05	0.00008	0.000007	7.34	<0.0001	0.000440	0.00012	<0.00005	<0.001	0.000021	0.0015	0.24
BR06-02	HC-36	0.00237	<0.00001	<0.000005	<0.05	0.00008	0.000007	7.12	<0.0001	0.000403	0.00023	<0.00005	0.001	0.000019	0.0017	0.29
BR06-02	HC-36	0.00222	<0.00001	<0.000005	<0.05	0.00007	0.000006	6.25	<0.0001	0.000403	0.00022	<0.00005	<0.001	0.000023	0.0013	0.24
BR06-02	HC-36	0.00239	<0.00001	<0.000005	<0.05	0.00008	0.000011	6.91	<0.0001	0.000412	0.00014	<0.00005	0.001	0.000016	0.0013	0.24
BR06-02	HC-36	0.00247	<0.00001	<0.000005	<0.05	0.00008	0.000008	6.56	<0.0001	0.000404	0.00023	<0.00005	<0.001	0.000016	0.0011	0.26
BR06-02	HC-36	0.00228	<0.00001	<0.000005	<0.05	0.00007	0.000006	5.97	<0.0001	0.000342	0.00017	<0.00005	0.005	0.000012	0.0012	0.25
BR06-02	HC-36	0.00240	<0.00001	<0.000005	<0.05	0.00008	0.000009	6.44	<0.0001	0.000366	0.00025	<0.00005	<0.001	0.000017	0.0012	0.26
BR06-02	HC-36	0.00233	<0.00001	<0.000005	<0.05	0.00008	0.000005	6.79	<0.0001	0.000340	0.00019	<0.00005	0.004	0.000015	0.0014	0.27
BR06-02	HC-36	0.00210	<0.00001	<0.000005	<0.05	0.00007	0.000008	6.76	<0.0001	0.000390	0.00023	<0.00005	0.001	0.000013	0.0011	0.25
BR06-02	HC-36	0.00249	<0.00001	<0.000005	<0.05	0.00008	0.000005	7.87	<0.0001	0.000346	0.00013	<0.00005	<0.001	0.000018	0.0012	0.25
BR06-02	HC-36	0.00250	<0.00001	<0.000005	<0.05	0.00007	0.000007	7.25	<0.0001	0.000399	0.00013	<0.00005	0.001	0.000019	0.0012	0.26
BR06-02	HC-36	0.00286	<0.00001	<0.000005	<0.05	0.00008	0.000007	7.23	<0.0001	0.000438	0.00012	<0.00005	<0.001	0.000015	0.0012	0.27
BR06-02	HC-36															
BR06-02	HC-36	0.00250	<0.00001	<0.000005	<0.05	0.00007	0.000009	6.30	<0.0001	0.000365	0.00022	<0.00005	<0.001	0.000021	0.0012	0.25
BR06-02	HC-36															
BR06-02	HC-36	0.00259	<0.00001	<0.000005	<0.05	0.00007	0.000006	6.84	<0.0001	0.000386	0.00014	<0.00005	0.001	0.000029	0.0011	0.25
BR06-02	HC-36															
BR06-02	HC-36	0.00230	<0.00001	<0.000005	<0.05	0.00007	0.000005	6.13	<0.0001	0.000313	0.00012	<0.00005	<0.001	0.000053	0.0010	0.24
BR06-02	HC-36															
BR06-02	HC-36	0.00250	<0.00001	<0.000005	<0.05	0.00007	0.000006	6.94	<0.0001	0.000422	0.00015	<0.00005	0.001	0.000013	0.0011	0.28
BR06-02	HC-36															
BR06-02	HC-36	0.00283	<0.00001	<0.000005	<0.05	0.00007	0.000006	5.97	0.0002	0.000393	0.00018	0.00009	0.052	0.000089	0.0011	0.27
BR06-02	HC-36															
BR06-02	HC-36	0.00215	<0.00001	<0.000005	<0.05	0.00008	0.000005	5.50	<0.0001	0.000345	0.00007	<0.00005	<0.001	0.000017	0.0010	0.23
BR06-02	HC-36															
BR06-02	HC-36	0.00195	<0.00001	<0.000005	<0.05	0.00007	0.000006	5.64	<0.0001	0.000417	<0.00005	<0.00005	<0.001	0.000021	0.0027	0.24
BR06-02	HC-36															
BR06-02	HC-36	0.00242	<0.00001	<0.000005	<0.05	0.00007	0.000008	5.81	<0.0001	0.000527	0.00027	<0.00005	<0.001	0.000016	0.0010	0.26
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00226	<0.00001	<0.000005	<0.05	0.00007	<0.000005	5.06	<0.0001	0.000393	0.00008	<0.00005	0.006	0.000026	0.0006	0.25
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00279	<0.00001	<0.000005	<0.05	0.00009	0.000008	6.84	<0.0001	0.000555	0.00018	<0.00005	<0.001	0.000017	0.0016	0.34
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36	0.00650	<0.00001	0.003	0.00041	0.00034	1.55	0.00285	0.00026	1.2	<0.000005	0.30	0.0254	<10	<0.00002	0.000004
BR06-02	HC-36	0.00619	<0.00001	0.006	0.00040	0.00035	1.58	0.00275	0.00027	1.1	<0.000005	0.32	0.0248	<10	<0.00002	0.000003
BR06-02	HC-36	0.00670	<0.00001	0.007	0.00041	0.00048	1.36	0.00272	0.00026	1.1	<0.000005	0.28	0.0252	<10	<0.00002	0.000005
BR06-02	HC-36	0.00548	<0.00001	0.008	0.00029	0.00034	1.34	0.00259	0.00024	1.1	<0.000005	0.24	0.0216	<10	<0.00002	0.000005
BR06-02	HC-36	0.00550	<0.00001	0.005	0.00032	0.00033	1.34	0.00261	0.00025	1.1	<0.000005	0.24	0.0217	<10	<0.00002	0.000003
BR06-02	HC-36	0.00582	<0.00001	0.009	0.00029	0.00035	1.31	0.00261	0.00026	1.1	<0.000005	0.23	0.0212	<10	<0.00002	0.000004
BR06-02	HC-36	0.00659	<0.00001	0.006	0.00029	0.00047	1.48	0.00288	0.00032	1.4	<0.000005	0.26	0.0251	<10	<0.00002	0.000006
BR06-02	HC-36	0.00526	<0.00001	0.006	0.00026	0.00027	1.23	0.00245	0.00024	1.1	<0.000005	0.20	0.0189	<10	<0.00002	0.000004
BR06-02	HC-36	0.00481	<0.00001	0.002	0.00023	0.00021	1.20	0.00243	0.00021	1.0	<0.000005	0.20	0.0193	<10	<0.00002	0.000004
BR06-02	HC-36	0.00611	<0.00001	0.003	0.00028	0.00124	1.24	0.00280	0.00024	1.2	<0.000005	0.22	0.0202	<10	<0.00002	0.000003
BR06-02	HC-36	0.00564	<0.00001	<0.002	0.00026	0.00025	1.17	0.00256	0.00019	1.0	<0.000005	0.19	0.0195	<10	<0.00002	0.000003
BR06-02	HC-36	0.00609	<0.00001	0.003	0.00027	0.00046	1.19	0.00241	0.00020	1.0	<0.000005	0.21	0.0192	<10	<0.00002	0.000004
BR06-02	HC-36	0.00697	<0.00001	0.006	0.00034	0.00046	1.24	0.00281	0.00018	1.2	<0.000005	0.21	0.0197	<10	<0.00002	0.000005
BR06-02	HC-36	0.00689	<0.00001	0.003	0.00037	0.00031	1.11	0.00267	0.00019	1.1	<0.000005	0.18	0.0203	<10	<0.00002	0.000004
BR06-02	HC-36	0.00697	<0.00001	0.002	0.00038	0.00032	1.09	0.00234	0.00014	0.9	<0.000005	0.18	0.0176	<10	<0.00002	0.000004
BR06-02	HC-36	0.00697	<0.00001	0.005	0.00039	0.00034	1.15	0.00253	0.00016	1.0	<0.000005	0.16	0.0203	<10	<0.00002	0.000004
BR06-02	HC-36	0.00683	<0.00001	0.004	0.00042	0.00038	1.08	0.00259	0.00012	1.0	<0.000005	0.20	0.0190	<10	<0.00002	0.000004
BR06-02	HC-36	0.00681	<0.00001	0.003	0.00029	0.00058	0.92	0.00230	0.00011	0.9	<0.000005	0.16	0.0170	<10	<0.00002	0.000003
BR06-02	HC-36	0.00742	<0.00001	0.003	0.00030	0.00392	1.01	0.00255	0.00013	0.9	<0.000005	0.17	0.0177	<10	<0.00002	0.000003
BR06-02	HC-36	0.00727	<0.00001	0.004	0.00036	0.00034	0.90	0.00263	0.00015	0.9	<0.000005	0.17	0.0179	<10	<0.00002	0.000003
BR06-02	HC-36	0.00626	<0.00001	0.002	0.00032	0.00032	0.97	0.00234	0.00011	0.9	<0.000005	0.17	0.0164	<10	<0.00002	0.000003
BR06-02	HC-36	0.00668	<0.00001	0.003	0.00029	0.00253	0.98	0.00256	0.00013	0.9	<0.000005	0.17	0.0164	<10	<0.00002	0.000003
BR06-02	HC-36	0.00684	<0.00001	0.006	0.00033	0.00045	1.02	0.00258	0.00010	0.9	<0.000005	0.20	0.0170	<10	<0.00002	0.000005
BR06-02	HC-36	0.00685	<0.00001	0.004	0.00029	0.00151	0.93	0.00236	0.00013	1.0	<0.000005	0.16	0.0152	<10	<0.00002	0.000004
BR06-02	HC-36	0.00655	<0.00001	0.006	0.00032	0.00039	0.97	0.00254	0.00013	1.1	<0.000005	0.16	0.0160	<10	<0.00002	0.000002
BR06-02	HC-36	0.00721	<0.00001	0.004	0.00034	0.00092	0.97	0.00245	0.00010	1.1	<0.000005	0.16	0.0175	<10	<0.00002	0.000003
BR06-02	HC-36	0.00775	<0.00001	0.004	0.00036	0.00049	0.96	0.00251	0.00009	1.0	<0.000005	0.15	0.0172	<10	<0.00002	0.000005
BR06-02	HC-36															
BR06-02	HC-36	0.00632	<0.00001	0.004	0.00033	0.00068	0.89	0.00237	0.00008	0.9	<0.000005	0.15	0.0146	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36	0.00732	<0.00001	<0.002	0.00041	0.00047	0.88	0.00232	0.00009	0.9	<0.000005	0.15	0.0153	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36	0.00590	<0.00001	0.002	0.00043	0.00040	0.89	0.00224	0.00008	1.0	<0.000005	0.14	0.0136	<10	<0.00002	0.000003
BR06-02	HC-36															
BR06-02	HC-36	0.00720	<0.00001	0.003	0.00039	0.00049	0.92	0.00229	0.00009	1.0	<0.000005	0.15	0.0141	<10	<0.00002	0.000005
BR06-02	HC-36															
BR06-02	HC-36	0.00650	<0.00001	0.002	0.00039	0.00052	0.86	0.00231	0.00006	0.9	<0.000005	0.15	0.0128	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36	0.00579	<0.00001	<0.002	0.00031	0.00044	0.79	0.00232	0.00009	1.0	<0.000005	0.14	0.0121	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36	0.00644	0.00001	0.003	0.00039	0.00052	0.73	0.00243	0.00009	0.9	<0.000005	0.12	0.0133	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36	0.00730	<0.00001	<0.002	0.00037	0.00085	0.78	0.00247	0.00009	0.8	<0.000005	0.13	0.0129	<10	<0.00002	0.000007
BR06-02	HC-36															
BR06-02	HC-36	0.00600	<0.00001	<0.002	0.00034	0.00048	0.78	0.00228	0.00007	0.8	<0.000005	0.13	0.0108	<10	<0.00002	0.000005
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00799	<0.00001	0.007	0.00041	0.00076	0.97	0.00303	0.00009	1.1	<0.000005	0.18	0.0143	<10	<0.00002	0.000005
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00676	0.0010	0.0005	<0.0001	<0.002				0.44	0.47	-3.38
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00625	0.0010	0.0005	<0.0001	<0.002				0.53	0.45	7.58
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00595	0.0010	0.0004	<0.0001	<0.002				0.46	0.46	0.98
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00004	0.00479	0.0010	0.0002	<0.0001	<0.002				0.42	0.42	-0.72
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00480	0.0010	0.0003	<0.0001	<0.002				0.45	0.43	2.15
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00004	0.00455	0.0009	0.0002	<0.0001	<0.002				0.40	0.42	-2.46
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00460	0.0012	0.0020	<0.0001	<0.002				0.50	0.50	0.30
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00005	0.00432	0.0008	0.0003	<0.0001	<0.002				0.42	0.40	1.94
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00406	0.0009	0.0003	<0.0001	0.008				0.40	0.40	0.37
BR06-02	HC-36	<0.000005	0.0007	<0.0005	0.00004	0.00400	0.0009	0.0008	<0.0001	<0.002				0.44	0.45	-1.57
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00373	0.0009	0.0003	<0.0001	<0.002				0.42	0.42	-0.12
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00004	0.00339	0.0007	0.0004	<0.0001	<0.002				0.41	0.43	-3.23
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00004	0.00344	0.0008	0.0005	<0.0001	<0.002				0.43	0.46	-2.58
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00287	0.0007	0.0005	<0.0001	<0.002				0.42	0.43	-1.17
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00278	0.0007	0.0003	<0.0001	<0.002				0.40	0.41	-1.86
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00299	0.0007	0.0005	<0.0001	<0.002				0.39	0.44	-5.67
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00004	0.00306	0.0006	0.0004	<0.0001	<0.002				0.43	0.43	0.00
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00227	0.0007	0.0014	0.0002	<0.002				0.36	0.38	-2.03
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00263	0.0005	0.0004	<0.0001	<0.002				0.39	0.41	-2.49
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00230	0.0007	0.0005	<0.0001	<0.002				0.39	0.39	-0.77
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00220	0.0006	0.0003	<0.0001	<0.002				0.374	0.365	1.22
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00225	0.0005	0.0010	<0.0001	<0.002				0.367	0.389	-2.91
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00224	0.0004	0.0004	<0.0001	<0.002				0.346	0.411	-8.59
BR06-02	HC-36	<0.000005	<0.0002	0.0005	0.00002	0.00212	0.0006	0.0008	<0.0001	<0.002				0.409	0.402	0.860
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00004	0.00216	0.0006	0.0003	<0.0001	<0.002				0.409	0.460	-5.87
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00196	0.0005	0.0005	<0.0001	<0.002				0.404	0.429	-3.00
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00193	0.0005	0.0004	<0.0001	<0.002				0.431	0.428	0.350
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00149	0.0004	0.0006	<0.0001	<0.002				0.360	0.377	-2.31
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00141	0.0004	0.0002	<0.0001	0.003				0.363	0.404	-5.35
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.00117	0.0005	0.0002	<0.0001	<0.002				0.394	0.369	3.28
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00121	0.0005	0.0005	<0.0001	<0.002				0.363	0.413	-6.44
BR06-02	HC-36															
BR06-02	HC-36	0.000008	<0.0002	0.0021	0.00002	0.00101	0.0006	0.0003	<0.0001	<0.002				0.338	0.364	-3.70
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.000937	0.0005	0.0003	<0.0001	<0.002				0.322	0.332	-1.53
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00108	0.0003	0.0003	<0.0001	<0.002				0.329	0.336	-1.05
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00110	0.0003	0.0003	<0.0001	<0.002				0.338	0.347	-1.31
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00003	0.000865	0.0003	0.0002	<0.0001	<0.002				0.320	0.310	1.59
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.00110	0.0004	0.0012	<0.0001	<0.002				0.297	0.415	-16.6
BR06-02	HC-36															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	66	19-Jan-15	500	490	7.34	34
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	67	26-Jan-15	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	68	02-Feb-15	500	475	7.39	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	69	09-Feb-15	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	70	16-Feb-15	500	480	7.37	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	71	23-Feb-15	500	480		31
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	72	02-Mar-15	500	485	7.33	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	73	09-Mar-15	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	74	16-Mar-15	500	480	7.44	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	75	23-Mar-15	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	76	30-Mar-15	500	485	7.42	32
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	77	06-Apr-15	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	78	13-Apr-15	500	480	7.36	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	79	20-Apr-15	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	80	27-Apr-15	500	475	7.35	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	81	04-May-15	500	495		33
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	82	11-May-15	500	480	7.36	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	83	18-May-15	500	500		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	84	25-May-15	500	500	7.38	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	85	01-Jun-15	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	86	08-Jun-15	500	475	7.38	29
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	87	15-Jun-15	500	495		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	88	22-Jun-15	500	485	7.41	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	89	29-Jun-15	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	90	06-Jul-15	500	485	7.19	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	91	13-Jul-15	500	485		26
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	92	20-Jul-15	500	485	7.17	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	93	27-Jul-15	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	94	03-Aug-15	500	480	7.16	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	95	10-Aug-15	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	96	17-Aug-15	500	490	7.17	26
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	97	24-Aug-15	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	98	31-Aug-15	500	465	7.18	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	99	07-Sep-15	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	100	14-Sep-15	500	475	7.11	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	101	21-Sep-15	500	490		22
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	102	28-Sep-15	500	490	7.09	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	103	05-Oct-15	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	104	12-Oct-15	500	485	7.02	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	105	19-Oct-15	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	106	26-Oct-15	500	490	7.04	26
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	107	02-Nov-15	500	495		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	108	09-Nov-15	500	480	6.97	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	109	16-Nov-15	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	110	23-Nov-15	500	490	7.03	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	111	30-Nov-15	500	490		23
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	112	07-Dec-15	500	480	7.00	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	113	14-Dec-15	500	495		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	114	21-Dec-15	500	485	6.99	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	115	28-Dec-15	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	116	04-Jan-16	500	490	6.92	20

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	145	6.8	<0.5	<0.5	7.0			<0.5					14.1	0.0804	0.00002	0.00707
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	150	5.7	<0.5	<0.5	7.0			<0.5					11.8	0.0707	<0.00002	0.00567
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	150	6.2	<0.5	<0.5	5.8			<0.5					13.0	0.0828	0.00002	0.00573
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	130	6.0	<0.5	<0.5	6.2			<0.5					12.2	0.0696	<0.00002	0.00490
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	125	4.9	<0.5	<0.5	6.0			<0.5					11.2	0.0555	0.00002	0.00439
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	110	6.4	<0.5	<0.5	5.8			<0.5					11.0	0.0571	<0.00002	0.00399
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	110	5.8	<0.5	<0.5	4.7			<0.5					10.1	0.0586	<0.00002	0.00364
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	130	6.3	<0.5	<0.5	4.6			<0.5					10.2	0.0376	<0.00002	0.00282
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	130	5.3	<0.5	<0.5	4.3			<0.5					8.8	0.0383	<0.00002	0.00251
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	140	6.0	<0.5	<0.5	3.4			0.6					9.7	0.0319	0.00002	0.00225
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	130	6.5	<0.5	<0.5	4.3			0.9					9.2	0.0284	<0.00002	0.00234
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	130	5.1	<0.5	<0.5	3.4			<0.5					8.4	0.0303	<0.00002	0.00168
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	140	5.2	<0.5	0.8	4.0			<0.5					7.6	0.0216	0.00003	0.00135

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00253	<0.00001	<0.000005	<0.05	0.00007	0.000047	5.18	<0.0001	0.000590	0.00013	<0.00005	0.001	0.000020	0.0006	0.29
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00205	<0.00001	<0.000005	<0.05	0.00007	0.000007	4.28	<0.0001	0.000560	0.00006	<0.00005	<0.001	0.000008	0.0009	0.27
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00242	<0.00001	<0.000005	<0.05	0.00007	0.000007	4.73	<0.0001	0.000606	0.00020	<0.00005	0.011	0.000017	0.0009	0.29
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00248	<0.00001	<0.000005	<0.05	0.00007	0.000040	4.44	0.0001	0.000694	0.00015	<0.00005	0.001	0.000009	0.0007	0.28
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00232	<0.00001	<0.000005	<0.05	0.00006	0.000017	4.03	<0.0001	0.000876	0.00007	<0.00005	<0.001	0.000011	0.0008	0.27
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00250	<0.00001	<0.000005	<0.05	0.00006	0.000051	3.93	<0.0001	0.000907	0.00009	<0.00005	<0.001	0.000017	0.0008	0.29
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00258	<0.00001	<0.000005	<0.05	0.00007	0.000012	3.57	<0.0001	0.00111	0.00010	<0.00005	0.002	0.000011	0.0009	0.29
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00278	<0.00001	<0.000005	<0.05	0.00007	0.000020	3.58	<0.0001	0.00153	0.00023	<0.00005	0.001	0.000037	0.0008	0.30
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00230	<0.00001	<0.000005	<0.05	0.00006	0.000013	3.09	<0.0001	0.00147	0.00012	<0.00005	<0.001	0.000013	0.0009	0.27
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00317	<0.00001	<0.000005	<0.05	0.00007	0.000020	3.36	<0.0001	0.00181	0.00020	<0.00005	0.003	0.000030	0.0009	0.32
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00266	<0.00001	<0.000005	<0.05	0.00007	0.000024	3.20	<0.0001	0.00202	0.00017	<0.00005	0.001	0.000020	0.0008	0.30
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00263	<0.00001	<0.000005	<0.05	0.00006	0.000020	2.91	<0.0001	0.00220	0.00011	<0.00005	0.002	0.000016	0.0007	0.28
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00364	<0.00001	<0.000005	<0.05	0.00006	0.000030	2.61	<0.0001	0.00307	0.00086	0.00007	<0.001	0.000113	0.0009	0.25

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00832	<0.00001	<0.002	0.00035	0.00083	0.78	0.00217	0.00005	0.8	<0.000005	0.15	0.0109	<10	<0.00002	0.000009
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00780	<0.00001	0.005	0.00025	0.00081	0.72	0.00210	0.00004	0.9	<0.000005	0.12	0.00961	<10	<0.00002	0.000005
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00819	<0.00001	0.002	0.00026	0.00115	0.80	0.00233	<0.00004	0.9	<0.000005	0.14	0.0103	<10	<0.00002	0.000007
BR06-02	HC-36															
BR06-02	HC-36	0.00906	<0.00001	0.003	0.00023	0.00116	0.69	0.00216	<0.00004	0.9	<0.000005	0.13	0.00952	<10	<0.00002	<0.000002
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0104	<0.00001	<0.002	0.00021	0.00128	0.65	0.00216	0.00005	0.8	<0.000005	0.12	0.00974	<10	<0.00002	0.000006
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0104	<0.00001	<0.002	0.00021	0.00169	0.64	0.00222	0.00004	0.9	<0.000005	0.13	0.00952	<10	<0.00002	0.000005
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0113	<0.00001	0.006	0.00020	0.00187	0.68	0.00221	<0.00004	0.9	<0.000005	0.14	0.00971	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0135	<0.00001	0.003	0.00020	0.00280	0.68	0.00217	<0.00004	0.7	<0.000005	0.13	0.00925	<10	<0.00002	0.000005
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0122	<0.00001	0.008	0.00017	0.00261	0.62	0.00199	<0.00004	0.8	<0.000005	0.13	0.00860	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0152	<0.00001	0.004	0.00018	0.00345	0.69	0.00227	<0.00004	0.8	<0.000005	0.13	0.0100	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0160	<0.00001	0.004	0.00016	0.00412	0.68	0.00232	0.00004	0.9	<0.000005	0.15	0.00962	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0165	<0.00001	0.004	0.00014	0.0045	0.64	0.00209	<0.00004	0.8	<0.000005	0.13	0.00934	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0172	<0.00001	0.002	0.00013	0.0066	0.60	0.00210	<0.00004	0.8	<0.000005	0.14	0.00932	<10	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.000823	0.0003	0.0033	<0.0001	<0.002				0.472	0.318	19.5
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.000603	0.0004	0.0004	<0.0001	<0.002				0.259	0.267	-1.52
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.000637	0.0004	0.0013	<0.0001	<0.002				0.244	0.297	-9.80
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.000531	0.0003	0.0045	<0.0001	<0.002				0.248	0.276	-5.34
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.000357	0.0002	0.0008	<0.0001	<0.002				0.221	0.252	-6.55
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.000396	0.0002	0.0029	<0.0001	<0.002				0.247	0.249	-0.400
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00002	0.000336	0.0003	0.0010	<0.0001	<0.002				0.215	0.233	-4.02
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.000309	0.0002	0.0052	<0.0001	<0.002				0.224	0.232	-1.75
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.000255	0.0009	0.0018	<0.0001	<0.002				0.196	0.203	-1.75
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.000288	0.0011	0.0018	<0.0001	<0.002				0.208	0.221	-3.03
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.000224	<0.0002	0.0026	<0.0001	<0.002				0.245	0.212	7.22
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.000202	0.0005	0.0017	<0.0001	<0.002				0.173	0.194	-5.72
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00018	0.0003	0.0029	<0.0001	<0.002				0.122	0.176	-18.1

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	117	11-Jan-16	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	118	18-Jan-16	500	490	6.95	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	119	25-Jan-16	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	120	01-Feb-16	500	470	6.82	25
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	121	08-Feb-16	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	122	15-Feb-16	500	450	6.87	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	123	22-Feb-16	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	124	29-Feb-16	500	475	6.69	27
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	125	07-Mar-16	500	455		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	126	14-Mar-16	500	480	6.39	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	127	21-Mar-16	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	128	28-Mar-16	500	450	6.17	41
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	129	04-Apr-16	500	450		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	130	11-Apr-16	500	495	6.33	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	131	18-Apr-16	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	132	25-Apr-16	500	450	6.51	33
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	133	02-May-16	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	134	09-May-16	500	470	5.14	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	135	16-May-16	500	455		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	136	23-May-16	500	485	5.09	70
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	137	30-May-16	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	138	06-Jun-16	500	475	4.60	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	139	13-Jun-16	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	140	20-Jun-16	500	455	4.21	108
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	141	27-Jun-16	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	142	04-Jul-16	500	470	4.29	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	143	11-Jul-16	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	144	18-Jul-16	500	465	3.96	132
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	145	25-Jul-16	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	146	01-Aug-16	500	470	4.07	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	147	08-Aug-16	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	148	15-Aug-16	500	470	3.85	189
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	149	22-Aug-16	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	150	29-Aug-16	500	475	3.89	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	151	05-Sep-16	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	152	12-Sep-16	500	485	3.88	166
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	153	19-Sep-16	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	154	26-Sep-16	500	470	3.94	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	155	03-Oct-16	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	156	10-Oct-16	500	455	3.71	214
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	157	17-Oct-16	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	158	24-Oct-16	500	475	3.87	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	159	31-Oct-16	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	160	07-Nov-16	500	455	3.86	181
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	161	14-Nov-16	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	162	21-Nov-16	500	465	3.89	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	163	28-Nov-16	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	164	05-Dec-16	500	470	3.82	187
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	165	12-Dec-16	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	166	19-Dec-16	500	465	3.78	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	167	26-Dec-16	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	150	6.7	<0.5	<0.5	3.4			0.5					9.0	0.0177	<0.00002	0.00101
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	130	7.1	<0.5	<0.5	2.4			<0.5					9.0	0.0145	<0.00002	0.00030
BR06-02	HC-36																
BR06-02	HC-36	140	13.0	<0.5	<0.5	<0.5			<0.5					12.7	0.0080	<0.00002	0.00057
BR06-02	HC-36																
BR06-02	HC-36	135	9.6	<0.5	<0.5	2.4			0.8					11.0	0.0058	<0.00002	0.00019
BR06-02	HC-36																
BR06-02	HC-36	155	28.4	<0.5	11.2	<0.5			<0.5					18.5	0.0877	<0.00002	0.00044
BR06-02	HC-36																
BR06-02	HC-36	160	34.5	1.1	21.6	<0.5			0.6					18.5	0.57	<0.00002	0.00020
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	210	44.3	2.8	30.7	<0.5			0.5					19.8	0.61	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36	220	64.1	7.1	43.5	<0.5			<0.5					20.0	1.50	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36	240	48.2	10.1	35.9	<0.5			<0.5					19.5	1.14	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36	175	67.3	11.4	46.3	<0.5			<0.5					23.8	2.10	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36	260	54.0	8.0	33.0	<0.5			<0.5					24.1	1.35	<0.00002	0.00004
BR06-02	HC-36																
BR06-02	HC-36	270	52.1	12.3	35.4	<0.5			<0.5					23.2	1.74	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00456	<0.00001	<0.000005	<0.05	0.00007	0.000058	3.10	<0.0001	0.00617	0.00040	0.00020	0.009	0.000076	0.0010	0.30
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00745	<0.00001	<0.000005	<0.05	0.00008	0.000113	3.10	<0.0001	0.0110	0.00132	0.00309	0.064	0.000030	0.0012	0.31
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0200	0.00001	<0.000005	<0.05	0.00014	0.000341	4.27	<0.0001	0.0362	0.0106	0.0184	0.586	0.000357	0.0013	0.48
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0158	<0.00001	<0.000005	<0.05	0.00011	0.000237	3.75	0.0002	0.0222	0.00248	0.00694	0.033	0.000024	0.0018	0.41
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0274	0.00003	<0.000005	<0.05	0.00015	0.000967	5.81	<0.0001	0.0699	0.00840	0.0371	4.29	0.00194	0.0022	0.96
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0411	0.00009	<0.000005	<0.05	0.00020	0.001020	5.59	0.0001	0.0946	0.01450	0.12800	6.95	0.008360	0.0033	1.10
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0443	0.00012	<0.000005	<0.05	0.00021	0.001110	6.07	0.0001	0.1020	0.01110	0.1240	11.8	0.01000	0.0046	1.12
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0495	0.00024	<0.000005	<0.05	0.00037	0.001630	5.80	0.0005	0.1650	0.02050	0.27900	13.4	0.020800	0.0061	1.35
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0404	0.00023	<0.000005	<0.05	0.00050	0.001000	5.54	0.0003	0.0894	0.01700	0.1990	9.58	0.01770	0.0077	1.37
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0446	0.00039	<0.000005	<0.05	0.00087	0.001540	6.61	0.0006	0.1660	0.03320	0.3580	10.4	0.02460	0.0098	1.78
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0493	0.00027	<0.000005	<0.05	0.00074	0.001080	6.78	0.0004	0.1060	0.02920	0.20400	6.69	0.019500	0.0097	1.74
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0477	0.00036	<0.000005	<0.05	0.00068	0.001040	6.42	0.0005	0.1040	0.03160	0.2540	6.36	0.02200	0.0111	1.73
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0251	<0.00001	0.004	0.00012	0.0105	0.63	0.00237	<0.00004	0.9	<0.000005	0.15	0.01058	<10	<0.00002	0.000004
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0311	<0.00001	<0.002	0.00010	0.0164	0.67	0.00277	<0.00004	0.9	<0.000005	0.14	0.0127	<10	<0.00002	0.000006
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0735	<0.00001	<0.002	0.00011	0.0498	0.76	0.00337	<0.00004	1.2	<0.000005	0.19	0.0235	<10	<0.00002	0.000008
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0503	<0.00001	0.010	0.00011	0.0334	0.69	0.00283	0.00005	1.0	<0.000005	0.19	0.0181	<10	<0.00002	0.000007
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1950	<0.00001	0.004	<0.00005	0.1240	0.87	0.00368	0.00012	2.8	<0.000005	0.28	0.0423	<10	<0.00002	0.000016
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1570	<0.00001	0.004	<0.00005	0.2450	1.20	0.00519	0.00026	2.2	<0.000005	0.31	0.0463	12	<0.00002	0.000021
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1480	0.00004	<0.002	<0.00005	0.3140	1.38	0.00600	0.00042	2.7	<0.000005	0.32	0.0428	16	<0.00002	0.000024
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1540	<0.00001	0.002	<0.00005	0.5370	1.56	0.00852	0.00050	2.7	<0.000005	0.35	0.0440	19	<0.00002	0.000032
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1430	<0.00001	0.006	<0.00005	0.2990	1.81	0.00912	0.00036	3.1	<0.000005	0.38	0.0377	17	0.00003	0.000031
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1830	<0.00001	0.003	<0.00005	0.5470	1.95	0.01480	0.00043	3.2	<0.000005	0.46	0.0495	21	<0.00002	0.000052
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1730	<0.00001	0.004	<0.00005	0.3620	2.11	0.01250	0.00035	3.7	<0.000005	0.46	0.0485	17	<0.00002	0.000047
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.1570	<0.00001	0.002	<0.00005	0.3700	2.18	0.01210	0.00035	4.0	0.000005	0.48	0.0464	19	0.00002	0.000036
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00023	<0.0002	0.0083	<0.0001	<0.002				0.224	0.205	4.43
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00033	0.0003	0.0181	<0.0001	0.005				0.196	0.210	-3.45
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00127	<0.0002	0.0730	<0.0001	<0.002				0.272	0.309	-6.37
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000011	<0.0002	<0.0005	<0.00001	0.00044	<0.0002	0.0424	<0.0001	<0.002				0.271	0.252	3.63
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00312	<0.0002	0.1470	<0.0001	<0.002				0.59	0.59	0.34
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000052	<0.0002	<0.0005	0.00001	0.01210	<0.0002	0.2050	<0.0001	<0.002				0.74	0.80	-4.30
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000063	<0.0002	<0.0005	<0.00001	0.01320	<0.0002	0.2230	<0.0001	<0.002				0.94	1.06	-5.96
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000678	<0.0002	<0.0005	0.00001	0.03100	<0.0002	0.2770	<0.0001	<0.002				1.33	1.26	2.93
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000256	<0.0002	0.0007	0.00001	0.02110	<0.0002	0.2010	<0.0001	<0.002				1.01	1.07	-2.95
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000553	<0.0002	<0.0005	0.00002	0.03680	<0.0002	0.2720	<0.0001	<0.002				1.40	1.37	1.34
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000195	<0.0002	<0.0005	0.00004	0.02490	<0.0002	0.2040	<0.0001	<0.002				1.13	1.10	1.26
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000229	<0.0002	<0.0005	0.00001	0.02800	<0.0002	0.2000	<0.0001	<0.002				1.09	1.12	-1.77
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	168	02-Jan-17	500	450	3.73	223
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	169	09-Jan-17	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	170	16-Jan-17	500	470	3.89	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	171	23-Jan-17	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	172	30-Jan-17	500	455	3.90	155
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	173	06-Feb-17	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	174	13-Feb-17	500	470	3.92	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	175	20-Feb-17	500	460		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	176	27-Feb-17	500	470	3.88	155
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	177	06-Mar-17	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	178	13-Mar-17	500	465	3.90	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	179	20-Mar-17	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	180	27-Mar-17	500	490	3.93	134
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	181	03-Apr-17	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	182	10-Apr-17	500	465	3.87	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	183	17-Apr-17	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	184	24-Apr-17	500	490	3.92	124
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	185	01-May-17	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	186	08-May-17	500	480	3.88	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	187	15-May-17	500	460		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	188	22-May-17	500	470	3.89	168
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	189	29-May-17	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	190	05-Jun-17	500	470	3.95	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	191	12-Jun-17	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	192	19-Jun-17	500	485	3.96	136
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	193	26-Jun-17	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	194	03-Jul-17	500	455	3.86	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	195	10-Jul-17	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	196	17-Jul-17	500	455	4.00	122
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	197	24-Jul-17	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	198	31-Jul-17	500	475	4.02	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	199	7-Aug-17	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	200	14-Aug-17	500	475	4.07	95
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	201	21-Aug-17	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	202	28-Aug-17	500	475	4.07	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	203	4-Sep-17	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	204	11-Sep-17	500	485	4.07	95.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	205	18-Sep-17	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	206	25-Sep-17	500	455	4.00	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	207	02-Oct-17	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	208	09-Oct-17	500	490	3.96	112
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	209	16-Oct-17	500	460		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	210	23-Oct-17	500	470	4.03	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	211	30-Oct-17	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	212	06-Nov-17	500	480	4.09	94.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	213	13-Nov-17	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	214	20-Nov-17	500	475	4.08	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	215	27-Nov-17	500	460		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	216	04-Dec-17	500	485	4.05	90.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	217	11-Dec-17	500	455		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	218	18-Dec-17	500	470	4.05	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36	290	69.9	10.9	42.7	<0.5			0.5					30.7	2.09	<0.00002	0.00053
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	290	40.1	6.8	22.8	<0.5			0.6					20.7	1.17	<0.00002	0.00006
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	310	39.3	8.3	23.5	<0.5			<0.5					22.5	1.30	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	340	32.9	6.5	18.5	<0.5			<0.5					18.4	0.760	<0.00002	0.00025
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	360	33.6	5.9	17.4	<0.5			<0.5					18.5	0.840	0.00003	0.00020
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	350	47.3	8.6	26.4	<0.5			0.7					22.8	1.63	<0.00002	0.00007
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	350	35.2	5.8	17.1	<0.5			0.5					17.1	0.937	<0.00002	0.00010
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	375	30.0	4.1	16.7	<0.5			<0.5					17.6	0.993	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	340	24.9	3.5	12.4	<0.5			<0.5					15.5	0.597	0.00005	0.00005
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	350	24.9	4.5	12.8	<0.5			<0.5					14.4	0.641	0.00004	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	345	27.8	3.6	13.4	<0.5			<0.5					17.2	0.992	<0.00002	0.00012
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	350	29.3	5.6	15.2	<0.5			0.6					14.0	0.727	<0.00002	0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	360	22.8	3.0	11.7	<0.5			<0.5					14.6	0.791	<0.00002	0.00005
BR06-02	HC-36																
BR06-02	HC-36																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36	0.0396	0.00042	<0.000005	<0.05	0.00082	0.001430	8.46	0.0006	0.1780	0.04310	0.33400	8.05	0.026400	0.0135	2.33
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0377	0.00026	<0.000005	<0.05	0.00085	0.000646	5.65	0.0003	0.0734	0.0269	0.152	3.45	0.0152	0.0099	1.60
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0493	0.00028	<0.000005	<0.05	0.00091	0.000850	6.43	0.0004	0.0794	0.0298	0.150	3.56	0.0183	0.0109	1.57
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0367	0.00020	<0.000005	<0.05	0.00070	0.000489	5.19	0.0002	0.0496	0.0196	0.0881	2.64	0.0132	0.0094	1.31
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0414	0.00021	<0.000005	<0.05	0.00070	0.000540	5.27	0.0002	0.0574	0.0213	0.0925	2.29	0.0146	0.0096	1.29
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0406	0.00035	<0.000005	<0.05	0.00089	0.00107	6.38	0.0005	0.145	0.0439	0.216	3.76	0.0200	0.0121	1.66
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0372	0.00021	<0.000005	<0.05	0.00077	0.000570	4.77	0.0003	0.0620	0.0260	0.116	1.67	0.0128	0.0089	1.26
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0359	0.00022	<0.000005	<0.05	0.00070	0.000570	4.89	0.0003	0.0632	0.0273	0.107	0.638	0.0117	0.0091	1.31
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0252	0.00014	<0.000005	<0.05	0.00064	0.000301	4.46	0.0001	0.0301	0.0124	0.0645	0.94	0.00735	0.0067	1.06
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0257	0.00017	<0.000005	<0.05	0.00056	0.000307	4.01	0.0001	0.0313	0.0145	0.0661	0.623	0.00748	0.0076	1.06
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0314	0.00023	<0.000005	<0.05	0.00080	0.000460	4.83	0.0002	0.0432	0.0218	0.103	0.107	0.00972	0.0086	1.25
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0267	0.00019	<0.000005	<0.05	0.00074	0.000308	3.97	0.0001	0.0297	0.0176	0.0767	0.186	0.00745	0.0075	1.00
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0286	0.00020	<0.000005	<0.05	0.00068	0.000378	4.24	0.0002	0.0316	0.0192	0.0783	0.113	0.00770	0.0076	0.97
BR06-02	HC-36															
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36	0.1980	<0.00001	0.007	<0.00005	0.5990	2.62	0.01500	0.00045	4.2	0.000008	0.58	0.0587	23	0.00006	0.000049
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.128	<0.00001	0.009	<0.00005	0.262	1.90	0.0133	0.00026	3.8	0.000005	0.44	0.0373	15	0.00015	0.000048
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.130	<0.00001	0.004	<0.00005	0.292	2.10	0.0139	0.00027	4.1	0.000007	0.51	0.0435	16	<0.00002	0.000044
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.111	<0.00001	<0.002	<0.00005	0.166	1.74	0.00991	0.00020	3.7	0.000006	0.43	0.0345	12	0.00003	0.000033
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.113	<0.00001	0.002	<0.00005	0.196	1.64	0.0105	0.00020	3.7	0.000007	0.44	0.0351	12	0.00003	0.000039
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.132	<0.00001	<0.002	<0.00005	0.526	2.25	0.0137	0.00029	3.7	0.000008	0.56	0.0412	16	<0.00002	0.000056
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.101	<0.00001	0.004	<0.00005	0.224	1.59	0.0102	0.00018	3.2	0.000007	0.42	0.0299	11	0.00006	0.000043
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0963	<0.00001	0.003	<0.00005	0.232	1.48	0.00965	0.00017	3.3	0.000006	0.42	0.0283	11	<0.00002	0.000045
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0708	<0.00001	0.006	<0.00005	0.111	1.13	0.00702	0.00012	3	<0.000005	0.37	0.0247	<10	<0.00002	0.000035
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0733	<0.00001	<0.002	<0.00005	0.124	1.15	0.00671	0.00013	3.0	0.000006	0.44	0.0241	<10	0.00004	0.000032
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0699	<0.00001	0.003	<0.00005	0.167	1.48	0.0102	0.00014	3.3	0.000007	0.46	0.0241	<10	<0.00002	0.000042
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0629	<0.00001	0.003	<0.00005	0.111	1.14	0.00798	0.00011	3.4	0.000007	0.42	0.0202	<10	<0.00002	0.000037
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0599	<0.00001	0.010	<0.00005	0.117	1.43	0.00832	0.00009	3.0	0.000008	0.57	0.0209	<10	<0.00002	0.000036
BR06-02	HC-36															
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36	0.000359	<0.0002	<0.0005	0.00001	0.03510	<0.0002	0.2740	<0.0001	<0.002				1.47	1.43	1.38
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000100	<0.0002	<0.0005	<0.00001	0.0165	<0.0002	0.151	<0.0001	<0.002				0.85	0.87	-0.99
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000069	<0.0002	0.0005	<0.00001	0.0160	<0.0002	0.153	<0.0001	<0.002				0.82	0.94	-6.93
BR06-02	HC-36															
BR06-02	HC-36	0.000027	<0.0002	<0.0005	<0.00001	0.0106	<0.0002	0.120	<0.0001	<0.002				0.69	0.74	-3.52
BR06-02	HC-36															
BR06-02	HC-36	0.000027	<0.0002	<0.0005	<0.00001	0.0113	<0.0002	0.134	<0.0001	<0.002				0.70	0.74	-2.44
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000111	<0.0002	<0.0005	<0.00001	0.0248	<0.0002	0.238	<0.0001	<0.002				1.01	1.00	0.50
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000038	<0.0002	<0.0005	<0.00001	0.0134	<0.0002	0.142	<0.0001	<0.002				0.75	0.68	4.48
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000034	<0.0002	<0.0005	<0.00001	0.0126	<0.0002	0.140	<0.0001	<0.002				0.63	0.65	-1.96
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000006	<0.0002	<0.0005	<0.00001	0.00586	<0.0002	0.0846	<0.0001	<0.002				0.52	0.55	-2.54
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000009	<0.0002	<0.0005	<0.00001	0.00651	<0.0002	0.0926	<0.0001	<0.002				0.52	0.52	-0.19
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000012	<0.0002	<0.0005	<0.00001	0.00940	<0.0002	0.101	<0.0001	<0.002				0.58	0.63	-4.38
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000007	<0.0002	<0.0005	<0.00001	0.00703	<0.0002	0.0905	<0.0001	<0.002				0.63	0.50	11.1
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000015	<0.0002	<0.0005	<0.00001	0.00639	<0.0002	0.0954	<0.0001	<0.002				0.47	0.54	-6.51
BR06-02	HC-36															
BR06-02	HC-36															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	219	25-Dec-17	500	495		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	220	01-Jan-18	500	475	4.03	94
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	221	08-Jan-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	222	15-Jan-18	500	470	3.95	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	223	22-Jan-18	500	495		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	224	29-Jan-18	500	465	3.82	158.0
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	225	05-Feb-18	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	226	12-Feb-18	500	495	3.89	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	227	19-Feb-18	500	450		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	228	26-Feb-18	500	480	3.89	120
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	229	05-Mar-18	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	230	12-Mar-18	500	455	3.89	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	231	19-Mar-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	232	26-Mar-18	500	475	3.95	106
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	233	02-Apr-18	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	234	09-Apr-18	500	475	3.97	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	235	16-Apr-18	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	236	23-Apr-18	500	470	3.95	104
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	237	30-Apr-18	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	238	07-May-18	500	485	3.99	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	239	14-May-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	240	21-May-18	500	490	3.95	97
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	241	28-May-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	242	04-Jun-18	500	470	4.03	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	243	11-Jun-18	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	244	18-Jun-18	500	470	4.01	89
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	245	25-Jun-18	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	246	02-Jul-18	500	475	4.04	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	247	09-Jul-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	248	16-Jul-18	500	465	4.05	88
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	249	23-Jul-18	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	250	30-Jul-18	500	460	4.08	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	251	06-Aug-18	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	252	13-Aug-18	500	450	4.09	76
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	253	20-Aug-18	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	254	27-Aug-18	500	475	4.14	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	255	03-Sep-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	256	10-Sep-18	500	460	4.13	76
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	257	17-Sep-18	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	258	24-Sep-18	500	480	4.12	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	259	01-Oct-18	500	490		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	260	08-Oct-18	500	485	4.50	75
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	261	15-Oct-18	500	470		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	262	22-Oct-18	500	470	4.09	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	263	29-Oct-18	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	264	05-Nov-18	500	465	4.2	68
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	265	12-Nov-18	500	485		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	266	19-Nov-18	500	460	4.15	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	267	26-Nov-18	500	465		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	268	03-Dec-18	500	470	4.18	72
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	269	10-Dec-18	500	465		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36																
BR06-02	HC-36	365	21.3	3.6	12.1	<0.5			<0.5					12.5	0.891	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	370	39.4	8.9	26.7	<0.5			<0.5					16.5	3.060	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	370	29.8	6.3	19.5	<0.5			<0.5					12.5	1.72	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	390	27.5	5.3	15	<0.5			0.6					12.2	1.18	<0.00002	0.00005
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	450	25.1	4.4	14.3	<0.5			<0.5					12.6	1.23	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	425	24.5	3.3	16.5	<0.5			0.8					11.9	1.01	0.00003	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	450	22.4	3.2	12.5	<0.5			<0.5					11.3	0.859	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	430	20.1	3.4	12.2	<0.5			1.8					11.0	0.827	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	385	19.4	2	10	<0.5			<0.5					10.6	0.663	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	405	17.9	2.2	10.7	<0.5			<0.5					10.6	0.678	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	440	17.9	2.0	9.9	<0.5			<0.5					10.5	0.767	<0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	450	16.1	<0.5	4.2	<0.5			<0.5					8.4	0.558	<0.00002	0.00015
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	420	19.5	<0.5	7.2	<0.5			<0.5					8.9	0.603	<0.00002	<0.00002
BR06-02	HC-36																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36															
BR06-02	HC-36	0.0279	0.00021	<0.000005	<0.05	0.00085	0.000297	3.51	0.0002	0.0237	0.0182	0.094	0.139	0.00845	0.0064	0.90
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0416	0.00042	<0.000005	<0.05	0.00104	0.000569	4.61	0.0007	0.0441	0.0407	0.2900	0.121	0.01750	0.0090	1.22
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0270	0.00025	<0.000005	<0.05	0.00079	0.000304	3.35	0.0010	0.0413	0.0259	0.170	0.386	0.0132	0.0084	1.00
BR06-02	HC-36															
BR06-02	HC-36	0.0202	0.0002	<0.000005	<0.05	0.00074	0.000268	3.22	0.0003	0.0237	0.0218	0.113	0.146	0.0103	0.0077	1.00
BR06-02	HC-36															
BR06-02	HC-36	0.0213	0.00019	<0.000005	<0.05	0.00074	0.00032	3.35	0.0003	0.0359	0.0296	0.11	0.034	0.0103	0.0074	1.02
BR06-02	HC-36															
BR06-02	HC-36	0.0229	0.00017	<0.000005	<0.05	0.00067	0.000354	3.27	0.0002	0.0419	0.0301	0.0879	0.026	0.00955	0.0077	0.91
BR06-02	HC-36															
BR06-02	HC-36	0.0241	0.00016	<0.000005	<0.05	0.00069	0.000298	3.19	0.0002	0.0353	0.0314	0.0732	0.022	0.00893	0.0073	0.82
BR06-02	HC-36															
BR06-02	HC-36	0.0270	0.00014	<0.000005	<0.05	0.00069	0.000296	3.11	0.0003	0.0446	0.0361	0.0681	0.020	0.00871	0.0065	0.79
BR06-02	HC-36															
BR06-02	HC-36	0.0247	0.00011	<0.000005	<0.05	0.0006	0.000331	3.1	0.0002	0.037	0.0316	0.0509	0.016	0.00715	0.0054	0.7
BR06-02	HC-36															
BR06-02	HC-36	0.0248	0.00010	<0.000005	<0.05	0.00063	0.000256	3.10	0.0002	0.0377	0.0305	0.0500	0.014	0.00673	0.0057	0.69
BR06-02	HC-36															
BR06-02	HC-36	0.0237	0.00010	<0.000005	<0.05	0.00056	0.000273	3.07	0.0002	0.0460	0.0361	0.0542	0.012	0.00696	0.0058	0.69
BR06-02	HC-36															
BR06-02	HC-36	0.0222	0.0001	<0.000005	<0.05	0.00054	0.0002	2.49	0.0001	0.0303	0.0284	0.0384	0.013	0.00564	0.0045	0.53
BR06-02	HC-36															
BR06-02	HC-36	0.0225	0.00010	<0.000005	<0.05	0.00052	0.000212	2.60	0.0001	0.0257	0.0297	0.0386	0.008	0.00592	0.0048	0.57
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36															
BR06-02	HC-36	0.0552	<0.00001	0.003	<0.00005	0.088	0.98	0.0092	0.00011	3.1	0.000009	0.38	0.0192	<10	<0.00002	0.000048
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0720	<0.00001	0.006	<0.00005	0.157	1.26	0.01150	0.00009	4.0	0.000015	0.50	0.0241	13	<0.00002	0.000045
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0600	<0.00001	0.002	<0.00005	0.138	1.18	0.00785	0.00005	3.3	0.000013	0.41	0.0176	<10	<0.00002	0.000038
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0532	<0.00001	0.007	<0.00005	0.0852	1.20	0.00796	0.00006	3.3	0.000006	0.41	0.0165	<10	<0.00002	0.000032
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0525	<0.00001	0.01	<0.00005	0.117	1.27	0.00828	0.00005	3.1	<0.000005	0.4	0.0162	<10	<0.00002	0.00003
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0472	<0.00001	<0.002	<0.00005	0.129	1.14	0.00798	<0.00004	2.9	0.000009	0.39	0.016	<10	<0.00002	0.000032
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0455	<0.00001	<0.002	<0.00005	0.115	1.13	0.00773	<0.00004	3.0	<0.000005	0.38	0.0151	<10	<0.00002	0.000028
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0427	0.00001	<0.002	<0.00005	0.126	1.01	0.00727	0.00004	2.9	0.000011	0.39	0.0148	<10	<0.00002	0.000033
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0382	<0.00001	<0.002	<0.00005	0.108	0.89	0.00622	0.00005	2.6	<0.000005	0.34	0.0134	<10	<0.00002	0.000034
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0389	<0.00001	0.003	<0.00005	0.108	0.85	0.00607	0.00010	2.7	<0.000005	0.37	0.0139	<10	<0.00002	0.000035
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0371	<0.00001	<0.002	<0.00005	0.123	0.85	0.00562	<0.00004	2.7	0.000006	0.37	0.0133	<10	<0.00002	0.000037
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0284	<0.00001	0.003	<0.00005	0.0797	0.7	0.00529	<0.00004	2.3	<0.000005	0.31	0.0114	<10	<0.00002	0.000034
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0314	<0.00001	<0.002	<0.00005	0.074	0.71	0.00519	<0.00004	2.5	0.000009	0.36	0.0120	<10	<0.00002	0.000039
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36															
BR06-02	HC-36	0.000009	<0.0002	<0.0005	<0.00001	0.00710	<0.0002	0.076	<0.0001	<0.002				0.44	0.49	-5.24
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000084	<0.0002	<0.0005	0.00001	0.01990	<0.0002	0.1280	<0.0001	<0.002				0.82	0.89	-3.9
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000184	<0.0002	<0.0005	<0.00001	0.0116	0.0002	0.0810	<0.0001	<0.002				0.62	0.64	-1.19
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000022	<0.0002	0.0005	<0.00001	0.00766	<0.0002	0.0691	<0.0001	<0.002				0.591	0.545	4.05
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.000024	<0.0002	<0.0005	<0.00001	0.00712	<0.0002	0.0769	<0.0001	<0.002				0.523	0.556	-3.06
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.00001	<0.0002	<0.0005	<0.00001	0.00677	<0.0002	0.065	<0.0001	<0.002				0.532	0.514	1.72
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00539	<0.0002	0.0638	<0.0001	<0.002				0.467	0.47	-0.32
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00475	<0.0002	0.0624	<0.0001	<0.002				#REF!	#REF!	#REF!
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00323	<0.0002	0.0562	<0.0001	<0.002				0.404	0.409	-0.62
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00296	<0.0002	0.0556	<0.0001	<0.002				0.373	0.403	-3.87
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00324	<0.0002	0.0584	<0.0001	<0.002				0.373	0.370	0.40
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00222	<0.0002	0.0442	<0.0001	<0.002				0.336	0.328	1.2
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00219	<0.0002	0.0500	<0.0001	<0.002				0.406	0.348	7.69
BR06-02	HC-36															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	270	17-Dec-18	500	470	4.09	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	271	24-Dec-18	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	272	31-Dec-18	500	480	4.08	69
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	273	07-Jan-19	500	480		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	274	14-Jan-19	500	475	4.12	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	275	21-Jan-19	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	276	28-Jan-19	500	460	4.13	76
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	277	04-Feb-19	500	495		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	278	11-Feb-19	500	465	4.16	
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	279	18-Feb-19	500	475		
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	280	25-Feb-19	500	480	4.10	70
BR06-02	HC-36	LCP North	Greywacke	12GRL071	195.00	197.00	0.37	0.36	0.04	11.30	3.22	281	04-Mar-19	500	465		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		0	01-Dec-14	750	615	8.95	72
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		1	08-Dec-14	500	465	8.59	95
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		2	15-Dec-14	500	465	8.37	94
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		3	22-Dec-14	500	465	8.53	71
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		4	29-Dec-14	500	475	7.98	59
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		5	05-Jan-15	500	470	8.16	54
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		6	12-Jan-15	500	475	7.97	54
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		7	19-Jan-15	500	480	7.89	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		8	26-Jan-15	500	480	7.82	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		9	02-Feb-15	500	475	8.05	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		10	09-Feb-15	500	485	7.88	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		11	16-Feb-15	500	490	7.74	44
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		12	23-Feb-15	500	470	7.70	43
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		13	02-Mar-15	500	475	7.86	42
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		14	09-Mar-15	500	475	7.62	41
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		15	16-Mar-15	500	470	7.80	40
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		16	23-Mar-15	500	485	7.79	42
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		17	30-Mar-15	500	480	7.83	45
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		18	06-Apr-15	500	475	7.80	44
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		19	13-Apr-15	500	480	7.70	42
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		20	20-Apr-15	500	465	7.84	43
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		21	27-Apr-15	500	475	7.83	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		22	04-May-15	500	475	7.80	43
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		23	11-May-15	500	455	7.75	44
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		24	18-May-15	500	490	7.70	42
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		25	25-May-15	500	460	7.72	42
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		26	01-Jun-15	500	475	7.71	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		27	08-Jun-15	500	470	7.72	45
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		28	15-Jun-15	500	490	7.72	55
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		29	22-Jun-15	500	475	7.76	50
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		30	29-Jun-15	500	475	7.74	52

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	440	17.1	1.8	8.8	<0.5			<0.5					8.6	0.552	0.00002	<0.00002
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	450	16.3	1.9	9.8	<0.5			<0.5					9.1	0.624	<0.00002	0.00005
BR06-02	HC-36																
BR06-02	HC-36																
BR06-02	HC-36	455	16.2	2.1	11.2	<0.5			<0.5					7.7	0.651	<0.00002	0.00003
BR06-02	HC-36																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-40	105	7.1	<0.5	<0.5	20.9	0.07		2.6					6.3	0.127	0.00011	0.00061
	HC-40	110	10.6	<0.5	<0.5	29.9	0.11		3.0					7.4	0.180	0.00032	0.00234
	HC-40	115	10.8	<0.5	<0.5	30.3	0.11		1.5					9.9	0.359	0.00031	0.00287
	HC-40	110	8.2	<0.5	<0.5	27.6	0.10		1.0					8.7	0.187	0.00022	0.00274
	HC-40	120	4.8	<0.5	<0.5	22.6	0.07		1.0					9.9	0.177	0.00020	0.00283
	HC-40	120	4.7	<0.5	<0.5	21.8	0.05		<0.5					14.3	0.289	0.00021	0.00417
	HC-40	120	4.9	<0.5	<0.5	22.1	0.05		<0.5					12.9	0.205	0.00017	0.00351
	HC-40	140	4.8	<0.5	<0.5	21.8	<0.05		<0.5					13.2	0.208	0.00014	0.00396
	HC-40	140	3.9	<0.5	<0.5	20.6	<0.05		<0.5					13.2	0.191	0.00013	0.00366
	HC-40	140	4.0	<0.5	<0.5	17.8	<0.05		<0.5					13.8	0.213	0.00012	0.00409
	HC-40	120	4.0	<0.5	<0.5	20.1	<0.05		<0.5					14.3	0.202	0.00011	0.00356
	HC-40	130	3.8	<0.5	<0.5	16.0	0.06		<0.5					14.1	0.189	0.00009	0.00372
	HC-40	145	3.5	<0.5	<0.5	17.6	<0.05		<0.5					13.7	0.193	0.00008	0.00344
	HC-40	140	3.0	<0.5	<0.5	16.5	<0.05		<0.5					13.5	0.177	0.00007	0.00362
	HC-40	120	3.1	<0.5	<0.5	13.9	<0.05		<0.5					13.5	0.169	0.00007	0.00354
	HC-40	130	3.5	<0.5	<0.5	14.3	<0.05		<0.5					13.6	0.190	0.00007	0.00368
	HC-40	150	4.0	<0.5	<0.5	13.4	<0.05		<0.5					14.0	0.206	0.00007	0.00423
	HC-40	140	3.6	<0.5	<0.5	15.1	<0.05		<0.5					15.1	0.208	0.00006	0.00449
	HC-40	150	3.7	<0.5	<0.5	17.4	<0.05		<0.5					15.1	0.258	0.00006	0.00514
	HC-40	160	3.5	<0.5	0.7	14.6	<0.05		<0.5					14.3	0.185	0.00005	0.00408
	HC-40	160															
	HC-40	110	3.4	<0.5	<0.5	15.4	<0.05		<0.5					16.2	0.217	0.00005	0.00520
	HC-40	115															
	HC-40	130	4.4	<0.5	<0.5	15.7	<0.05		<0.5					16.2	0.188	0.00005	0.00458
	HC-40	140															
	HC-40	120	4.0	<0.5	<0.5	14.8	<0.05		<0.5					16.5	0.170	0.00005	0.00405
	HC-40	110															
	HC-40	125	5.6	<0.5	<0.5	15.2	<0.05		<0.5					17.2	0.155	0.00004	0.00453
	HC-40	145															
	HC-40	120	6.4	<0.5	<0.5	15.1	<0.05		<0.5					17.8	0.164	0.00004	0.00460
	HC-40	120															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0238	0.00011	<0.000005	<0.05	0.00057	0.000190	2.54	0.0002	0.0198	0.0264	0.0364	0.008	0.00567	0.0042	0.54
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0291	0.00010	<0.000005	<0.05	0.00059	0.000222	2.83	<0.0001	0.0303	0.0349	0.0429	0.008	0.00628	0.0043	0.49
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0289	0.00009	<0.000005	<0.05	0.00054	0.000211	2.28	0.0002	0.0250	0.0369	0.0387	0.009	0.00676	0.0038	0.49
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-40	0.00097	<0.00001	<0.000005	<0.05	0.00020	<0.000005	1.39	0.0002	0.000026	0.00041	<0.00005	0.160	0.000044	0.0025	0.68
	HC-40	0.00120	<0.00001	<0.000005	<0.05	0.00023	<0.000005	1.56	<0.0001	0.000017	0.00026	<0.00005	0.053	0.000030	0.0030	0.84
	HC-40	0.00183	<0.00001	<0.000005	<0.05	0.00023	<0.000005	1.97	0.0004	0.000070	0.00033	0.00007	0.404	0.000059	0.0039	1.22
	HC-40	0.00133	<0.00001	<0.000005	<0.05	0.00016	<0.000005	1.89	<0.0001	0.000020	0.00022	<0.00005	0.082	0.000025	0.0031	0.96
	HC-40	0.00140	<0.00001	<0.000005	<0.05	0.00015	<0.000005	2.16	<0.0001	0.000017	0.00037	<0.00005	0.038	0.000019	0.0038	1.08
	HC-40	0.00216	<0.00001	<0.000005	<0.05	0.00023	<0.000005	2.97	0.0002	0.000039	0.00139	<0.00005	0.151	0.000057	0.0048	1.68
	HC-40	0.00172	<0.00001	<0.000005	<0.05	0.00019	<0.000005	2.80	<0.0001	0.000023	0.00091	<0.00005	0.047	0.000029	0.0043	1.43
	HC-40	0.00183	<0.00001	<0.000005	<0.05	0.00017	<0.000005	2.90	<0.0001	0.000015	0.00028	<0.00005	0.035	0.000019	0.0037	1.45
	HC-40	0.00182	<0.00001	<0.000005	<0.05	0.00017	<0.000005	2.80	<0.0001	0.000021	0.00329	<0.00005	0.034	0.000033	0.0029	1.51
	HC-40	0.00191	<0.00001	<0.000005	<0.05	0.00017	<0.000005	2.92	<0.0001	0.000017	0.00011	<0.00005	0.044	0.000021	0.0038	1.57
	HC-40	0.00203	<0.00001	<0.000005	<0.05	0.00014	<0.000005	3.23	<0.0001	0.000022	0.00010	<0.00005	0.056	0.000018	0.0032	1.50
	HC-40	0.00205	<0.00001	<0.000005	<0.05	0.00018	<0.000005	3.17	<0.0001	0.000022	0.00021	<0.00005	0.037	0.000023	0.0033	1.50
	HC-40	0.00202	<0.00001	<0.000005	<0.05	0.00015	<0.000005	3.06	0.0001	0.000030	0.00013	<0.00005	0.112	0.000031	0.0024	1.47
	HC-40	0.00201	<0.00001	<0.000005	<0.05	0.00016	<0.000005	3.04	<0.0001	0.000016	0.00009	<0.00005	0.035	0.000025	0.0033	1.42
	HC-40	0.00205	<0.00001	<0.000005	<0.05	0.00016	<0.000005	3.02	<0.0001	0.000022	0.00011	<0.00005	0.038	0.000019	0.0027	1.44
	HC-40	0.00197	<0.00001	<0.000005	<0.05	0.00015	<0.000005	3.11	<0.0001	0.000025	0.00024	<0.00005	0.034	0.000028	0.0029	1.42
	HC-40	0.00200	<0.00001	<0.000005	<0.05	0.00015	<0.000005	3.15	<0.0001	0.000034	0.00149	<0.00005	0.096	0.000024	0.0034	1.49
	HC-40	0.00199	<0.00001	<0.000005	<0.05	0.00017	<0.000005	3.49	<0.0001	0.000025	0.00011	<0.00005	0.054	0.000015	0.0031	1.54
	HC-40	0.00220	<0.00001	<0.000005	<0.05	0.00014	<0.000005	3.45	<0.0001	0.000024	0.00014	0.00011	0.080	0.000031	0.0032	1.58
	HC-40	0.00227	<0.00001	<0.000005	<0.05	0.00014	<0.000005	3.36	<0.0001	0.000025	0.00048	<0.00005	0.029	0.000020	0.0027	1.44
	HC-40															
	HC-40	0.00217	<0.00001	<0.000005	<0.05	0.00017	0.000006	3.85	<0.0001	0.000029	0.00013	<0.00005	0.054	0.000012	0.0028	1.60
	HC-40															
	HC-40	0.00198	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.01	<0.0001	0.000022	0.00014	<0.00005	0.026	0.000014	0.0025	1.51
	HC-40															
	HC-40	0.00231	<0.00001	<0.000005	<0.05	0.00015	0.000007	4.03	0.0002	0.000032	0.00012	<0.00005	0.071	0.000022	0.0032	1.56
	HC-40															
	HC-40	0.00243	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.26	<0.0001	0.000021	0.00019	<0.00005	0.035	0.000023	0.0023	1.59
	HC-40															
	HC-40	0.00230	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.44	<0.0001	0.000020	0.00014	<0.00005	0.026	0.000026	0.0030	1.63
	HC-40															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0290	<0.00001	<0.002	<0.00005	0.057	0.70	0.00525	<0.00004	2.5	<0.000005	0.35	0.0118	<10	<0.00002	0.000035
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0284	<0.00001	<0.002	<0.00005	0.079	0.70	0.00544	0.00005	2.5	0.000006	0.35	0.0136	<10	<0.00002	0.000042
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	0.0267	<0.00001	0.002	<0.00005	0.067	0.67	0.00470	0.00004	2.2	0.000008	0.34	0.0106	<10	0.00003	0.000035
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-40	0.00107	<0.00001	0.009	0.00133	0.00070	3.73	0.00450	0.00009	0.8	<0.000005	10.0	0.00442	<10	<0.00002	0.000002
	HC-40	0.00074	<0.00001	0.010	0.00400	0.00053	3.98	0.00556	0.00027	0.8	<0.000005	13.3	0.00643	<10	<0.00002	0.000003
	HC-40	0.00272	<0.00001	0.013	0.00317	0.00029	4.54	0.00578	0.00012	1.1	<0.000005	12.7	0.00770	<10	<0.00002	<0.000002
	HC-40	0.00095	<0.00001	0.007	0.00154	0.00012	3.38	0.00412	0.00009	1.0	<0.000005	7.68	0.00664	<10	<0.00002	<0.000002
	HC-40	0.00079	<0.00001	0.005	0.00085	0.00017	3.34	0.00442	0.00007	0.9	<0.000005	5.30	0.00742	<10	<0.00002	0.000003
	HC-40	0.00177	<0.00001	0.008	0.00070	0.00019	4.28	0.00606	0.00009	1.1	<0.000005	5.76	0.0107	<10	<0.00002	0.000002
	HC-40	0.00093	<0.00001	0.004	0.00048	0.00014	3.50	0.00469	0.00008	1.0	<0.000005	4.07	0.00942	<10	<0.00002	0.000004
	HC-40	0.00090	<0.00001	0.003	0.00036	0.00045	3.48	0.00465	0.00007	1.0	<0.000005	3.28	0.00975	<10	<0.00002	0.000004
	HC-40	0.00104	<0.00001	<0.002	0.00037	0.00013	3.17	0.00451	0.00008	1.0	<0.000005	2.74	0.00943	<10	<0.00002	<0.000002
	HC-40	0.00102	<0.00001	<0.002	0.00035	0.00012	3.35	0.00483	0.00007	1.0	<0.000005	2.48	0.00975	<10	<0.00002	0.000003
	HC-40	0.00111	<0.00001	0.004	0.00033	0.00014	3.10	0.00442	0.00005	0.9	<0.000005	2.02	0.00945	<10	<0.00002	0.000003
	HC-40	0.00114	<0.00001	<0.002	0.00025	0.00017	3.20	0.00471	0.00006	1.0	<0.000005	1.76	0.00996	<10	<0.00002	0.000002
	HC-40	0.00141	<0.00001	0.005	0.00021	0.00018	2.82	0.00426	0.00005	1.3	<0.000005	1.39	0.00908	<10	<0.00002	0.000003
	HC-40	0.00108	<0.00001	0.002	0.00021	0.00009	2.81	0.00413	0.00005	1.1	<0.000005	1.29	0.00884	<10	<0.00002	0.000003
	HC-40	0.00114	<0.00001	0.006	0.00021	0.00014	2.74	0.00433	0.00004	1.2	<0.000005	1.10	0.00927	<10	<0.00002	<0.000002
	HC-40	0.00120	<0.00001	0.006	0.00021	0.00025	2.73	0.00396	<0.00004	1.1	<0.000005	1.06	0.00883	<10	<0.00002	0.000003
	HC-40	0.00149	<0.00001	0.005	0.00022	0.00015	2.64	0.00425	0.00007	0.9	<0.000005	1.08	0.00928	<10	<0.00002	0.000002
	HC-40	0.00123	<0.00001	0.003	0.00022	0.00014	2.92	0.00463	0.00005	1.1	<0.000005	1.02	0.00977	<10	<0.00002	0.000004
	HC-40	0.00135	<0.00001	0.003	0.00022	0.00007	2.77	0.00450	0.00005	1.2	<0.000005	0.92	0.00959	<10	<0.00002	0.000005
	HC-40	0.00133	<0.00001	<0.002	0.00023	0.00019	2.63	0.00420	0.00005	0.9	<0.000005	0.79	0.00893	<10	<0.00002	0.000011
	HC-40															
	HC-40	0.00132	<0.00001	0.003	0.00027	0.00020	2.84	0.00445	0.00005	1.2	<0.000005	0.82	0.00967	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00116	0.00001	0.005	0.00038	0.00012	2.71	0.00411	0.00006	1.1	<0.000005	0.66	0.00930	<10	<0.00002	0.000010
	HC-40															
	HC-40	0.00136	<0.00001	<0.002	0.00053	0.00013	2.45	0.00402	0.00006	1.0	<0.000005	0.61	0.00989	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00115	<0.00001	<0.002	0.00058	0.00013	2.53	0.00401	0.00007	1.7	<0.000005	0.53	0.00948	<10	<0.00002	<0.000002
	HC-40															
	HC-40	0.00084	<0.00001	0.002	0.00070	0.00015	2.66	0.00441	0.00010	1.0	<0.000005	0.52	0.0103	<10	<0.00002	0.000003
	HC-40															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	0.00001	0.00181	<0.0002	0.0467	<0.0001	<0.002				0.357	0.352	0.71
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00194	<0.0002	0.0498	<0.0001	<0.002				0.339	0.362	-3.28
BR06-02	HC-36															
BR06-02	HC-36															
BR06-02	HC-36	<0.000005	<0.0002	<0.0005	<0.00001	0.00223	<0.0002	0.0488	<0.0001	<0.002				0.337	0.342	-0.74
BR06-02	HC-36															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-40	0.000011	<0.0002	0.0019	0.00070	0.000080	0.0007	0.0004	<0.0001	<0.002				0.642	0.677	-2.65
	HC-40	<0.000005	<0.0002	0.0008	0.00135	0.000040	0.0009	0.0003	<0.0001	<0.002				0.909	0.849	3.41
	HC-40	0.000036	<0.0002	0.0035	0.00116	0.000080	0.0012	0.0007	<0.0001	<0.002				0.880	0.921	-2.28
	HC-40	0.000008	<0.0002	0.0012	0.00071	0.000048	0.0009	<0.0001	<0.0001	<0.002				0.757	0.617	10.19
	HC-40	0.000007	<0.0002	0.0007	0.00057	0.000057	0.0008	0.0005	<0.0001	<0.002				0.581	0.534	4.22
	HC-40	0.000021	<0.0002	0.0017	0.00055	0.000166	0.0011	0.0006	<0.0001	<0.002				0.536	0.684	-12.1
	HC-40	0.000008	<0.0002	0.0007	0.00040	0.000129	0.0009	0.0002	0.0001	<0.002				0.548	0.548	0.00
	HC-40	0.000018	<0.0002	0.0010	0.00032	0.000123	0.0010	0.0002	<0.0001	<0.002				0.536	0.520	1.52
	HC-40	0.000006	<0.0002	0.0009	0.00028	0.000164	0.0009	0.0004	<0.0001	0.006				0.493	0.487	0.610
	HC-40	0.000006	<0.0002	0.0011	0.00026	0.000173	0.0010	0.0001	<0.0001	<0.002				0.438	0.494	-6.01
	HC-40	0.000007	<0.0002	0.0009	0.00023	0.000257	0.0010	0.0002	0.0002	<0.002				0.487	0.476	1.14
	HC-40	0.000015	<0.0002	<0.0005	0.00020	0.000261	0.0009	0.0002	<0.0001	<0.002				0.403	0.462	-6.82
	HC-40	0.000011	<0.0002	0.0013	0.00015	0.000276	0.0009	0.0002	<0.0001	<0.002				0.424	0.432	-0.930
	HC-40	0.000031	<0.0002	0.0007	0.00016	0.000334	0.0010	0.0008	<0.0001	<0.002				0.393	0.418	-3.08
	HC-40	<0.000005	<0.0002	0.0005	0.00013	0.000414	0.0008	0.0001	<0.0001	<0.002				0.343	0.407	-8.53
	HC-40	<0.000005	<0.0002	0.0005	0.00013	0.000576	0.0010	0.0008	<0.0001	<0.002				0.359	0.410	-6.63
	HC-40	0.000005	<0.0002	0.0015	0.00013	0.000646	0.0010	0.0003	<0.0001	<0.002				0.351	0.420	-8.95
	HC-40	0.000005	<0.0002	0.0008	0.00013	0.000740	0.0012	0.0002	<0.0001	<0.002				0.378	0.445	-8.14
	HC-40	0.000022	<0.0002	0.0013	0.00013	0.000742	0.0012	<0.0001	0.0001	<0.002				0.424	0.445	-2.42
	HC-40	<0.000005	<0.0002	<0.0005	0.00011	0.000831	0.0012	0.0003	<0.0001	<0.002				0.365	0.410	-5.81
	HC-40															
	HC-40	<0.000005	<0.0002	0.0010	0.00010	0.000970	0.0012	0.0004	<0.0001	<0.002				0.379	0.458	-9.44
	HC-40															
	HC-40	<0.000005	<0.0002	0.0008	0.00007	0.00114	0.0011	0.0001	<0.0001	<0.002				0.406	0.444	-4.47
	HC-40															
	HC-40	0.000005	<0.0002	0.0009	0.00007	0.00116	0.0010	0.0005	<0.0001	<0.002				0.378	0.440	-7.58
	HC-40															
	HC-40	0.000015	<0.0002	0.0008	0.00006	0.00145	0.0010	0.0005	<0.0001	<0.002				0.420	0.450	-3.45
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00005	0.00166	0.0011	0.0005	<0.0001	<0.002				0.434	0.466	-3.56
	HC-40															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		31	06-Jul-15	500	460	7.77	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		32	13-Jul-15	500	460	7.66	51
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		33	20-Jul-15	500	465	7.69	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		34	27-Jul-15	500	465	7.65	51
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		35	03-Aug-15	500	465	7.69	54
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		36	10-Aug-15	500	475	7.59	50
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		37	17-Aug-15	500	460	7.73	52
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		38	24-Aug-15	500	470	7.58	43
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		39	31-Aug-15	500	465	7.72	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		40	07-Sep-15	500	470	7.71	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		41	14-Sep-15	500	490	7.75	44
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		42	21-Sep-15	500	465	7.70	47
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		43	28-Sep-15	500	460	7.63	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		44	05-Oct-15	500	475	7.64	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		45	12-Oct-15	500	485	7.58	47
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		46	19-Oct-15	500	460	7.52	40
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		47	26-Oct-15	500	460	7.68	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		48	02-Nov-15	500	470	7.62	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		49	09-Nov-15	500	470	7.67	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		50	16-Nov-15	500	465	7.67	51
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		51	23-Nov-15	500	470	7.71	47
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		52	30-Nov-15	500	490	7.59	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		53	07-Dec-15	500	460	7.71	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		54	14-Dec-15	500	495	7.60	44
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		55	21-Dec-15	500	460	7.63	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		56	28-Dec-15	500	465	7.66	52
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		57	04-Jan-16	500	480	7.53	47
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		58	11-Jan-16	500	470	7.51	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		59	18-Jan-16	500	470	7.57	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		60	25-Jan-16	500	485	7.66	45
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		61	01-Feb-16	500	460	7.58	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		62	08-Feb-16	500	455	7.54	55
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		63	15-Feb-16	500	490	7.62	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		64	22-Feb-16	500	475	7.53	46
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		65	29-Feb-16	500	475	7.57	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		66	07-Mar-16	500	455	7.61	48
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		67	14-Mar-16	500	470	7.56	50
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		68	21-Mar-16	500	490	7.64	49
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		69	28-Mar-16	500	460	7.55	52
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		70	04-Apr-16	500	465	7.54	50
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		71	11-Apr-16	500	470	7.61	55
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		72	18-Apr-16	500	475	7.55	56
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		73	25-Apr-16	500	465	7.48	57
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		74	02-May-16	500	465	7.55	60
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		75	09-May-16	500	470	7.34	59
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		76	16-May-16	500	455	7.46	59
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		77	23-May-16	500	470	7.47	67
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		78	30-May-16	500	475	7.29	51
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		79	06-Jun-16	500	475	7.42	57
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		80	13-Jun-16	500	460	7.48	62
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		81	20-Jun-16	500	465	7.27	58

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-40	115	7.0	<0.5	<0.5	15.1	<0.05		<0.5					18.2	0.206	0.00003	0.00402
	HC-40	100															
	HC-40	105	7.0	<0.5	<0.5	13.4	<0.05		<0.5					18.8	0.154	0.00003	0.00367
	HC-40	105															
	HC-40	100	8.7	<0.5	<0.5	14.5	<0.05		<0.5					21.0	0.159	0.00003	0.00364
	HC-40	125															
	HC-40	130	7.5	<0.5	<0.5	14.6	<0.05		<0.5					19.7	0.170	0.00003	0.00408
	HC-40	125															
	HC-40	120	7.0	<0.5	<0.5	14.4	<0.05		0.6					18.7	0.154	0.00003	0.00354
	HC-40	125															
	HC-40	120	6.3	<0.5	<0.5	13.5	<0.05		<0.5					17.7	0.174	0.00003	0.00366
	HC-40	110															
	HC-40	120	6.6	<0.5	<0.5	14.4	<0.05		<0.5					19.3	0.136	0.00002	0.00278
	HC-40	120															
	HC-40	130	8.5	<0.5	<0.5	13.5	<0.05		0.6					18.4	0.132	0.00002	0.00234
	HC-40	120															
	HC-40	130	6.9	<0.5	<0.5	12.8	<0.05		<0.5					17.8	0.117	0.00002	0.00223
	HC-40	120															
	HC-40	130	6.1	<0.5	<0.5	12.9	<0.05		<0.5					18.1	0.174	0.00002	0.00417
	HC-40	110															
	HC-40	110	6.7	<0.5	<0.5	14.1	<0.05		<0.5					18.1	0.194	0.00002	0.00357
	HC-40	105															
	HC-40	120	6.6	<0.5	<0.5	14.1	<0.05		<0.5					18.9	0.174	<0.00002	0.00284
	HC-40	115															
	HC-40	125	7.1	<0.5	<0.5	13.4	<0.05		<0.5					18.6	0.142	<0.00002	0.00231
	HC-40	110															
	HC-40	125	10.6	<0.5	<0.5	13.7	<0.05		0.5					19.0	0.128	<0.00002	0.00205
	HC-40	120															
	HC-40	120	8.2	<0.5	<0.5	13.9	<0.05		<0.5					18.6	0.111	<0.00002	0.00182
	HC-40	135															
	HC-40	140	7.9	<0.5	<0.5	13.0	<0.05		<0.5					17.4	0.101	<0.00002	0.00148
	HC-40	120															
	HC-40	140	6.7	<0.5	<0.5	12.7	<0.05		<0.5					17.6	0.108	<0.00002	0.00146
	HC-40	120															
	HC-40	130	8.5	<0.5	<0.5	12.3	<0.05		<0.5					18.2	0.109	<0.00002	0.00135
	HC-40	125															
	HC-40	140	8.6	<0.5	<0.5	13.6	<0.05		<0.5					19.9	0.111	<0.00002	0.00148
	HC-40	150															
	HC-40	130	9.4	<0.5	<0.5	12.0	<0.05		<0.5					20.0	0.107	<0.00002	0.00131
	HC-40	130															
	HC-40	135	10.5	<0.5	<0.5	12.8	<0.05		<0.5					21.4	0.114	<0.00002	0.00118
	HC-40	140															
	HC-40	150	10.2	<0.5	<0.5	12.3	<0.05		0.6					23.3	0.0989	<0.00002	0.00103
	HC-40	130															
	HC-40	150	11.9	<0.5	<0.5	12.2	<0.05		0.7					22.4	0.0837	<0.00002	0.00093
	HC-40	150															
	HC-40	145	14.0	<0.5	<0.5	12.0	<0.05		0.6					24.9	0.0856	<0.00002	0.00085
	HC-40	130															
	HC-40	155	12.4	<0.5	<0.5	11.2	<0.05		0.7					21.9	0.0825	<0.00002	0.00072
	HC-40	150															
	HC-40	150	13.0	<0.5	<0.5	10.3	<0.05		0.6					22.6	0.0804	<0.00002	0.00063

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000030	0.00022	<0.00005	0.084	0.000021	0.0029	1.66
	HC-40	0.00260	<0.00001	<0.000005	<0.05	0.00017	<0.000005	4.56	0.0001	0.000030	0.00022	<0.00005	0.084	0.000021	0.0029	1.66
	HC-40															
	HC-40	0.00258	<0.00001	<0.000005	<0.05	0.00016	0.000011	4.80	<0.0001	0.000018	0.00011	<0.00005	0.015	0.000029	0.0029	1.64
	HC-40															
	HC-40	0.00312	<0.00001	<0.000005	<0.05	0.00016	0.000018	5.20	<0.0001	0.000020	0.00010	<0.00005	0.024	0.000009	0.0030	1.95
	HC-40															
	HC-40	0.00298	<0.00001	<0.000005	<0.05	0.00019	0.000012	4.90	<0.0001	0.000017	0.00008	<0.00005	0.017	0.000014	0.0032	1.80
	HC-40															
	HC-40	0.00276	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.58	<0.0001	0.000015	0.00015	<0.00005	0.009	0.000012	0.0022	1.77
	HC-40															
	HC-40	0.00255	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.35	<0.0001	0.000021	0.00009	<0.00005	0.039	0.000018	0.0027	1.66
	HC-40															
	HC-40	0.00297	<0.00001	<0.000005	<0.05	0.00017	<0.000005	4.87	<0.0001	0.000014	0.00011	<0.00005	0.007	0.000012	0.0030	1.74
	HC-40															
	HC-40	0.00289	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.51	<0.0001	0.000024	0.00012	<0.00005	0.042	0.000015	0.0029	1.74
	HC-40															
	HC-40	0.00296	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.35	<0.0001	0.000017	0.00029	<0.00005	0.006	0.000007	0.0031	1.67
	HC-40															
	HC-40	0.00236	<0.00001	<0.000005	<0.05	0.00016	<0.000005	4.36	<0.0001	0.000014	<0.00005	<0.00005	0.005	0.000011	0.0030	1.74
	HC-40															
	HC-40	0.00242	<0.00001	<0.000005	<0.05	0.00017	0.000016	4.39	<0.0001	0.000011	0.00012	<0.00005	0.005	0.000102	0.0028	1.74
	HC-40															
	HC-40	0.00247	<0.00001	<0.000005	<0.05	0.00015	0.000012	4.61	<0.0001	0.000015	0.00007	<0.00005	0.007	0.000009	0.0028	1.80
	HC-40															
	HC-40	0.00263	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.44	<0.0001	0.000013	0.00014	<0.00005	0.004	<0.000005	0.0027	1.83
	HC-40															
	HC-40	0.00281	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.59	<0.0001	0.000017	<0.00005	<0.00005	0.003	0.000020	0.0028	1.82
	HC-40															
	HC-40	0.00260	<0.00001	<0.000005	<0.05	0.00015	0.000005	4.43	<0.0001	0.000013	0.00013	<0.00005	0.003	0.000009	0.0022	1.83
	HC-40															
	HC-40	0.00369	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.11	<0.0001	0.000014	<0.00005	<0.00005	0.003	0.000005	0.0025	1.73
	HC-40															
	HC-40	0.00292	<0.00001	<0.000005	<0.05	0.00013	0.000005	4.15	<0.0001	0.000013	0.00013	<0.00005	0.003	0.000007	0.0021	1.76
	HC-40															
	HC-40	0.00279	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.32	<0.0001	0.000015	0.00014	<0.00005	0.002	0.000014	0.0023	1.80
	HC-40															
	HC-40	0.00291	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.53	<0.0001	0.000017	0.00022	<0.00005	0.003	<0.000005	0.0028	2.08
	HC-40															
	HC-40	0.00287	<0.00001	<0.000005	<0.05	0.00014	<0.000005	4.71	<0.0001	0.000013	0.00015	<0.00005	0.002	<0.000005	0.0025	2.01
	HC-40															
	HC-40	0.00300	<0.00001	<0.000005	<0.05	0.00016	0.000007	4.89	<0.0001	0.000014	0.00022	<0.00005	0.002	0.000007	0.0025	2.23
	HC-40															
	HC-40	0.00340	<0.00001	<0.000005	<0.05	0.00015	<0.000005	5.29	<0.0001	0.000019	0.00018	<0.00005	0.002	0.000008	0.0029	2.46
	HC-40															
	HC-40	0.00341	<0.00001	<0.000005	<0.05	0.00016	0.000005	5.14	<0.0001	0.000015	0.00022	<0.00005	<0.001	<0.000005	0.0029	2.33
	HC-40															
	HC-40	0.00374	<0.00001	<0.000005	<0.05	0.00017	<0.000005	5.67	<0.0001	0.000019	0.00016	<0.00005	0.002	0.000020	0.0030	2.61
	HC-40															
	HC-40	0.00337	<0.00001	<0.000005	<0.05	0.00015	0.000006	5.05	<0.0001	0.000013	0.00017	<0.00005	<0.001	0.000007	0.0023	2.26
	HC-40															
	HC-40	0.00342	<0.00001	<0.000005	<0.05	0.00014	<0.000005	5.04	<0.0001	0.000018	<0.00005	<0.00005	0.001	<0.000005	0.0026	2.42

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-40	0.00116	<0.00001	0.006	0.00085	0.00010	2.68	0.00441	0.00007	1.0	<0.000005	0.46	0.0103	<10	<0.00002	0.000004
	HC-40															
	HC-40	0.00051	<0.00001	0.005	0.00096	0.00014	2.52	0.00444	0.00007	1.0	<0.000005	0.41	0.0105	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00050	<0.00001	0.004	0.00108	0.00018	2.69	0.00470	0.00007	1.0	<0.000005	0.45	0.0106	<10	<0.00002	0.000003
	HC-40															
	HC-40	0.00041	<0.00001	0.004	0.00087	0.00015	2.70	0.00474	0.00007	1.0	<0.000005	0.41	0.00976	<10	<0.00002	0.000004
	HC-40															
	HC-40	0.00051	<0.00001	0.006	0.00077	0.00014	2.59	0.00414	0.00006	1.0	<0.000005	0.37	0.00854	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00042	<0.00001	0.008	0.00062	0.00015	2.36	0.00427	0.00006	1.0	<0.000005	0.34	0.00843	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00028	<0.00001	0.007	0.00069	0.00007	2.48	0.00455	0.00004	0.9	<0.000005	0.33	0.00893	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00052	<0.00001	0.006	0.00078	0.00014	2.31	0.00435	0.00005	0.9	<0.000005	0.30	0.00817	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00047	<0.00001	<0.002	0.00072	0.00011	2.21	0.00414	0.00005	0.8	<0.000005	0.30	0.00786	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00029	<0.00001	0.004	0.00066	0.00005	2.34	0.00445	0.00006	1.2	<0.000005	0.31	0.00721	<10	<0.00002	0.000003
	HC-40															
	HC-40	0.00040	<0.00001	0.007	0.00074	0.00004	2.42	0.00466	0.00006	1.0	<0.000005	0.31	0.00754	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00024	<0.00001	0.004	0.00083	0.00007	2.36	0.00433	0.00005	1.0	<0.000005	0.29	0.00732	<10	<0.00002	0.000003
	HC-40															
	HC-40	0.00024	<0.00001	0.003	0.00090	0.00006	2.27	0.00428	0.00006	0.9	<0.000005	0.28	0.00804	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00026	<0.00001	<0.002	0.00080	0.00008	2.30	0.00426	0.00004	0.9	<0.000005	0.26	0.00723	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00050	<0.00001	0.006	0.00081	0.00006	2.20	0.00428	0.00005	0.9	<0.000005	0.24	0.00706	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00016	<0.00001	<0.002	0.00081	0.00007	1.93	0.00407	<0.00004	0.8	<0.000005	0.22	0.00660	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00042	<0.00001	<0.002	0.00069	0.00009	1.99	0.00393	0.00004	0.8	<0.000005	0.21	0.00615	<10	<0.00002	<0.000002
	HC-40															
	HC-40	0.00023	<0.00001	0.003	0.00062	0.00009	2.08	0.00417	<0.00004	0.8	<0.000005	0.22	0.00642	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00027	<0.00001	<0.002	0.00074	0.00031	2.11	0.00436	<0.00004	0.9	<0.000005	0.24	0.00674	<10	<0.00002	0.000004
	HC-40															
	HC-40	0.00025	<0.00001	0.002	0.00077	0.00005	2.21	0.00430	0.00005	0.9	<0.000005	0.23	0.00717	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00059	<0.00001	<0.002	0.00080	0.00016	2.31	0.00459	0.00005	0.9	<0.000005	0.23	0.00728	<10	<0.00002	0.000003
	HC-40															
	HC-40	0.00039	<0.00001	0.002	0.00081	0.00010	2.26	0.00492	0.00005	0.9	<0.000005	0.23	0.00779	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00068	<0.00001	<0.002	0.00081	0.00008	2.21	0.00459	0.00005	0.9	<0.000005	0.22	0.00736	<10	<0.00002	0.000002
	HC-40															
	HC-40	0.00048	<0.00001	0.003	0.00080	0.00010	2.22	0.00495	<0.00004	1.0	<0.000005	0.21	0.00833	<10	<0.00002	0.000003
	HC-40															
	HC-40	0.00060	<0.00001	0.007	0.00069	0.00009	1.97	0.00486	<0.00004	0.8	<0.000005	0.19	0.00643	<10	<0.00002	<0.000002
	HC-40															
	HC-40	0.00038	<0.00001	0.003	0.00065	0.00009	2.06	0.00481	0.00004	0.8	<0.000005	0.20	0.00707	<10	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-40	0.000008	<0.0002	0.0012	0.00004	0.00167	0.0009	0.0004	<0.0001	<0.002				0.447	0.479	-3.46
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.00150	0.0008	0.0008	<0.0001	<0.002				0.413	0.475	-6.98
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.00161	0.0008	0.0013	<0.0001	<0.002				0.471	0.526	-5.52
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00004	0.00124	0.0010	0.0009	<0.0001	<0.002				0.447	0.499	-5.50
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00004	0.00102	0.0008	0.0008	<0.0001	<0.002				0.451	0.474	-2.49
	HC-40															
	HC-40	<0.000005	<0.0002	0.0006	0.00004	0.000858	0.0011	0.0002	<0.0001	<0.002				0.40	0.45	-5.65
	HC-40															
	HC-40	<0.000005	<0.0002	0.0008	0.00004	0.000954	0.0010	0.0004	<0.0001	<0.002				0.43	0.48	-5.86
	HC-40															
	HC-40	<0.000005	<0.0002	0.0005	0.00003	0.000885	0.0011	0.0011	<0.0001	<0.002				0.46	0.46	0.87
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.000851	0.0013	0.0002	<0.0001	<0.002				0.40	0.44	-4.78
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.000524	0.0003	0.0009	<0.0001	<0.002				0.39	0.45	-8.10
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.000701	0.0010	0.0003	<0.0001	<0.002				0.42	0.46	-4.20
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.000733	0.0010	0.0010	<0.0001	<0.002				0.42	0.47	-5.84
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.000664	0.0004	0.0003	<0.0001	<0.002				0.42	0.46	-4.69
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00003	0.000596	0.0006	0.0003	<0.0001	<0.002				0.51	0.46	4.53
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000628	0.0007	0.0003	<0.0001	<0.002				0.45	0.45	-0.22
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000546	0.0005	0.0001	<0.0001	<0.002				0.42	0.42	0.59
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000471	0.0004	0.0007	<0.0001	<0.002				0.39	0.42	-3.67
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000456	0.0006	0.0040	<0.0001	<0.002				0.424	0.438	-1.62
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000511	0.0004	0.0005	<0.0001	<0.002				0.451	0.474	-2.49
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000483	0.0006	0.0002	<0.0001	<0.002				0.436	0.478	-4.60
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000509	0.0006	0.0004	<0.0001	0.003				0.474	0.509	-3.56
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000478	0.0004	0.0007	<0.0001	<0.002				0.475	0.545	-6.86
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000454	0.0002	0.0005	<0.0001	<0.002				0.512	0.523	-1.06
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000447	0.0004	0.0007	<0.0001	<0.002				0.546	0.573	-2.41
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000363	0.0002	0.0004	<0.0001	<0.002				0.502	0.506	-0.40
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00001	0.000353	<0.0002	0.0002	<0.0001	<0.002				0.494	0.521	-2.66

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		82	27-Jun-16	500	470	7.43	62
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		83	04-Jul-16	500	475	7.42	53
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		84	11-Jul-16	500	490		
	HC-40	Llama	Greywacke	12GSE168	151.90	155.10	0.25	0.24	0.03	11.50		85	18-Jul-16	500	480	7.26	56

HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43
Sample ID	HC number	Deposit	Lithology	Drill hole ID	Depths	Depths	total S wt%S	Sulphide S wt%	InorgCwt%	msNP	NAG pH	Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
Sample ID	HC number				From	To	wt%	wt%	wt%	kgCaCO3/t			UNITS	mL	mL	pH Units	uS/cm
Sample ID	HC number				m	m							RDL		N/A	N/A	0.5
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		0	01-Dec-14	750	610	7.89	130
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		1	08-Dec-14	500	445	7.42	180
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		2	15-Dec-14	500	465	7.45	171
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		3	22-Dec-14	500	465	7.64	140
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		4	29-Dec-14	500	465	7.43	102
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		5	05-Jan-15	500	470	7.56	67
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		6	12-Jan-15	500	470	7.55	59
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		7	19-Jan-15	500	465	7.51	47
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		8	26-Jan-15	500	465	7.51	47
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		9	02-Feb-15	500	455	7.59	51
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		10	09-Feb-15	500	485	7.56	45
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		11	16-Feb-15	500	485	7.42	41
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		12	23-Feb-15	500	460	7.39	40
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		13	02-Mar-15	500	480	7.51	41
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		14	09-Mar-15	500	480	7.68	38
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		15	16-Mar-15	500	480	7.53	35
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		16	23-Mar-15	500	480	7.42	37
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		17	30-Mar-15	500	480	7.36	35
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		18	06-Apr-15	500	495	7.37	32
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		19	13-Apr-15	500	475	7.35	36
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		20	20-Apr-15	500	495	7.32	35
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		21	27-Apr-15	500	475	7.28	29
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		22	04-May-15	500	475	7.34	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		23	11-May-15	500	455	7.33	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		24	18-May-15	500	465	7.32	34
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		25	25-May-15	500	475	7.35	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		26	01-Jun-15	500	450	7.31	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		27	08-Jun-15	500	465	7.34	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		28	15-Jun-15	500	470	7.25	35
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		29	22-Jun-15	500	465	7.30	30
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		30	29-Jun-15	500	480	7.29	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		31	06-Jul-15	500	460	7.31	29
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		32	13-Jul-15	500	460	7.24	27
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		33	20-Jul-15	500	460	7.32	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		34	27-Jul-15	500	465	7.08	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		35	03-Aug-15	500	465	7.10	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		36	10-Aug-15	500	470	7.18	29
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		37	17-Aug-15	500	465	7.26	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		38	24-Aug-15	500	475	6.99	27
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		39	31-Aug-15	500	470	7.03	27

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-40	140															
	HC-40	170	15.7	<0.5	<0.5	9.7	<0.05		0.6					21.5	0.0674	<0.00002	0.00055
	HC-40																
	HC-40	140															

HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43
Sample ID	HC number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
Sample ID	HC number	mV	mg/L	mg CaCO3/L	mg CaCO3/L	mg CaCO3/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample ID	HC number		0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0005	0.00002	0.00002
	HC-43	140	32.4	<0.5	<0.5	11.4	0.07		3.0					22.9	0.189	0.00042	0.00109
	HC-43	140	63.8	<0.5	<0.5	7.9	0.07		1.9					42.6	0.0710	0.00034	0.00184
	HC-43	140	59.5	<0.5	<0.5	9.2	0.07		1.4					44.8	0.110	0.00038	0.00259
	HC-43	140	43.1	<0.5	1.5	10.8	0.09		0.8					34.4	0.0789	0.00040	0.00353
	HC-43	135	26.3	<0.5	<0.5	11.0	0.08		<0.5					28.0	0.0895	0.00042	0.00501
	HC-43	130	16.2	<0.5	1.0	7.9	0.06		<0.5					25.5	0.103	0.00041	0.00719
	HC-43	130	13.6	<0.5	0.7	10.8	0.06		<0.5					18.2	0.129	0.00034	0.00782
	HC-43	155	12.8	<0.5	<0.5	9.5	0.05		<0.5					17.8	0.0892	0.00031	0.00915
	HC-43	150	11.0	<0.5	<0.5	8.2	<0.05		<0.5					15.8	0.0785	0.00027	0.00876
	HC-43	140	11.4	<0.5	<0.5	8.7	<0.05		<0.5					17.3	0.0808	0.00030	0.0108
	HC-43	135	9.9	<0.5	<0.5	8.0	<0.05		<0.5					16.1	0.0642	0.00026	0.00994
	HC-43	145	8.3	<0.5	<0.5	8.3	<0.05		<0.5					14.6	0.0758	0.00024	0.0117
	HC-43	150	8.9	<0.5	<0.5	8.3	<0.05		<0.5					14.7	0.0488	0.00022	0.0114
	HC-43	145	8.1	<0.5	<0.5	9.7	<0.05		<0.5					14.5	0.0524	0.00022	0.0128
	HC-43	130	7.8	<0.5	<0.5	8.0	<0.05		<0.5					13.6	0.0485	0.00022	0.0132
	HC-43	135	6.9	<0.5	0.5	7.8	<0.05		<0.5					12.9	0.0562	0.00020	0.0132
	HC-43	155	7.2	<0.5	<0.5	7.0	<0.05		0.7					13.7	0.0608	0.00021	0.0147
	HC-43	140	6.6	<0.5	<0.5	7.1	<0.05		<0.5					13.2	0.0484	0.00018	0.0139
	HC-43	160	6.4	<0.5	<0.5	5.9	<0.05		<0.5					11.8	0.0587	0.00016	0.0119
	HC-43	160	7.5	<0.5	<0.5	6.5	<0.05		0.5					13.2	0.0384	0.00018	0.0125
	HC-43	160															
	HC-43	140	5.6	<0.5	<0.5	4.9	<0.05		1.6					10.3	0.0351	0.00013	0.0112
	HC-43	140															
	HC-43	120	7.4	<0.5	<0.5	4.8	<0.05		<0.5					11.9	0.0368	0.00015	0.0129
	HC-43	115															
	HC-43	125	7.0	<0.5	<0.5	5.4	<0.05		<0.5					12.4	0.0377	0.00015	0.0123
	HC-43	120															
	HC-43	140	7.7	<0.5	<0.5	4.2	<0.05		<0.5					12.5	0.0400	0.00015	0.0127
	HC-43	140															
	HC-43	120	7.2	<0.5	<0.5	4.7	<0.05		<0.5					11.1	0.0372	0.00014	0.0127
	HC-43	130															
	HC-43	110	6.9	<0.5	<0.5	4.3	<0.05		<0.5					11.0	0.0296	0.00015	0.0142
	HC-43	130															
	HC-43	110	6.9	<0.5	<0.5	4.2	<0.05		<0.5					11.1	0.0230	0.00012	0.0109
	HC-43	110															
	HC-43	120	7.5	<0.5	<0.5	4.2	<0.05		<0.5					12.1	0.0238	0.00013	0.0112
	HC-43	130															
	HC-43	135	7.4	<0.5	0.5	3.5	<0.05		<0.5					11.7	0.0232	0.00014	0.0116
	HC-43	130															
	HC-43	125	6.5	<0.5	<0.5	3.5	<0.05		0.8					10.5	0.0149	0.00013	0.0101

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-40															
	HC-40	0.00339	<0.00001	<0.000005	<0.05	0.00015	<0.000005	4.94	0.0007	0.000032	0.00016	<0.00005	0.005	0.000005	0.0023	2.23
	HC-40															
	HC-40															

HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43
Sample ID	HC number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
Sample ID	HC number	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample ID	HC number	0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
HC-43		0.00370	<0.00001	<0.000005	<0.05	0.00015	0.000013	4.40	<0.0001	0.000728	0.00357	<0.00005	0.014	0.000133	0.0074	2.89
HC-43		0.00461	<0.00001	<0.000005	<0.05	0.00011	0.000008	8.91	<0.0001	0.000782	0.00079	<0.00005	0.014	0.000037	0.0048	4.95
HC-43		0.00466	<0.00001	<0.000005	<0.05	0.00012	0.000007	9.74	0.0001	0.000733	0.00069	0.00005	0.047	0.000055	0.0047	4.98
HC-43		0.00374	<0.00001	<0.000005	<0.05	0.00010	0.000006	7.36	<0.0001	0.000467	0.00055	<0.00005	0.009	0.000022	0.0041	3.88
HC-43		0.00288	<0.00001	<0.000005	<0.05	0.00007	<0.000005	6.42	<0.0001	0.000388	0.00037	<0.00005	0.007	0.000021	0.0037	2.91
HC-43		0.00268	<0.00001	<0.000005	<0.05	0.00007	<0.000005	5.65	<0.0001	0.000417	0.00067	<0.00005	0.013	0.000032	0.0030	2.76
HC-43		0.00184	<0.00001	<0.000005	<0.05	0.00005	<0.000005	4.04	<0.0001	0.000312	0.00161	<0.00005	0.009	0.000026	0.0027	1.97
HC-43		0.00182	<0.00001	<0.000005	<0.05	0.00005	<0.000005	4.06	<0.0001	0.000356	0.00028	<0.00005	0.008	0.000023	0.0022	1.86
HC-43		0.00165	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.47	<0.0001	0.000386	0.00048	<0.00005	0.008	0.000033	0.0011	1.72
HC-43		0.00174	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.77	<0.0001	0.000385	0.00031	<0.00005	0.008	0.000024	0.0019	1.92
HC-43		0.00161	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.71	<0.0001	0.000416	0.00038	<0.00005	0.009	0.000022	0.0014	1.66
HC-43		0.00153	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.20	<0.0001	0.000444	0.00036	<0.00005	0.010	0.000039	0.0011	1.60
HC-43		0.00136	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.23	<0.0001	0.000431	0.00049	<0.00005	0.006	0.000018	0.0010	1.61
HC-43		0.00132	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.23	<0.0001	0.000362	0.00025	<0.00005	0.004	0.000015	0.0012	1.57
HC-43		0.00127	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.06	<0.0001	0.000403	0.00025	<0.00005	0.005	0.000015	0.0014	1.46
HC-43		0.00119	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.89	<0.0001	0.000362	0.00045	<0.00005	0.009	0.000026	0.0013	1.37
HC-43		0.00121	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.04	<0.0001	0.000396	0.00162	<0.00005	0.011	0.000027	0.0015	1.49
HC-43		0.00116	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.90	<0.0001	0.000404	0.00033	<0.00005	0.007	0.000018	0.0013	1.44
HC-43		0.00108	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.67	<0.0001	0.000379	0.00034	<0.00005	0.012	0.000033	0.0012	1.24
HC-43		0.00121	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.91	<0.0001	0.000452	0.00029	<0.00005	0.005	0.000013	0.0007	1.45
HC-43																
HC-43		0.00093	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.37	<0.0001	0.000432	0.00031	<0.00005	0.005	0.000013	0.0008	1.06
HC-43																
HC-43		0.00099	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.74	<0.0001	0.000430	0.00033	<0.00005	0.005	0.000020	0.0006	1.22
HC-43																
HC-43		0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000010	2.85	<0.0001	0.000405	0.00026	<0.00005	0.008	0.000018	0.0013	1.29
HC-43																
HC-43		0.00114	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.77	<0.0001	0.000484	0.00031	<0.00005	0.008	0.000020	<0.0005	1.36
HC-43																
HC-43		0.00088	<0.00001	<0.000005	<0.05	<0.00005	0.000010	2.42	<0.0001	0.000604	0.00031	<0.00005	0.006	0.000024	0.0011	1.22
HC-43																
HC-43		0.00100	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.38	0.0001	0.000540	0.00027	<0.00005	0.006	0.000016	0.0016	1.22
HC-43																
HC-43		0.00094	<0.00001	<0.000005	<0.05	<0.00005	0.000006	2.43	<0.0001	0.000654	0.00024	<0.00005	0.003	0.000010	0.0009	1.22
HC-43																
HC-43		0.00114	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.55	<0.0001	0.000817	0.00037	<0.00005	0.011	0.000014	0.0011	1.39
HC-43																
HC-43		0.00109	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.52	<0.0001	0.000892	0.00029	<0.00005	0.004	0.000018	0.0013	1.30
HC-43																
HC-43		0.00099	<0.00001	<0.000005	<0.05	<0.00005	0.000005	2.24	<0.0001	0.000999	0.00027	<0.00005	0.002	0.000008	0.0006	1.19

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002

HC-40																
HC-40		0.00050	<0.00001	0.004	0.00062	0.00049	1.83	0.00441	<0.00004	0.8	<0.000005	0.17	0.00635	<10	<0.00002	0.000004
HC-40																
HC-40																

HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43
Sample ID	HC number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
Sample ID	HC number	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample ID	HC number	0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002

HC-43		0.00763	<0.00001	0.003	0.00072	0.00252	7.48	0.00740	0.00455	0.7	<0.000005	9.78	0.0241	14	<0.00002	0.000070
HC-43		0.0107	<0.00001	0.006	0.00201	0.00065	6.47	0.00530	0.00505	0.9	<0.000005	10.2	0.0371	20	<0.00002	0.000078
HC-43		0.00960	<0.00001	0.009	0.00205	0.00053	6.21	0.00502	0.00377	1.2	<0.000005	8.38	0.0372	18	<0.00002	0.000070
HC-43		0.00705	<0.00001	0.006	0.00175	0.00033	4.88	0.00411	0.00208	1.2	<0.000005	5.44	0.0295	12	<0.00002	0.000048
HC-43		0.00508	<0.00001	0.005	0.00143	0.00029	3.85	0.00336	0.00158	1.3	<0.000005	3.64	0.0225	<10	<0.00002	0.000036
HC-43		0.00489	<0.00001	0.006	0.00126	0.00033	3.57	0.00317	0.00113	1.6	<0.000005	2.93	0.0194	<10	<0.00002	0.000043
HC-43		0.00330	<0.00001	0.004	0.00093	0.00027	2.48	0.00234	0.00065	1.3	<0.000005	1.83	0.0140	<10	<0.00002	0.000030
HC-43		0.00298	<0.00001	0.002	0.00095	0.00024	2.22	0.00198	0.00057	1.4	<0.000005	1.51	0.0131	<10	<0.00002	0.000026
HC-43		0.00253	<0.00001	0.003	0.00094	0.00026	1.86	0.00171	0.00045	1.2	<0.000005	1.17	0.0113	<10	<0.00002	0.000021
HC-43		0.00204	<0.00001	<0.002	0.00120	0.00022	1.89	0.00173	0.00046	1.4	<0.000005	1.16	0.0121	<10	<0.00002	0.000022
HC-43		0.00131	<0.00001	0.003	0.00133	0.00031	1.54	0.00142	0.00035	1.2	<0.000005	0.92	0.0107	<10	<0.00002	0.000018
HC-43		0.00131	<0.00001	0.003	0.00149	0.00027	1.48	0.00133	0.00034	1.3	<0.000005	0.81	0.0106	<10	<0.00002	0.000018
HC-43		0.00084	<0.00001	0.004	0.00177	0.00025	1.29	0.00119	0.00032	1.7	<0.000005	0.74	0.00985	<10	<0.00002	0.000015
HC-43		0.00057	<0.00001	0.007	0.00216	0.00018	1.32	0.00119	0.00032	1.8	<0.000005	0.74	0.00969	<10	<0.00002	0.000017
HC-43		0.00069	<0.00001	0.007	0.00259	0.00022	1.20	0.00112	0.00031	2.0	<0.000005	0.64	0.00896	<10	<0.00002	0.000014
HC-43		0.00056	<0.00001	0.007	0.00306	0.00021	1.10	0.00103	0.00026	1.7	<0.000005	0.59	0.00816	<10	<0.00002	0.000012
HC-43		0.00050	<0.00001	0.003	0.00432	0.00023	1.03	0.00107	0.00037	1.4	<0.000005	0.62	0.00876	<10	<0.00002	0.000020
HC-43		0.00059	<0.00001	<0.002	0.00488	0.00020	1.00	0.00101	0.00024	1.5	<0.000005	0.55	0.00828	<10	<0.00002	0.000013
HC-43		0.00057	<0.00001	<0.002	0.00556	0.00016	0.84	0.00084	0.00022	1.3	<0.000005	0.45	0.00748	<10	<0.00002	0.000011
HC-43		0.00064	<0.00001	<0.002	0.00757	0.00021	0.91	0.00093	0.00024	1.4	<0.000005	0.48	0.00839	<10	<0.00002	0.000011
HC-43																
HC-43		0.00068	<0.00001	0.004	0.00742	0.00023	0.66	0.00071	0.00020	1.2	<0.000005	0.35	0.00622	<10	<0.00002	0.000006
HC-43																
HC-43		0.00083	0.00001	0.006	0.00931	0.00023	0.73	0.00072	0.00020	1.3	<0.000005	0.39	0.00663	<10	<0.00002	0.000011
HC-43																
HC-43		0.00108	<0.00001	<0.002	0.00927	0.00017	0.67	0.00076	0.00027	1.4	<0.000005	0.37	0.00756	<10	<0.00002	0.000017
HC-43																
HC-43		0.00083	<0.00001	<0.002	0.00811	0.00020	0.66	0.00070	0.00020	1.4	<0.000005	0.36	0.00737	<10	<0.00002	0.000016
HC-43																
HC-43		0.00062	<0.00001	0.003	0.00665	0.00035	0.55	0.00065	0.00020	1.3	<0.000005	0.33	0.00646	<10	<0.00002	0.000015
HC-43																
HC-43		0.00079	<0.00001	0.007	0.00653	0.00018	0.64	0.00067	0.00019	1.4	<0.000005	0.34	0.00672	<10	<0.00002	0.000012
HC-43																
HC-43		0.00108	<0.00001	0.004	0.00580	0.00021	0.54	0.00059	0.00017	1.3	<0.000005	0.30	0.00635	<10	<0.00002	0.000011
HC-43																
HC-43		0.00101	<0.00001	0.005	0.00641	0.00041	0.59	0.00069	0.00018	1.4	<0.000005	0.33	0.00708	<10	<0.00002	0.000015
HC-43																
HC-43		0.00099	<0.00001	0.006	0.00543	0.00035	0.59	0.00066	0.00019	1.5	<0.000005	0.34	0.00662	<10	<0.00002	0.000017
HC-43																
HC-43		0.00143	<0.00001	0.004	0.00402	0.00046	0.52	0.00056	0.00017	1.5	<0.000005	0.30	0.00591	<10	<0.00002	0.000014

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-40															
	HC-40	<0.000005	<0.0002	<0.0005	0.00002	0.000319	0.0002	0.0004	<0.0001	<0.002				0.540	0.491	4.75
	HC-40															
	HC-40															

HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43	HC-43
Sample ID	HC number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
Sample ID	HC number	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
Sample ID	HC number	0.000005	0.0002	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-43	<0.000005	<0.0002	<0.0005	0.00012	0.000045	0.0002	0.0015	<0.0001	<0.002				0.993	1.10	-5.11
	HC-43	<0.000005	<0.0002	<0.0005	0.00005	0.000213	0.0002	0.0002	<0.0001	<0.002				1.55	1.47	2.65
	HC-43	0.000014	<0.0002	0.0005	0.00006	0.000455	0.0004	0.0002	<0.0001	<0.002				1.47	1.43	1.38
	HC-43	0.000009	<0.0002	<0.0005	0.00006	0.000372	0.0004	0.0004	0.0001	<0.002				1.14	1.06	3.82
	HC-43	<0.000005	<0.0002	<0.0005	0.00008	0.000373	0.0005	0.0003	<0.0001	<0.002				0.771	0.827	-3.50
	HC-43	<0.000005	<0.0002	<0.0005	0.00009	0.000316	0.0007	0.0002	<0.0001	<0.002				0.499	0.740	-19.5
	HC-43	<0.000005	<0.0002	<0.0005	0.00007	0.000222	0.0006	0.0001	0.0001	<0.002				0.503	0.521	-1.76
	HC-43	<0.000005	<0.0002	0.0006	0.00007	0.000227	0.0007	<0.0001	<0.0001	<0.002				0.458	0.488	-3.17
	HC-43	<0.000005	<0.0002	0.0006	0.00005	0.000215	0.0006	0.0001	<0.0001	<0.002				0.393	0.422	-3.56
	HC-43	<0.000005	<0.0002	<0.0005	0.00005	0.000262	0.0007	0.0002	<0.0001	<0.002				0.411	0.454	-4.97
	HC-43	0.000006	<0.0002	0.0006	0.00004	0.000222	0.0007	0.0002	0.0001	<0.002				0.367	0.409	-5.41
	HC-43	0.000006	<0.0002	0.0012	0.00003	0.000221	0.0007	0.0007	<0.0001	<0.002				0.338	0.373	-4.92
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000209	0.0009	<0.0001	<0.0001	<0.002				0.351	0.364	-1.82
	HC-43	0.000006	<0.0002	<0.0005	0.00003	0.000195	0.0010	0.0002	<0.0001	<0.002				0.363	0.362	0.140
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000201	0.0012	0.0001	<0.0001	<0.002				0.322	0.337	-2.28
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000210	0.0015	0.0003	<0.0001	<0.002				0.299	0.317	-2.92
	HC-43	<0.000005	<0.0002	0.0007	0.00003	0.000197	0.0007	0.0005	<0.0001	<0.002				0.310	0.334	-3.73
	HC-43	0.000006	<0.0002	0.0006	0.00003	0.000206	0.0009	0.0002	0.0001	<0.002				0.280	0.319	-6.51
	HC-43	0.000007	<0.0002	0.0007	0.00003	0.000163	0.0009	<0.0001	<0.0001	<0.002				0.251	0.283	-5.99
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000214	0.0009	0.0003	<0.0001	<0.002				0.302	0.314	-1.95
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000123	0.0007	0.0002	<0.0001	<0.002				0.259	0.242	3.39
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000142	0.0009	0.0001	<0.0001	<0.002				0.252	0.278	-4.91
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000109	0.0007	0.0007	<0.0001	<0.002				0.254	0.286	-5.93
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000133	0.0007	0.0002	<0.0001	<0.002				0.244	0.287	-8.10
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000108	0.0007	0.0005	<0.0001	<0.002				0.245	0.254	-1.80
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00003	0.000096	0.0008	0.0002	<0.0001	<0.002				0.230	0.255	-5.15
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000088	0.0006	0.0003	<0.0001	<0.002				0.227	0.251	-5.02
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000099	0.0006	0.0002	<0.0001	<0.002				0.239	0.274	-6.82
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000079	0.0007	0.0003	<0.0001	<0.002				0.225	0.265	-8.16
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000060	0.0006	0.0001	<0.0001	<0.002				0.227	0.237	-2.16

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		40	07-Sep-15	500	475	7.18	30
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		41	14-Sep-15	500	465	7.16	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		42	21-Sep-15	500	490	7.07	27
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		43	28-Sep-15	500	460	7.06	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		44	05-Oct-15	500	475	7.12	27
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		45	12-Oct-15	500	490	7.15	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		46	19-Oct-15	500	455	7.08	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		47	26-Oct-15	500	455	7.23	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		48	02-Nov-15	500	450	6.93	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		49	09-Nov-15	500	490	7.08	31
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		50	16-Nov-15	500	470	7.05	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		51	23-Nov-15	500	465	6.95	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		52	30-Nov-15	500	470	6.89	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		53	07-Dec-15	500	465	6.95	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		54	14-Dec-15	500	480	7.00	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		55	21-Dec-15	500	475	6.89	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		56	28-Dec-15	500	465	6.98	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		57	04-Jan-16	500	470	6.68	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		58	11-Jan-16	500	480	6.84	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		59	18-Jan-16	500	475	6.86	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		60	25-Jan-16	500	485	6.94	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		61	01-Feb-16	500	450	6.88	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		62	08-Feb-16	500	465	6.60	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		63	15-Feb-16	500	495	6.58	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		64	22-Feb-16	500	445	6.66	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		65	29-Feb-16	500	480	6.72	24
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		66	07-Mar-16	500	470	6.73	20
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		67	14-Mar-16	500	475	6.48	21
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		68	21-Mar-16	500	475	6.76	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		69	28-Mar-16	500	480	6.64	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		70	04-Apr-16	500	460	6.57	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		71	11-Apr-16	500	480	6.50	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		72	18-Apr-16	500	455	6.45	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		73	25-Apr-16	500	470	6.25	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		74	02-May-16	500	470	6.37	24
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		75	09-May-16	500	470	6.32	24
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		76	16-May-16	500	470	6.45	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		77	23-May-16	500	490	6.31	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		78	30-May-16	500	455	6.26	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		79	06-Jun-16	500	470	6.35	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		80	13-Jun-16	500	490	6.36	24
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		81	20-Jun-16	500	470	6.08	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		82	27-Jun-16	500	460	6.11	24
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		83	04-Jul-16	500	485	6.13	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		84	11-Jul-16	500	495		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		85	18-Jul-16	500	475	5.87	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		86	25-Jul-16	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		87	01-Aug-16	500	470	6.09	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		88	08-Aug-16	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		89	15-Aug-16	500	480	5.92	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		90	22-Aug-16	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-43	130															
	HC-43	130	6.8	<0.5	<0.5	4.5	<0.05		<0.5					10.3	0.0283	0.00013	0.0107
	HC-43	130															
	HC-43	145	6.2	<0.5	<0.5	3.3	<0.05		<0.5					9.9	0.0151	0.00012	0.0101
	HC-43	140															
	HC-43	140	7.0	<0.5	<0.5	4.1	<0.05		0.5					10.8	0.0229	0.00013	0.0104
	HC-43	125															
	HC-43	130	6.7	<0.5	<0.5	3.4	<0.05		<0.5					9.9	0.0126	0.00015	0.00997
	HC-43	140															
	HC-43	130	7.4	<0.5	<0.5	2.9	<0.05		<0.5					11.1	0.0132	0.00015	0.0120
	HC-43	115															
	HC-43	130	7.3	<0.5	<0.5	2.8	<0.05		<0.5					9.8	0.0103	0.00012	0.00897
	HC-43	120															
	HC-43	130	6.4	<0.5	<0.5	2.8	<0.05		<0.5					9.4	0.0157	0.00012	0.00813
	HC-43	120															
	HC-43	115	6.7	<0.5	<0.5	1.9	<0.05		<0.5					8.8	0.0083	0.00011	0.00662
	HC-43	120															
	HC-43	130	6.9	<0.5	<0.5	1.4	<0.05		<0.5					8.0	0.0056	0.00010	0.00619
	HC-43	130															
	HC-43	140	7.4	<0.5	<0.5	1.6	<0.05		<0.5					8.3	0.0052	0.00011	0.00622
	HC-43	150															
	HC-43	155	6.8	<0.5	<0.5	2.3	<0.05		<0.5					8.5	0.0048	0.00010	0.00495
	HC-43	130															
	HC-43	125	6.5	<0.5	0.7	1.9	<0.05		<0.5					8.0	0.0046	0.00011	0.00461
	HC-43	120															
	HC-43	130	7.1	<0.5	<0.5	1.6	<0.05		<0.5					8.3	0.0032	0.00010	0.00424
	HC-43	125															
	HC-43	130	6.4	<0.5	<0.5	2.2	<0.05		0.8					7.6	0.0027	0.00009	0.00409
	HC-43	140															
	HC-43	130	7.1	<0.5	<0.5	0.9	<0.05		<0.5					7.7	0.0117	0.00009	0.00339
	HC-43	125															
	HC-43	140	6.6	<0.5	<0.5	1.7	<0.05		<0.5					7.7	0.0021	0.00008	0.00278
	HC-43	150															
	HC-43	150	7.3	<0.5	<0.5	0.8	<0.05		0.5					8.8	0.0015	0.00009	0.00266
	HC-43	125															
	HC-43	150	7.3	<0.5	<0.5	1.5	<0.05		0.7					8.3	0.0012	0.00008	0.00244
	HC-43	140															
	HC-43	140	8.6	<0.5	<0.5	1.1	<0.05		<0.5					9.4	0.0014	0.00007	0.00217
	HC-43	140															
	HC-43	150	8.0	<0.5	0.6	1.8	<0.05		0.6					8.4	0.0016	0.00008	0.00201
	HC-43	150															
	HC-43	140	7.2	<0.5	<0.5	0.8	<0.05		0.6					7.4	0.0030	0.00007	0.00162
	HC-43	130															
	HC-43	150	9.1	<0.5	1.2	0.5	<0.05		<0.5					7.7	0.0013	0.00006	0.00141
	HC-43																
	HC-43	160															
	HC-43																
	HC-43	150	7.8	<0.5	<0.5	0.6	<0.05		<0.5					7.7	0.0013	0.00005	0.00108
	HC-43																
	HC-43	170															
	HC-43																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-43															
	HC-43	0.00095	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.22	<0.0001	0.00109	0.00032	<0.00005	0.004	0.000017	0.0009	1.16
	HC-43															
	HC-43	0.00095	<0.00001	0.000005	<0.05	<0.00005	<0.000005	2.11	<0.0001	0.00111	0.00027	<0.00005	0.002	0.000014	0.0010	1.12
	HC-43															
	HC-43	0.00116	<0.00001	<0.000005	<0.05	<0.00005	0.000007	2.26	<0.0001	0.00123	0.00039	<0.00005	0.012	0.000022	0.0013	1.26
	HC-43															
	HC-43	0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000007	2.10	<0.0001	0.00148	0.00049	<0.00005	0.002	0.000009	0.0012	1.14
	HC-43															
	HC-43	0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000006	2.29	<0.0001	0.00144	0.00026	<0.00005	0.002	0.000010	0.0012	1.32
	HC-43															
	HC-43	0.00109	<0.00001	<0.000005	<0.05	<0.00005	0.000020	2.08	<0.0001	0.00178	0.00036	<0.00005	0.004	0.000135	0.0012	1.13
	HC-43															
	HC-43	0.00099	<0.00001	<0.000005	<0.05	<0.00005	0.000011	1.98	<0.0001	0.00182	0.00033	<0.00005	0.004	0.000015	0.0007	1.08
	HC-43															
	HC-43	0.00104	<0.00001	<0.000005	<0.05	<0.00005	0.000008	1.88	<0.0001	0.00219	0.00043	<0.00005	0.003	0.000006	0.0010	1.00
	HC-43															
	HC-43	0.00095	<0.00001	<0.000005	<0.05	<0.00005	0.000011	1.65	<0.0001	0.00231	0.00052	<0.00005	<0.001	0.000037	0.0012	0.93
	HC-43															
	HC-43	0.00126	<0.00001	<0.000005	<0.05	<0.00005	0.000030	1.74	<0.0001	0.00241	0.00045	<0.00005	<0.001	0.000012	0.0007	0.96
	HC-43															
	HC-43	0.00123	<0.00001	<0.000005	<0.05	<0.00005	0.000012	1.74	<0.0001	0.00293	0.00036	<0.00005	0.002	0.000006	0.0012	1.01
	HC-43															
	HC-43	0.00116	<0.00001	<0.000005	<0.05	<0.00005	0.000011	1.61	<0.0001	0.00314	0.00054	<0.00005	<0.001	0.000006	0.0009	0.97
	HC-43															
	HC-43	0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000015	1.72	<0.0001	0.00397	0.00046	<0.00005	0.001	0.000007	0.0012	0.96
	HC-43															
	HC-43	0.00106	<0.00001	<0.000005	<0.05	<0.00005	0.000018	1.48	<0.0001	0.00354	0.00059	<0.00005	<0.001	<0.000005	0.0011	0.94
	HC-43															
	HC-43	0.00119	<0.00001	<0.000005	<0.05	<0.00005	0.000017	1.55	<0.0001	0.00422	0.00081	<0.00005	0.004	0.000019	0.0011	0.94
	HC-43															
	HC-43	0.00125	<0.00001	<0.000005	<0.05	<0.00005	0.000018	1.57	<0.0001	0.00511	0.00105	<0.00005	0.001	0.000021	0.0011	0.92
	HC-43															
	HC-43	0.00139	<0.00001	<0.000005	<0.05	<0.00005	0.000023	1.72	<0.0001	0.00641	0.00109	<0.00005	0.001	<0.000005	0.0009	1.11
	HC-43															
	HC-43	0.00137	<0.00001	<0.000005	<0.05	<0.00005	0.000027	1.67	<0.0001	0.00685	0.00132	<0.00005	0.001	<0.000005	0.0013	1.01
	HC-43															
	HC-43	0.00163	<0.00001	<0.000005	<0.05	<0.00005	0.000031	1.88	<0.0001	0.0107	0.00215	0.00006	0.001	0.000014	0.0013	1.13
	HC-43															
	HC-43	0.00144	<0.00001	<0.000005	<0.05	<0.00005	0.000032	1.65	<0.0001	0.0101	0.00162	<0.00005	<0.001	0.000007	0.0012	1.02
	HC-43															
	HC-43	0.00134	<0.00001	<0.000005	<0.05	<0.00005	0.000027	1.46	<0.0001	0.00916	0.00179	<0.00005	0.004	0.000025	0.0013	0.92
	HC-43															
	HC-43	0.00150	<0.00001	<0.000005	<0.05	<0.00005	0.000040	1.57	<0.0001	0.0114	0.00218	<0.00005	<0.001	0.000035	0.0010	0.92
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.00179	0.00002	<0.000005	<0.05	<0.00005	0.000052	1.47	<0.0001	0.0177	0.00423	<0.00005	0.002	0.000028	0.0013	0.99
	HC-43															
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-43															
	HC-43	0.00147	<0.00001	0.009	0.00348	0.00035	0.51	0.00059	0.00017	1.7	<0.000005	0.30	0.00605	<10	<0.00002	0.000016
	HC-43															
	HC-43	0.00125	<0.00001	0.008	0.00321	0.00032	0.51	0.00057	0.00016	1.6	<0.000005	0.29	0.00626	<10	<0.00002	0.000015
	HC-43															
	HC-43	0.00183	<0.00001	0.004	0.00343	0.00045	0.54	0.00063	0.00021	1.8	<0.000005	0.31	0.00649	<10	<0.00002	0.000014
	HC-43															
	HC-43	0.00199	<0.00001	0.002	0.00295	0.00051	0.52	0.00054	0.00018	1.9	<0.000005	0.32	0.00593	<10	<0.00002	0.000016
	HC-43															
	HC-43	0.00224	<0.00001	0.006	0.00298	0.00049	0.59	0.00066	0.00020	2.4	<0.000005	0.37	0.00684	<10	<0.00002	0.000017
	HC-43															
	HC-43	0.00304	<0.00001	0.004	0.00236	0.00052	0.53	0.00063	0.00017	2.0	<0.000005	0.32	0.00597	<10	<0.00002	0.000015
	HC-43															
	HC-43	0.00310	<0.00001	0.005	0.00218	0.00056	0.49	0.00056	0.00017	2.0	<0.000005	0.29	0.00579	<10	<0.00002	0.000012
	HC-43															
	HC-43	0.00410	<0.00001	0.004	0.00162	0.00064	0.44	0.00053	0.00016	2.1	<0.000005	0.29	0.00618	<10	<0.00002	0.000013
	HC-43															
	HC-43	0.00444	<0.00001	0.005	0.00128	0.00072	0.42	0.00049	0.00016	2.0	<0.000005	0.28	0.00528	<10	<0.00002	0.000012
	HC-43															
	HC-43	0.00494	<0.00001	0.002	0.00117	0.00072	0.43	0.00059	0.00017	2.3	<0.000005	0.29	0.00545	<10	<0.00002	0.000011
	HC-43															
	HC-43	0.00560	<0.00001	0.003	0.00112	0.00087	0.41	0.00055	0.00014	2.1	<0.000005	0.29	0.00551	<10	<0.00002	0.000011
	HC-43															
	HC-43	0.00603	<0.00001	0.004	0.00101	0.00092	0.43	0.00050	0.00014	2.2	<0.000005	0.28	0.00517	<10	<0.00002	0.000010
	HC-43															
	HC-43	0.00707	<0.00001	0.003	0.00090	0.00111	0.46	0.00056	0.00015	2.3	<0.000005	0.28	0.00582	<10	<0.00002	0.000014
	HC-43															
	HC-43	0.00614	<0.00001	0.003	0.00101	0.00108	0.43	0.00054	0.00010	2.2	<0.000005	0.27	0.00492	<10	<0.00002	0.000014
	HC-43															
	HC-43	0.00779	<0.00001	<0.002	0.00091	0.00120	0.43	0.00059	0.00012	2.2	<0.000005	0.31	0.00583	<10	<0.00002	0.000010
	HC-43															
	HC-43	0.00803	<0.00001	0.005	0.00089	0.00156	0.44	0.00073	0.00014	2.2	<0.000005	0.29	0.00558	<10	<0.00002	0.000014
	HC-43															
	HC-43	0.0108	<0.00001	0.006	0.00083	0.00181	0.46	0.00068	0.00017	2.4	<0.000005	0.33	0.00658	<10	<0.00002	0.000012
	HC-43															
	HC-43	0.0122	<0.00001	<0.002	0.00066	0.00191	0.45	0.00068	0.00015	2.5	<0.000005	0.31	0.00644	<10	<0.00002	0.000019
	HC-43															
	HC-43	0.0191	<0.00001	<0.002	0.00050	0.00296	0.45	0.00074	0.00018	2.8	<0.000005	0.32	0.00814	<10	<0.00002	0.000020
	HC-43															
	HC-43	0.0184	<0.00001	0.002	0.00048	0.00268	0.44	0.00066	0.00016	2.4	<0.000005	0.30	0.00698	<10	<0.00002	0.000023
	HC-43															
	HC-43	0.0180	<0.00001	0.004	0.00042	0.00247	0.39	0.00064	0.00015	2.1	<0.000005	0.27	0.00661	<10	<0.00002	0.000019
	HC-43															
	HC-43	0.0221	<0.00001	0.006	0.00037	0.00310	0.37	0.00063	0.00016	2.4	<0.000005	0.26	0.00661	<10	<0.00002	0.000021
	HC-43															
	HC-43															
	HC-43	0.0312	<0.00001	0.009	0.00024	0.00474	0.35	0.00054	0.00014	2.2	<0.000005	0.28	0.00703	<10	<0.00002	0.000026
	HC-43															
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000056	0.0016	0.0004	<0.0001	<0.002				0.23	0.24	-0.85
	HC-43															
	HC-43	<0.000005	<0.0002	0.0006	0.00002	0.000047	0.0026	0.0004	<0.0001	<0.002				0.20	0.23	-7.14
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000056	0.0021	0.0006	<0.0001	<0.002				0.24	0.25	-0.61
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000055	0.0019	0.0003	<0.0001	<0.002				0.21	0.23	-4.61
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000036	<0.0002	0.0006	<0.0001	<0.002				0.21	0.26	-9.40
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000035	0.0017	0.0006	<0.0001	<0.002				0.21	0.23	-3.93
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00002	0.000029	0.0012	0.0006	<0.0001	<0.002				0.19	0.22	-6.17
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00001	0.000026	0.0002	0.0003	<0.0001	<0.002				0.18	0.20	-5.79
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00001	0.000023	0.0006	0.0005	<0.0001	<0.002				0.17	0.18	-3.10
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00001	0.000022	0.0007	0.0009	<0.0001	<0.002				0.19	0.19	-1.33
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00001	0.000016	0.0005	0.0004	<0.0001	<0.002				0.19	0.20	-1.83
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000017	0.0005	0.0007	<0.0001	<0.002				0.17	0.19	-3.06
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	0.0008	0.0007	<0.0001	<0.002				0.181	0.190	-2.43
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	0.0003	0.0007	<0.0001	<0.002				0.200	0.175	6.67
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	0.00001	0.000012	0.0007	0.0007	0.0001	<0.002				0.165	0.181	-4.62
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	0.0006	0.0012	<0.0001	0.003				0.170	0.179	-2.58
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	0.0003	0.0012	<0.0001	<0.002				0.182	0.204	-5.70
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	0.0004	0.0013	<0.0001	<0.002				0.202	0.193	2.28
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	0.0003	0.0019	<0.0001	<0.002				0.203	0.214	-2.64
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	0.0003	0.0019	<0.0001	<0.002				0.221	0.192	7.02
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0019	<0.0001	<0.002				0.183	0.172	3.10
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000013	<0.0002	0.0022	<0.0001	<0.002				0.199	0.176	6.13
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	<0.0002	0.0036	<0.0001	<0.002				0.18	0.18	-0.85
	HC-43															
	HC-43															
	HC-43															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		91	29-Aug-16	500	475	6.00	21
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		92	05-Sep-16	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		93	12-Sep-16	500	495	5.96	19
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		94	19-Sep-16	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		95	26-Sep-16	500	465	5.94	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		96	03-Oct-16	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		97	10-Oct-16	500	460	6.02	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		98	17-Oct-16	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		99	24-Oct-16	500	480	5.94	20
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		100	31-Oct-16	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		101	07-Nov-16	500	475	5.83	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		102	14-Nov-16	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		103	21-Nov-16	500	475	6.01	24
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		104	29-Nov-16	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		105	05-Dec-16	500	470	5.88	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		106	12-Dec-16	500	450		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		107	19-Dec-16	500	475	6.08	23
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		108	26-Dec-16	500	455		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		109	02-Jan-17	500	450	5.86	29
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		110	10-Jan-17	500	480		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		111	16-Jan-17	500	465	5.74	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		112	23-Jan-17	500	485		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		113	30-Jan-17	500	480	5.75	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		114	06-Feb-17	500	450		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		115	13-Feb-17	500	480	5.67	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		116	20-Feb-17	500	450		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		117	27-Feb-17	500	460	5.41	22
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		118	06-Mar-17	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		119	13-Mar-17	500	490	5.46	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		120	20-Mar-17	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		121	27-Mar-17	500	460	5.43	28
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		122	03-Apr-17	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		123	10-Apr-17	500	500	5.26	25
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		124	17-Apr-17	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		125	24-Apr-17	500	470	5.17	26
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		126	01-May-17	500	480		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		127	08-May-17	500	465	4.95	29
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		128	15-May-17	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		129	22-May-17	500	455	5.64	39
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		130	29-May-17	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		131	05-Jun-17	500	485	5.05	33
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		132	12-Jun-17	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		133	19-Jun-17	500	480	4.91	39
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		134	26-Jun-17	500	455		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		135	03-Jul-17	500	460	4.86	52
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		136	10-Jul-17	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		137	17-Jul-17	500	475	4.62	45
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		138	24-Jul-17	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		139	31-Jul-17	500	465	4.47	56
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		140	7-Aug-17	500	485		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		141	14-Aug-17	500	470	4.42	52

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-43	145	6.5	<0.5	<0.5	0.5	<0.05		0.6					6.6	0.0007	0.00005	0.00124
	HC-43																
	HC-43	150															
	HC-43																
	HC-43	170	7.4	<0.5	0.6	<0.5	<0.05		0.6					6.7	0.0008	0.00005	0.00107
	HC-43																
	HC-43	180															
	HC-43																
	HC-43	185	6.6	<0.5	<0.5	0.9	<0.05		<0.5					6.6	0.0023	0.00005	0.00091
	HC-43																
	HC-43	195															
	HC-43																
	HC-43	200	7.1	<0.5	0.6	0.7	<0.05		<0.5					7.1	0.0012	0.00004	0.00093
	HC-43																
	HC-43	165															
	HC-43																
	HC-43	190	7.6	<0.5	<0.5	0.7	<0.05		<0.5					7.6	0.0016	0.00004	0.00091
	HC-43																
	HC-43	200															
	HC-43																
	HC-43	220	6.8	<0.5	<0.5	<0.5	<0.05		0.5					6.5	0.0021	0.00004	0.00080
	HC-43																
	HC-43	220															
	HC-43																
	HC-43	230	8.1	<0.5	<0.5	0.5	<0.05		<0.5					7.7	0.0026	0.00003	0.00086
	HC-43																
	HC-43	240															
	HC-43																
	HC-43	245	8.5	<0.5	0.6	<0.5	<0.05		<0.5					7.4	0.0060	0.00003	0.00064
	HC-43																
	HC-43	255															
	HC-43																
	HC-43	260	8.7	<0.5	0.7	<0.5	<0.05		<0.5					8.0	0.0182	<0.00002	0.00055
	HC-43																
	HC-43	190															
	HC-43																
	HC-43	220	9.5	<0.5	1.5	<0.5	<0.05		0.7					8.3	0.132	0.00002	0.00058
	HC-43																
	HC-43	190															
	HC-43																
	HC-43	220	9.7	<0.5	1.4	<0.5	<0.05		<0.5					7.9	0.0913	<0.00002	0.00035
	HC-43																
	HC-43	250															
	HC-43																
	HC-43	250	14.6	<0.5	4.4	<0.5	<0.05		<0.5					11.2	0.330	0.00002	0.00038
	HC-43																
	HC-43	250															
	HC-43																
	HC-43	260	15	<0.5	11.4	<0.5	0.06		<0.5					8.2	0.773	0.00002	0.00034
	HC-43																
	HC-43	275															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-43	0.00157	<0.00001	<0.000005	<0.05	<0.00005	0.000040	1.27	<0.0001	0.0153	0.00363	<0.00005	0.001	0.000010	0.0011	0.83
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.00181	<0.00001	<0.000005	<0.05	<0.00005	0.000056	1.28	<0.0001	0.0174	0.00382	<0.00005	0.001	0.000016	0.0015	0.85
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.00185	<0.00001	<0.000005	<0.05	<0.00005	0.000063	1.22	<0.0001	0.0185	0.00264	<0.00005	<0.001	0.000012	0.0014	0.86
	HC-43															
	HC-43															
	HC-43	0.00227	0.00001	<0.000005	<0.05	0.00006	0.000076	1.36	<0.0001	0.0237	0.00608	<0.00005	0.003	0.000017	0.0012	0.90
	HC-43															
	HC-43															
	HC-43	0.00273	0.00002	<0.000005	<0.05	<0.00005	0.000096	1.45	<0.0001	0.0312	0.01020	<0.00005	0.002	0.000027	0.0017	0.95
	HC-43															
	HC-43															
	HC-43	0.00260	0.00003	<0.000005	<0.05	<0.00005	0.000086	1.22	<0.0001	0.0347	0.01390	<0.00005	0.002	0.000034	0.0014	0.83
	HC-43															
	HC-43															
	HC-43	0.00368	0.00004	<0.000005	<0.05	<0.00005	0.000151	1.45	<0.0001	0.0510	0.0183	<0.00005	0.001	0.000024	0.0020	0.98
	HC-43															
	HC-43															
	HC-43	0.00457	0.00005	<0.000005	<0.05	<0.00005	0.000191	1.43	<0.0001	0.0647	0.0276	<0.00005	0.002	0.000069	0.0021	0.94
	HC-43															
	HC-43															
	HC-43	0.00708	0.00010	<0.000005	<0.05	<0.00005	0.000263	1.56	0.0001	0.0954	0.0471	0.00015	0.006	0.000140	0.0020	1.00
	HC-43															
	HC-43															
	HC-43	0.0136	0.00020	<0.000005	<0.05	<0.00005	0.000347	1.60	0.0003	0.130	0.0913	0.00074	0.061	0.000398	0.0024	1.05
	HC-43															
	HC-43															
	HC-43	0.0158	0.00024	<0.000005	<0.05	<0.00005	0.000425	1.52	<0.0001	0.167	0.0929	0.00070	0.010	0.000252	0.0027	1.00
	HC-43															
	HC-43															
	HC-43	0.0386	0.00055	<0.000005	<0.05	<0.00005	0.000831	2.25	<0.0001	0.352	0.218	0.00305	0.038	0.000603	0.0040	1.36
	HC-43															
	HC-43															
	HC-43	0.0573	0.00107	<0.000005	<0.05	<0.00005	0.000881	1.56	<0.0001	0.391	0.342	0.0069	0.094	0.00088	0.0054	1.04
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-43	0.0296	<0.00001	0.008	0.00023	0.00415	0.35	0.00074	0.00015	2.2	<0.000005	0.25	0.00747	<10	<0.00002	0.000015
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.0351	<0.00001	0.003	0.00020	0.00465	0.36	0.00073	0.00015	2.2	<0.000005	0.26	0.00747	<10	<0.00002	0.000019
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.0368	<0.00001	0.007	0.00016	0.00534	0.33	0.00065	0.00015	2.3	<0.000005	0.26	0.00736	<10	<0.00002	0.000025
	HC-43															
	HC-43															
	HC-43	0.0502	<0.00001	0.004	0.00012	0.00651	0.40	0.00085	0.00016	2.1	<0.000005	0.27	0.00840	<10	<0.00002	0.000030
	HC-43															
	HC-43															
	HC-43	0.0592	<0.00001	0.002	0.00009	0.00857	0.36	0.00088	0.00018	2.3	<0.000005	0.27	0.00931	<10	<0.00002	0.000041
	HC-43															
	HC-43															
	HC-43	0.0579	<0.00001	0.007	0.00006	0.00976	0.30	0.00065	0.00015	1.9	<0.000005	0.25	0.00845	<10	<0.00002	0.000037
	HC-43															
	HC-43															
	HC-43	0.0771	<0.00001	0.005	<0.00005	0.0143	0.33	0.00074	0.00020	2.2	<0.000005	0.27	0.0112	<10	<0.00002	0.000039
	HC-43															
	HC-43															
	HC-43	0.0922	<0.00001	0.003	<0.00005	0.0181	0.32	0.00076	0.00017	2.4	<0.000005	0.27	0.0110	<10	0.00004	0.000042
	HC-43															
	HC-43															
	HC-43	0.114	<0.00001	<0.002	<0.00005	0.0257	0.34	0.00064	0.00013	2.1	<0.000005	0.29	0.0136	<10	<0.00002	0.000037
	HC-43															
	HC-43															
	HC-43	0.143	<0.00001	0.003	<0.00005	0.0356	0.35	0.00069	0.00014	2.1	<0.000005	0.33	0.0150	<10	<0.00002	0.000046
	HC-43															
	HC-43															
	HC-43	0.164	<0.00001	<0.002	<0.00005	0.0421	0.32	0.00061	0.00014	2.0	0.000005	0.28	0.0162	<10	<0.00002	0.000041
	HC-43															
	HC-43															
	HC-43	0.282	<0.00001	0.005	<0.00005	0.0812	0.50	0.00090	0.00023	2.8	0.000007	0.42	0.0276	<10	<0.00002	0.000062
	HC-43															
	HC-43															
	HC-43	0.262	<0.00001	0.006	<0.00005	0.0954	0.5	0.00089	0.00023	2.5	0.00001	0.41	0.0226	<10	0.00003	0.000071
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0028	<0.0001	<0.002				0.16	0.15	2.22
	HC-43															
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0032	<0.0001	<0.002				0.17	0.16	3.98
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	<0.0002	0.0037	<0.0001	<0.002				0.16	0.16	0.00
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	<0.0002	0.0049	<0.0001	<0.002				0.16	0.17	-1.52
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000036	<0.0002	0.0098	<0.0001	<0.002				0.17	0.18	-1.15
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000037	<0.0002	0.0106	<0.0001	<0.002				0.16	0.15	0.65
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000044	<0.0002	0.0125	<0.0001	<0.002				0.18	0.18	0.28
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000078	<0.0002	0.0164	<0.0001	<0.002				0.18	0.18	-0.28
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000157	<0.0002	0.0277	<0.0001	<0.002				0.18	0.20	-3.98
	HC-43															
	HC-43															
	HC-43	0.000010	<0.0002	<0.0005	<0.00001	0.000433	<0.0002	0.0395	<0.0001	<0.002				0.217	0.231	-3.13
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.000430	<0.0002	0.0494	<0.0001	<0.002				0.203	0.209	-1.46
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00109	<0.0002	0.113	<0.0001	<0.002				0.303	0.327	-3.81
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00223	<0.0002	0.15	<0.0001	<0.002				0.317	0.342	-3.79
	HC-43															
	HC-43															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		142	21-Aug-17	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		143	28-Aug-17	500	465	4.31	66
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		144	4-Sep-17	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		145	11-Sep-17	500	470	4.32	60
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		146	18-Sep-17	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		147	25-Sep-17	500	460	4.26	68
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		148	02-Oct-17	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		149	09-Oct-17	500	455	4.20	77
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		150	16-Oct-17	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		151	23-Oct-17	500	475	4.23	69
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		152	30-Oct-17	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		153	06-Nov-17	500	495	4.25	73
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		154	13-Nov-17	500	450		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		155	20-Nov-17	500	470	4.18	78
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		156	27-Nov-17	500	480		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		157	04-Dec-17	500	470	4.16	81
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		158	11-Dec-17	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		159	18-Dec-17	500	470	4.13	83
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		160	25-Dec-17	500	450		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		161	01-Jan-18	500	480	4.13	84
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		162	08-Jan-18	500	480		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		163	15-Jan-18	500	475	4.18	73
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		164	22-Jan-18	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		165	29-Jan-18	500	485	4.16	80
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		166	05-Feb-18	500	490		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		167	12-Feb-18	500	470	4.18	67
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		168	19-Feb-18	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		169	26-Feb-18	500	490	4.15	77.0
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		170	05-Mar-18	500	455		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		171	12-Mar-18	500	475	4.20	73.0
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		172	19-Mar-18	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		173	26-Mar-18	500	465	4.18	74
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		174	02-Apr-18	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		175	09-Apr-18	500	475	4.15	77
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		176	16-Apr-18	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		177	23-Apr-18	500	480	4.16	72
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		178	30-Apr-18	500	480		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		179	07-May-18	500	465	4.15	77
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		180	14-May-18	500	475		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		181	21-May-18	500	490	4.14	74
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		182	28-May-18	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		183	04-Jun-18	500	480	4.19	74
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		184	11-Jun-18	500	500		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		185	18-Jun-18	500	475	4.15	68
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		186	25-Jun-18	500	455		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		187	02-Jul-18	500	490	4.15	65
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		188	09-Jul-18	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		189	16-Jul-18	500	475	4.12	80
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		190	23-Jul-18	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		191	30-Jul-18	500	470	4.20	73
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		192	06-Aug-18	500	460		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-43																
	HC-43	280	19.5	<0.5	15.2	<0.5	0.08		<0.5					5.5	1.74	<0.00002	0.00031
	HC-43																
	HC-43	285															
	HC-43																
	HC-43	300	18.3	0.9	16.7	<0.5	0.05		0.5					3.8	2.11	0.00002	0.00023
	HC-43																
	HC-43	350															
	HC-43																
	HC-43	355	21.9	2.5	20.0	<0.5	<0.05		0.5					3.7	2.40	<0.00002	0.00021
	HC-43																
	HC-43	370															
	HC-43																
	HC-43	370	22.5	1.9	22.5	<0.5	<0.05		<0.5					3.7	2.95	0.00005	0.00032
	HC-43																
	HC-43	380															
	HC-43																
	HC-43	375	25.9	3.7	23.0	<0.5	<0.05		0.7					4.6	2.78	<0.00002	0.00030
	HC-43																
	HC-43	370															
	HC-43																
	HC-43	390	19.1	2.8	17.7	<0.5	<0.05		<0.5					4.1	2.32	<0.00002	0.00019
	HC-43																
	HC-43	395															
	HC-43																
	HC-43	440	17.6	2.8	18.3	<0.5	<0.05		<0.5					3.6	2.14	<0.00002	0.00020
	HC-43																
	HC-43	410															
	HC-43																
	HC-43	420	19.9	2.6	23.3	<0.5	<0.05		0.7					4.4	2.58	<0.00002	0.00021
	HC-43																
	HC-43	440															
	HC-43																
	HC-43	455	21.4	3.9	21.6	<0.5	<0.05		<0.5					4.2	2.82	<0.00002	0.00021
	HC-43																
	HC-43	455															
	HC-43																
	HC-43	445	20.6	3.5	20.8	<0.5	<0.05		<0.5					3.7	2.33	<0.00002	0.00016
	HC-43																
	HC-43	430															
	HC-43																
	HC-43	415	19.3	3.5	19.8	<0.5	<0.05		<0.5					3.7	2.29	<0.00002	0.00015
	HC-43																
	HC-43	420															
	HC-43																
	HC-43	450	17.5	3.1	18.0	<0.5	<0.05		<0.5					3.0	2.00	<0.00002	0.00016
	HC-43																
	HC-43	445															
	HC-43																
	HC-43	450	23.6	3.6	20.7	<0.5	<0.05		<0.5					3.8	2.35	<0.00002	0.00014
	HC-43																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-43															
	HC-43	0.0853	0.00165	<0.000005	<0.05	<0.00005	0.000794	0.97	0.0001	0.375	0.52	0.0167	0.179	0.00124	0.0059	0.74
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.0644	0.00134	<0.000005	<0.05	<0.00005	0.000447	0.57	0.0001	0.220	0.446	0.0170	0.303	0.00137	0.0046	0.58
	HC-43															
	HC-43															
	HC-43	0.0551	0.00107	<0.000005	<0.05	<0.00005	0.000279	0.51	0.0001	0.165	0.460	0.0178	0.241	0.00137	0.0038	0.59
	HC-43															
	HC-43															
	HC-43	0.0518	0.00101	<0.000005	<0.05	<0.00005	0.000241	0.51	0.0002	0.151	0.556	0.0184	0.250	0.00141	0.0041	0.59
	HC-43															
	HC-43															
	HC-43	0.0487	0.00101	<0.000005	<0.05	0.00006	0.000215	0.76	0.0002	0.133	0.572	0.0187	0.201	0.00189	0.0048	0.65
	HC-43															
	HC-43															
	HC-43	0.0376	0.00072	<0.000005	<0.05	<0.00005	0.000159	0.62	0.0001	0.111	0.490	0.0133	0.167	0.00142	0.0036	0.63
	HC-43															
	HC-43															
	HC-43	0.0307	0.00064	<0.000005	<0.05	<0.00005	0.000140	0.58	0.0001	0.091	0.411	0.0117	0.081	0.00135	0.0034	0.53
	HC-43															
	HC-43															
	HC-43	0.0331	0.00063	<0.000005	<0.05	<0.00005	0.000131	0.79	0.0002	0.105	0.495	0.0154	0.147	0.00147	0.0031	0.60
	HC-43															
	HC-43															
	HC-43	0.0308	0.00061	<0.000005	<0.05	<0.00005	0.000137	0.66	0.0002	0.104	0.532	0.0151	0.112	0.00157	0.0038	0.61
	HC-43															
	HC-43															
	HC-43	0.0268	0.00049	<0.000005	<0.05	<0.00005	0.000108	0.63	0.0002	0.0855	0.454	0.0126	0.098	0.00154	0.0032	0.52
	HC-43															
	HC-43															
	HC-43	0.0256	0.00045	<0.000005	<0.05	<0.00005	0.000102	0.65	0.0002	0.0844	0.46	0.0128	0.086	0.00162	0.0033	0.5
	HC-43															
	HC-43															
	HC-43	0.0208	0.00041	<0.000005	<0.05	<0.00005	0.000090	0.52	0.0001	0.0747	0.390	0.0101	0.053	0.00136	0.0027	0.42
	HC-43															
	HC-43															
	HC-43	0.0230	0.00042	<0.000005	<0.05	<0.00005	0.000085	0.63	0.0002	0.0804	0.422	0.0122	0.070	0.00162	0.0034	0.53
	HC-43															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-43															
	HC-43	0.238	<0.00001	0.005	<0.00005	0.0989	0.52	0.00096	0.00026	3.2	0.000015	0.42	0.0162	<10	<0.00002	0.000079
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.149	<0.00001	0.004	<0.00005	0.0781	0.42	0.00080	0.00027	2.7	0.000020	0.37	0.00769	<10	<0.00002	0.000071
	HC-43															
	HC-43															
	HC-43	0.0805	<0.00001	0.004	<0.00005	0.0732	0.36	0.00077	0.00029	2.5	0.000016	0.36	0.00595	<10	<0.00002	0.000064
	HC-43															
	HC-43															
	HC-43	0.0625	<0.00001	0.004	<0.00005	0.0824	0.35	0.00078	0.00030	2.8	0.000021	0.34	0.00521	<10	<0.00002	0.000075
	HC-43															
	HC-43															
	HC-43	0.0575	<0.00001	<0.002	<0.00005	0.0864	0.40	0.00091	0.00029	3.0	0.000019	0.37	0.00627	<10	<0.00002	0.000064
	HC-43															
	HC-43															
	HC-43	0.0459	<0.00001	0.005	<0.00005	0.0762	0.33	0.00063	0.00024	2.6	0.000019	0.35	0.00497	<10	<0.00002	0.000053
	HC-43															
	HC-43															
	HC-43	0.0366	<0.00001	0.004	<0.00005	0.0654	0.26	0.00057	0.00022	2.4	0.000016	0.32	0.00432	<10	0.00005	0.000059
	HC-43															
	HC-43															
	HC-43	0.0371	<0.00001	0.004	<0.00005	0.0771	0.27	0.00064	0.00024	2.3	0.000019	0.35	0.00501	<10	0.00008	0.000065
	HC-43															
	HC-43															
	HC-43	0.0347	<0.00001	0.006	<0.00005	0.0763	0.28	0.00054	0.00023	2.8	0.000011	0.4	0.00513	<10	<0.00002	0.00005
	HC-43															
	HC-43															
	HC-43	0.0289	<0.00001	0.004	<0.00005	0.0666	0.26	0.00051	0.0002	2.6	0.000012	0.35	0.00465	<10	<0.00002	0.000051
	HC-43															
	HC-43															
	HC-43	0.0276	<0.00001	0.003	<0.00005	0.0672	0.25	0.00047	0.00019	2.5	0.000008	0.34	0.0049	<10	<0.00002	0.000045
	HC-43															
	HC-43															
	HC-43	0.0232	<0.00001	<0.002	<0.00005	0.0587	0.20	0.00043	0.00018	2.1	<0.000005	0.30	0.00418	<10	<0.00002	0.000037
	HC-43															
	HC-43															
	HC-43	0.0256	<0.00001	0.004	<0.00005	0.0646	0.23	0.00043	0.00017	2.5	0.000029	0.38	0.00479	<10	<0.00002	0.000067
	HC-43															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00427	<0.0002	0.182	<0.0001	<0.002				0.41	0.42	-1.08
	HC-43															
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00464	<0.0002	0.102	<0.0001	<0.002				0.40	0.43	-3.39
	HC-43															
	HC-43															
	HC-43	0.000006	<0.0002	<0.0005	<0.00001	0.00450	<0.0002	0.0752	<0.0001	<0.002				0.47	0.45	1.95
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00467	<0.0002	0.0657	<0.0001	<0.002				0.47	0.52	-5.44
	HC-43															
	HC-43															
	HC-43	0.000007	<0.0002	<0.0005	<0.00001	0.00476	<0.0002	0.0566	<0.0001	<0.002				0.56	0.53	2.57
	HC-43															
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00377	<0.0002	0.0404	<0.0001	<0.002				0.40	0.45	-6.70
	HC-43															
	HC-43															
	HC-43	0.000007	<0.0002	<0.0005	<0.00001	0.00346	<0.0002	0.0321	<0.0001	<0.002				0.37	0.42	-6.26
	HC-43															
	HC-43															
	HC-43	0.000011	<0.0002	<0.0005	0.00002	0.00373	<0.0002	0.0378	<0.0001	<0.002				0.43	0.48	-5.34
	HC-43															
	HC-43															
	HC-43	0.000008	<0.0002	<0.0005	<0.00001	0.00384	<0.0002	0.0358	<0.0001	<0.002				0.446	0.514	-7.08
	HC-43															
	HC-43															
	HC-43	0.000008	<0.0002	<0.0005	<0.00001	0.0033	<0.0002	0.0289	<0.0001	<0.002				0.428	0.445	-1.95
	HC-43															
	HC-43															
	HC-43	0.000007	<0.0002	<0.0005	<0.00001	0.00325	<0.0002	0.0291	<0.0001	<0.002				0.402	0.433	-3.71
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00298	<0.0002	0.0237	<0.0001	<0.002				0.366	0.387	-2.79
	HC-43															
	HC-43															
	HC-43	0.000011	<0.0002	<0.0005	<0.00001	0.00337	<0.0002	0.0227	<0.0001	0.005				0.491	0.439	5.59
	HC-43															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		193	13-Aug-18	500	485	4.10	72
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		194	20-Aug-18	500	485		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		195	27-Aug-18	500	460	4.14	59
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		196	03-Sep-18	500	495		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		197	10-Sep-18	500	445	4.17	64
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		198	17-Sep-18	500	500		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		199	24-Sep-18	500	460	4.13	81
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		200	01-Oct-18	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		201	08-Oct-18	500	475	4.1	82
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		202	15-Oct-18	500	455		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		203	22-Oct-18	500	495	4.07	81
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		204	29-Oct-18	500	465		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		205	05-Nov-18	500	455	4.18	73
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		206	12-Nov-18	500	500		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		207	19-Nov-18	500	440	4.18	60
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		208	26-Nov-18	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		209	03-Dec-18	500	470	4.14	67
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		210	10-Dec-18	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		211	17-Dec-18	500	495	4.14	65
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		212	24-Dec-18	500	460		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		213	31-Dec-18	500	475	4.19	61
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		214	07-Jan-19	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		215	14-Jan-19	500	485	4.12	62
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		216	21-Jan-19	500	470		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		217	28-Jan-19	500	455	4.06	75
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		218	04-Feb-19	500	490		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		219	11-Feb-19	500	470	4.12	66
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		220	18-Feb-19	500	500		
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		221	25-Feb-19	500	450	4.15	60.0
	HC-43	LCP North	Greywacke	12GRL067	48.00	49.00	0.17	0.16	0.01	6.80		222	04-Mar-19	500	470		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		0	01-Dec-14	750	620	8.77	317
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		1	08-Dec-14	500	465	8.29	298
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		2	15-Dec-14	500	470	8.26	201
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		3	22-Dec-14	500	450	8.48	127
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		4	29-Dec-14	500	485	8.20	108
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		5	05-Jan-15	500	490	8.43	91
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		6	12-Jan-15	500	485	8.32	88
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		7	19-Jan-15	500	485	8.20	80
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		8	26-Jan-15	500	485	8.20	80
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		9	02-Feb-15	500	465	8.22	88
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		10	09-Feb-15	500	475	8.16	88
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		11	16-Feb-15	500	485	8.11	72
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		12	23-Feb-15	500	485	7.99	73

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-43	400															
	HC-43																
	HC-43	395	16.2	2.0	17.9	<0.5	<0.05		<0.5					3.3	1.94	<0.00002	0.00010
	HC-43	420															
	HC-43	405	20.3	1.3	19.4	<0.5	<0.05		<0.5					3.8	2.32	<0.00002	0.00003
	HC-43	445															
	HC-43	450	23.1	<0.5	18.0	<0.5	0.05		<0.5					4.3	2.30	<0.00002	0.00013
	HC-43	425															
	HC-43	440	13.7	2.7	15.3	<0.5	0.05		<0.5					3.2	1.65	<0.00002	0.00011
	HC-43	450															
	HC-43	405	14.5	2.9	16.1	<0.5	0.06		<0.5					3.4	1.53	<0.00002	0.00009
	HC-43	360															
	HC-43	430	15.7	1.4	14.9	<0.5	0.06		<0.5					3.4	1.62	<0.00002	0.0001
	HC-43	445															
	HC-43																
	HC-43	460	13.8	1.8	14.5	<0.5	0.06		<0.5					3.4	1.49	<0.00002	0.00008
	HC-43																
	HC-43	455															
	HC-43																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-44	110	14.3	<0.5	<0.5	20.3	0.12		74.2					85.1	0.401	0.00021	0.00676
	HC-44	125	44.4	<0.5	<0.5	25.5	0.12		39.2					85.5	0.230	0.00030	0.0147
	HC-44	125	33.5	<0.5	<0.5	27.7	0.13		14.1					65.6	0.237	0.00035	0.0243
	HC-44	125	21.2	<0.5	<0.5	30.7	0.11		4.0					40.1	0.214	0.00030	0.0351
	HC-44	125	14.8	<0.5	<0.5	29.7	0.09		1.3					39.5	0.262	0.00033	0.0614
	HC-44	120	11.6	<0.5	<0.5	31.7	0.07		0.7					44.3	0.327	0.00037	0.0997
	HC-44	125	11.4	<0.5	<0.5	29.1	0.06		<0.5					33.5	0.273	0.00029	0.0980
	HC-44	130	10.4	<0.5	<0.5	28.3	0.05		<0.5					33.9	0.286	0.00027	0.132
	HC-44	130	10.5	<0.5	<0.5	25.9	<0.05		<0.5					30.3	0.228	0.00025	0.127
	HC-44	125	11.5	<0.5	<0.5	30.0	<0.05		<0.5					35.4	0.279	0.00025	0.168
	HC-44	130	11.6	<0.5	<0.5	28.7	<0.05		<0.5					38.4	0.243	0.00027	0.186
	HC-44	130	7.4	<0.5	<0.5	25.8	<0.05		<0.5					32.2	0.259	0.00020	0.173
	HC-44	130	9.0	<0.5	<0.5	26.5	<0.05		<0.5					30.9	0.193	0.00018	0.155

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
HC-43	HC-43															
	HC-43															
	HC-43	0.0181	0.00039	<0.000005	<0.05	<0.00005	0.000079	0.60	0.0002	0.0629	0.351	0.0096	0.069	0.00140	0.0032	0.43
	HC-43															
	HC-43															
	HC-43	0.0195	0.00038	<0.000005	<0.05	<0.00005	0.000088	0.7	0.0002	0.0767	0.397	0.011	0.093	0.00153	0.0033	0.48
	HC-43															
	HC-43															
	HC-43	0.0185	0.00043	<0.000005	<0.05	<0.00005	0.000095	0.83	0.0002	0.0735	0.379	0.0106	0.073	0.00175	0.0036	0.53
	HC-43															
	HC-43	0.0141	0.0003	<0.000005	<0.05	<0.00005	0.000067	0.66	0.0001	0.0508	0.24	0.00747	0.055	0.00117	0.0025	0.37
	HC-43															
	HC-43															
	HC-43	0.0140	0.00030	<0.000005	<0.05	<0.00005	0.000064	0.73	0.0001	0.0508	0.237	0.0074	0.061	0.00137	0.0026	0.39
	HC-43															
	HC-43															
	HC-43	0.0132	0.00028	<0.000005	<0.05	<0.00005	0.000066	0.71	0.0001	0.0518	0.227	0.00821	0.06	0.00134	0.0023	0.4
	HC-43															
	HC-43															
	HC-43															
	HC-43	0.0130	0.00026	<0.000005	<0.05	<0.00005	0.000062	0.73	0.0002	0.0494	0.215	0.0076	0.070	0.00135	0.0023	0.37
	HC-43															
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
HC-44	HC-44	0.0103	<0.00001	<0.000005	<0.05	0.00036	0.000005	25.1	<0.0001	0.000077	0.00046	<0.00005	0.003	0.000047	0.0101	5.43
	HC-44	0.00929	<0.00001	<0.000005	<0.05	0.00018	0.000018	24.7	<0.0001	0.000312	0.00031	<0.00005	0.002	0.000057	0.0075	5.77
	HC-44	0.00566	<0.00001	<0.000005	<0.05	0.00016	0.000006	19.6	<0.0001	0.000300	0.00026	<0.00005	0.003	0.000053	0.0069	4.03
	HC-44	0.00308	<0.00001	0.000010	<0.05	0.00008	<0.000005	12.5	<0.0001	0.000193	0.00017	<0.00005	0.005	0.000061	0.0048	2.14
	HC-44	0.00276	<0.00001	<0.000005	<0.05	0.00008	<0.000005	12.7	<0.0001	0.000232	0.00028	<0.00005	0.008	0.000090	0.0053	1.90
	HC-44	0.00297	<0.00001	<0.000005	<0.05	0.00008	<0.000005	14.3	<0.0001	0.000370	0.00051	<0.00005	0.010	0.000130	0.0053	2.09
	HC-44	0.00215	<0.00001	<0.000005	<0.05	0.00006	0.000005	10.9	<0.0001	0.000363	0.00023	<0.00005	0.010	0.000104	0.0037	1.54
	HC-44	0.00214	<0.00001	<0.000005	<0.05	0.00005	<0.000005	11.2	<0.0001	0.000365	0.00019	<0.00005	0.007	0.000089	0.0031	1.44
	HC-44	0.00198	<0.00001	<0.000005	<0.05	<0.00005	0.000006	9.95	<0.0001	0.000390	0.00036	<0.00005	0.015	0.000120	0.0024	1.31
	HC-44	0.00211	<0.00001	<0.000005	<0.05	<0.00005	0.000007	11.8	0.0001	0.000411	0.00023	<0.00005	0.011	0.000095	0.0032	1.45
	HC-44	0.00505	<0.00001	<0.000005	<0.05	<0.00005	0.000018	13.2	<0.0001	0.000423	0.00035	<0.00005	0.008	0.000098	0.0030	1.33
	HC-44	0.00188	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.2	0.0001	0.000283	0.00024	<0.00005	0.010	0.000067	0.0021	1.00
	HC-44	0.00178	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.8	0.0001	0.000304	0.00036	<0.00005	0.011	0.000081	0.0021	0.98

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-43															
	HC-43															
	HC-43	0.0206	<0.00001	<0.002	<0.00005	0.0534	0.20	0.00047	0.00015	2.2	0.000007	0.32	0.00429	<10	<0.00002	0.000051
	HC-43															
	HC-43															
	HC-43	0.0247	<0.00001	0.002	<0.00005	0.0634	0.21	0.00046	0.00017	2.5	0.000014	0.38	0.00493	<10	<0.00002	0.000061
	HC-43															
	HC-43	0.0251	<0.00001	0.005	<0.00005	0.0615	0.22	0.00046	0.00021	3.1	0.000007	0.47	0.00562	<10	<0.00002	0.000058
	HC-43															
	HC-43	0.0171	<0.00001	<0.002	<0.00005	0.0434	0.18	0.00044	0.00015	1.9	0.000011	0.36	0.00386	<10	<0.00002	0.000057
	HC-43															
	HC-43	0.0178	<0.00001	0.003	<0.00005	0.0445	0.19	0.00047	0.00016	2.4	0.000011	0.36	0.00427	<10	<0.00002	0.000066
	HC-43															
	HC-43	0.0171	<0.00001	<0.002	<0.00005	0.0446	0.17	0.00042	0.00017	2.2	0.000014	0.4	0.00449	<10	<0.00002	0.000044
	HC-43															
	HC-43															
	HC-43	0.0165	<0.00001	<0.002	<0.00005	0.0431	0.18	0.00054	0.00016	2.3	0.000011	0.40	0.00427	<10	0.00002	0.000041
	HC-43															
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-44	0.0101	<0.00001	0.004	0.00307	0.00177	19.8	0.0215	0.00180	1.1	<0.000005	10.6	0.0695	<10	<0.00002	0.000036
	HC-44	0.0169	<0.00001	0.009	0.00675	0.00404	13.9	0.0127	0.00246	1.6	<0.000005	7.80	0.0648	15	<0.00002	0.000048
	HC-44	0.0128	<0.00001	0.008	0.00560	0.00235	10.3	0.00970	0.00239	1.8	<0.000005	4.62	0.0430	11	<0.00002	0.000039
	HC-44	0.00744	<0.00001	0.006	0.00327	0.00111	5.56	0.00556	0.00196	1.7	<0.000005	1.97	0.0246	<10	<0.00002	0.000025
	HC-44	0.00729	<0.00001	0.008	0.00271	0.00093	4.47	0.00468	0.00209	1.9	<0.000005	1.46	0.0233	<10	<0.00002	0.000020
	HC-44	0.00925	<0.00001	0.008	0.00247	0.00104	4.65	0.00511	0.00248	2.2	<0.000005	1.42	0.0261	<10	<0.00002	0.000024
	HC-44	0.00693	<0.00001	0.005	0.00180	0.00077	3.28	0.00354	0.00190	1.8	<0.000005	0.91	0.0188	<10	<0.00002	0.000018
	HC-44	0.00560	<0.00001	0.003	0.00192	0.00067	3.01	0.00316	0.00189	1.9	<0.000005	0.80	0.0191	<10	<0.00002	0.000017
	HC-44	0.00415	<0.00001	0.003	0.00208	0.00094	2.37	0.00262	0.00154	1.6	<0.000005	0.62	0.0177	<10	<0.00002	0.000012
	HC-44	0.00259	<0.00001	0.004	0.00264	0.00072	2.50	0.00277	0.00187	2.0	<0.000005	0.67	0.0195	<10	<0.00002	0.000014
	HC-44	0.00137	<0.00001	0.005	0.00351	0.00097	2.20	0.00236	0.00161	1.9	<0.000005	0.58	0.0199	<10	<0.00002	0.000011
	HC-44	0.00075	<0.00001	0.003	0.00284	0.00049	1.88	0.00204	0.00138	1.7	<0.000005	0.41	0.0169	<10	<0.00002	0.000010
	HC-44	0.00076	<0.00001	0.005	0.00334	0.00050	1.63	0.00182	0.00120	2.3	<0.000005	0.39	0.0164	<10	<0.00002	0.000010

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-43															
	HC-43															
	HC-43	0.000007	<0.0002	<0.0005	<0.00001	0.00272	<0.0002	0.0208	<0.0001	<0.002				0.338	0.386	-6.63
	HC-43															
	HC-43															
	HC-43	0.000014	<0.0002	<0.0005	<0.00001	0.00309	<0.0002	0.0251	<0.0001	<0.002				0.423	0.447	-2.76
	HC-43															
	HC-43															
	HC-43	0.000012	<0.0002	<0.0005	0.00005	0.00290	<0.0002	0.0409	<0.0001	0.003				0.485	0.469	1.68
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00199	<0.0002	0.0162	<0.0001	<0.002				0.287	0.344	-9.03
	HC-43															
	HC-43	0.000015	<0.0002	<0.0005	<0.00001	0.00203	<0.0002	0.0182	<0.0001	<0.002				0.301	0.343	-6.52
	HC-43															
	HC-43															
	HC-43	0.000005	<0.0002	<0.0005	<0.00001	0.00213	<0.0002	0.0186	<0.0001	<0.002				0.329	0.356	-3.94
	HC-43															
	HC-43															
	HC-43	<0.000005	<0.0002	<0.0005	<0.00001	0.00206	<0.0002	0.0177	<0.0001	0.002				0.292	0.340	-7.59
	HC-43															
	HC-43															
	HC-43															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-44	<0.000005	<0.0002	<0.0005	0.00036	0.000185	0.0004	0.0003	<0.0001	0.002				2.80	2.71	1.63
	HC-44	<0.000005	<0.0002	<0.0005	0.00026	0.00323	0.0007	0.0007	<0.0001	<0.002				2.55	2.43	2.41
	HC-44	<0.000005	<0.0002	<0.0005	0.00034	0.00327	0.0011	0.0004	<0.0001	<0.002				1.66	1.80	-4.05
	HC-44	<0.000005	<0.0002	<0.0005	0.00034	0.00188	0.0011	0.0002	<0.0001	<0.002				1.17	1.05	5.39
	HC-44	0.000006	<0.0002	<0.0005	0.00040	0.00216	0.0015	0.0005	<0.0001	<0.002				0.942	0.996	-2.79
	HC-44	0.000007	<0.0002	<0.0005	0.00042	0.00293	0.0019	0.0002	<0.0001	<0.002				0.898	1.10	-10.2
	HC-44	0.000006	<0.0002	0.0010	0.00031	0.00301	0.0016	0.0003	<0.0001	<0.002				0.823	0.823	0.00
	HC-44	0.000025	<0.0002	0.0005	0.00025	0.00358	0.0020	0.0002	0.0001	<0.002				0.785	0.821	-2.24
	HC-44	0.000011	<0.0002	0.0006	0.00020	0.00428	0.0017	0.0013	<0.0001	<0.002				0.737	0.718	1.31
	HC-44	0.000006	<0.0002	<0.0005	0.00018	0.00584	0.0022	0.0003	0.0002	<0.002				0.839	0.832	0.420
	HC-44	<0.000005	<0.0002	0.0005	0.00016	0.00715	0.0022	0.0009	<0.0001	<0.002				0.817	0.877	-3.54
	HC-44	<0.000005	<0.0002	<0.0005	0.00014	0.00577	0.0020	0.0002	<0.0001	<0.002				0.669	0.738	-4.90
	HC-44	0.000008	<0.0002	0.0007	0.00011	0.00626	0.0018	0.0002	<0.0001	<0.002				0.717	0.699	1.27

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		13	02-Mar-15	500	490	8.18	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		14	09-Mar-15	500	485	7.91	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		15	16-Mar-15	500	450	8.09	71
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		16	23-Mar-15	500	450	8.01	76
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		17	30-Mar-15	500	455	8.12	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		18	06-Apr-15	500	490	7.94	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		19	13-Apr-15	500	465	7.94	61
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		20	20-Apr-15	500	490	7.98	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		21	27-Apr-15	500	470	8.00	62
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		22	04-May-15	500	475	8.07	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		23	11-May-15	500	455	8.06	61
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		24	18-May-15	500	450	8.00	61
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		25	25-May-15	500	480	7.97	57
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		26	01-Jun-15	500	480	7.99	57
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		27	08-Jun-15	500	470	7.97	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		28	15-Jun-15	500	475	7.89	69
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		29	22-Jun-15	500	465	7.91	61
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		30	29-Jun-15	500	475	8.05	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		31	06-Jul-15	500	455	8.01	74
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		32	13-Jul-15	500	475	8.02	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		33	20-Jul-15	500	455	7.95	65
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		34	27-Jul-15	500	460	7.78	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		35	03-Aug-15	500	445	7.80	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		36	10-Aug-15	500	465	7.80	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		37	17-Aug-15	500	465	7.79	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		38	24-Aug-15	500	475	7.58	50
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		39	31-Aug-15	500	480	7.76	55
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		40	07-Sep-15	500	475	7.75	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		41	14-Sep-15	500	470	7.86	50
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		42	21-Sep-15	500	490	7.78	52
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		43	28-Sep-15	500	455	7.81	72
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		44	05-Oct-15	500	450	7.80	62
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		45	12-Oct-15	500	450	7.82	63
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		46	19-Oct-15	500	450	7.74	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		47	26-Oct-15	500	465	7.96	69
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		48	02-Nov-15	500	450	7.86	74
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		49	09-Nov-15	500	465	7.90	72
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		50	16-Nov-15	500	455	7.81	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		51	23-Nov-15	500	485	7.78	65
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		52	30-Nov-15	500	460	7.73	72
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		53	07-Dec-15	500	475	7.87	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		54	14-Dec-15	500	470	7.78	62
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		55	21-Dec-15	500	475	7.77	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		56	28-Dec-15	500	460	7.72	69
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		57	04-Jan-16	500	490	7.74	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		58	11-Jan-16	500	490	7.66	55
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		59	18-Jan-16	500	475	7.70	55
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		60	25-Jan-16	500	490	7.82	55
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		61	01-Feb-16	500	465	7.76	63
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		62	08-Feb-16	500	460	7.57	63
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		63	15-Feb-16	500	490	7.75	59

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-44	130	6.6	<0.5	<0.5	24.8	<0.05		<0.5					27.2	0.224	0.00015	0.150
	HC-44	115	3.7	<0.5	<0.5	23.9	<0.05		<0.5					29.6	0.199	0.00017	0.156
	HC-44	125	8.0	<0.5	<0.5	24.5	<0.05		<0.5					30.6	0.185	0.00016	0.150
	HC-44	140	7.6	<0.5	<0.5	25.8	<0.05		<0.5					32.2	0.242	0.00018	0.213
	HC-44	130	7.0	<0.5	<0.5	22.7	<0.05		<0.5					29.2	0.224	0.00016	0.174
	HC-44	160	7.1	<0.5	<0.5	21.7	<0.05		<0.5					27.7	0.228	0.00014	0.154
	HC-44	155	7.3	<0.5	<0.5	20.8	<0.05		<0.5					25.2	0.172	0.00013	0.129
	HC-44	160															
	HC-44	140	6.9	<0.5	<0.5	21.1	<0.05		<0.5					26.2	0.192	0.00012	0.147
	HC-44	125															
	HC-44	120	8.2	<0.5	<0.5	21.8	<0.05		<0.5					26.9	0.177	0.00013	0.143
	HC-44	120															
	HC-44	120	7.1	<0.5	<0.5	17.6	<0.05		<0.5					27.6	0.155	0.00012	0.131
	HC-44	110															
	HC-44	120	9.2	<0.5	<0.5	24.0	<0.05		<0.5					30.1	0.183	0.00014	0.198
	HC-44	140															
	HC-44	110	8.4	<0.5	<0.5	22.1	<0.05		<0.5					25.9	0.136	0.00010	0.131
	HC-44	115															
	HC-44	105	9.0	<0.5	<0.5	25.0	<0.05		<0.5					32.2	0.186	0.00014	0.194
	HC-44	105															
	HC-44	110	8.4	<0.5	<0.5	23.4	<0.05		<0.5					29.6	0.191	0.00012	0.173
	HC-44	100															
	HC-44	110	9.2	<0.5	<0.5	15.9	<0.05		<0.5					26.2	0.138	0.00009	0.107
	HC-44	120															
	HC-44	120	8.4	<0.5	0.8	15.9	<0.05		<0.5					25.8	0.159	0.00009	0.107
	HC-44	130															
	HC-44	120	8.0	<0.5	<0.5	15.9	<0.05		0.7					23.7	0.122	0.00009	0.0974
	HC-44	120															
	HC-44	125	7.2	<0.5	<0.5	16.2	<0.05		<0.5					23.0	0.127	0.00009	0.102
	HC-44	130															
	HC-44	140	8.7	<0.5	<0.5	26.3	<0.05		0.6					30.8	0.173	0.00010	0.151
	HC-44	130															
	HC-44	130	8.8	<0.5	<0.5	17.6	<0.05		0.5					26.5	0.169	0.00008	0.102
	HC-44	125															
	HC-44	130	8.6	<0.5	<0.5	24.1	<0.05		<0.5					30.4	0.230	0.00011	0.156
	HC-44	125															
	HC-44	130	8.3	<0.5	<0.5	22.8	<0.05		<0.5					31.7	0.222	0.00009	0.181
	HC-44	105															
	HC-44	115	9.4	<0.5	<0.5	22.0	<0.05		<0.5					29.9	0.227	0.00008	0.153
	HC-44	110															
	HC-44	110	7.7	<0.5	<0.5	22.1	<0.05		<0.5					29.3	0.200	0.00008	0.119
	HC-44	115															
	HC-44	115	8.2	<0.5	<0.5	20.6	<0.05		<0.5					27.3	0.179	0.00007	0.105
	HC-44	105															
	HC-44	120	7.1	<0.5	<0.5	22.4	<0.05		<0.5					28.1	0.161	0.00008	0.101
	HC-44	125															
	HC-44	120	8.2	<0.5	<0.5	16.6	<0.05		<0.5					24.8	0.133	0.00006	0.080
	HC-44	140															
	HC-44	140	8.7	<0.5	<0.5	20.9	<0.05		<0.5					26.6	0.144	0.00007	0.084
	HC-44	130															
	HC-44	130	7.0	<0.5	<0.5	21.6	<0.05		<0.5					26.0	0.142	0.00007	0.084

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-44	0.00154	<0.00001	<0.000005	<0.05	<0.00005	0.000005	9.48	<0.0001	0.000244	0.00015	<0.00005	0.004	0.000052	0.0021	0.86
	HC-44	0.00163	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.4	<0.0001	0.000287	0.00018	<0.00005	0.004	0.000046	0.0022	0.87
	HC-44	0.00166	<0.00001	<0.000005	<0.05	<0.00005	0.000005	10.8	<0.0001	0.000298	0.00019	<0.00005	0.005	0.000048	0.0016	0.86
	HC-44	0.00201	<0.00001	<0.000005	<0.05	<0.00005	0.000007	11.4	0.0001	0.000339	0.00030	<0.00005	0.009	0.000089	0.0023	0.90
	HC-44	0.00149	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.5	<0.0001	0.000260	0.00025	<0.00005	0.005	0.000059	0.0014	0.75
	HC-44	0.00165	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.96	0.0001	0.000315	0.00029	<0.00005	0.018	0.000176	0.0017	0.68
	HC-44	0.00131	<0.00001	<0.000005	<0.05	<0.00005	0.000021	9.06	<0.0001	0.000321	0.00024	<0.00005	0.008	0.000077	0.0015	0.63
	HC-44															
	HC-44	0.00130	<0.00001	<0.000005	<0.05	<0.00005	0.000009	9.51	<0.0001	0.000318	0.00028	<0.00005	0.009	0.000067	0.0015	0.60
	HC-44															
	HC-44	0.00127	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.86	<0.0001	0.000290	0.00023	<0.00005	0.004	0.000055	0.0011	0.56
	HC-44															
	HC-44	0.00141	<0.00001	<0.000005	<0.05	<0.00005	0.000005	10.2	<0.0001	0.000356	0.00024	<0.00005	0.008	0.000069	0.0016	0.52
	HC-44															
	HC-44	0.00149	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.0	<0.0001	0.000381	0.00024	<0.00005	0.006	0.000054	0.0009	0.67
	HC-44															
	HC-44	0.00120	<0.00001	<0.000005	<0.05	<0.00005	0.000006	9.54	<0.0001	0.000422	0.00022	<0.00005	0.004	0.000047	0.0015	0.51
	HC-44															
	HC-44	0.00159	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.9	<0.0001	0.000432	0.00021	<0.00005	0.004	0.000040	0.0018	0.60
	HC-44															
	HC-44	0.00173	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.0	0.0002	0.000341	0.00029	<0.00005	0.017	0.000048	0.0012	0.51
	HC-44															
	HC-44	0.00132	<0.00001	<0.000005	<0.05	<0.00005	0.000007	9.82	<0.0001	0.000374	0.00020	<0.00005	0.004	0.000038	0.0012	0.42
	HC-44															
	HC-44	0.00136	<0.00001	<0.000005	<0.05	<0.00005	0.000007	9.69	<0.0001	0.000396	0.00024	<0.00005	0.006	0.000069	0.0019	0.39
	HC-44															
	HC-44	0.00118	<0.00001	<0.000005	<0.05	<0.00005	0.000005	8.91	<0.0001	0.000359	0.00021	<0.00005	0.004	0.000043	0.0008	0.35
	HC-44															
	HC-44	0.00114	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.63	0.0002	0.000362	0.00043	<0.00005	0.006	0.000060	0.0011	0.34
	HC-44															
	HC-44	0.00156	<0.00001	0.000005	<0.05	<0.00005	<0.000005	11.6	<0.0001	0.000299	0.00019	<0.00005	0.004	0.000056	0.0014	0.44
	HC-44															
	HC-44	0.00239	<0.00001	<0.000005	<0.05	<0.00005	0.000006	10.0	<0.0001	0.000277	0.00027	<0.00005	0.006	0.000080	0.0015	0.36
	HC-44															
	HC-44	0.00195	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.5	<0.0001	0.000261	0.00025	<0.00005	0.008	0.000082	0.0014	0.39
	HC-44															
	HC-44	0.00140	<0.00001	<0.000005	<0.05	<0.00005	0.000005	12.0	<0.0001	0.000226	0.00017	<0.00005	0.004	0.000041	0.0012	0.39
	HC-44															
	HC-44	0.00136	<0.00001	<0.000005	<0.05	<0.00005	0.000005	11.4	<0.0001	0.000187	0.00015	<0.00005	0.003	0.000028	0.0014	0.35
	HC-44															
	HC-44	0.00132	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.2	<0.0001	0.000208	0.00017	<0.00005	0.003	0.000034	0.0012	0.33
	HC-44															
	HC-44	0.00122	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.4	<0.0001	0.000230	0.00017	<0.00005	0.006	0.000040	0.0008	0.29
	HC-44															
	HC-44	0.00285	<0.00001	<0.000005	<0.05	<0.00005	0.000007	10.8	<0.0001	0.000177	0.00021	<0.00005	0.002	0.00062	0.0010	0.28
	HC-44															
	HC-44	0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000006	9.49	<0.0001	0.000240	0.00015	<0.00005	0.003	0.000040	<0.0005	0.26
	HC-44															
	HC-44	0.00131	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.1	<0.0001	0.000251	0.00011	<0.00005	0.002	0.000034	0.0011	0.30
	HC-44															
	HC-44	0.00129	<0.00001	<0.000005	<0.05	<0.00005	0.000005	10.0	<0.0001	0.000237	0.00025	<0.00005	0.004	0.000036	0.0007	0.27

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-44	0.00050	<0.00001	0.007	0.00319	0.00043	1.47	0.00161	0.00107	1.9	<0.000005	0.34	0.0149	<10	<0.00002	0.000010
	HC-44	0.00062	<0.00001	0.010	0.00404	0.00048	1.42	0.00168	0.00104	2.4	<0.000005	0.36	0.0164	<10	<0.00002	0.000007
	HC-44	0.00056	<0.00001	0.006	0.00412	0.00048	1.45	0.00158	0.00095	2.1	<0.000005	0.34	0.0162	<10	<0.00002	0.000009
	HC-44	0.00055	<0.00001	0.004	0.00438	0.00048	1.41	0.00172	0.00140	1.9	<0.000005	0.39	0.0176	<10	<0.00002	0.000010
	HC-44	0.00041	<0.00001	0.003	0.00388	0.00036	1.29	0.00152	0.00095	1.8	<0.000005	0.30	0.0148	<10	<0.00002	0.000008
	HC-44	0.00058	<0.00001	0.003	0.00386	0.00046	1.17	0.00138	0.00084	1.6	<0.000005	0.28	0.0142	<10	<0.00002	0.000008
	HC-44	0.00061	<0.00001	0.003	0.00367	0.00046	1.09	0.00127	0.00068	1.3	<0.000005	0.26	0.0138	<10	<0.00002	0.000007
	HC-44															
	HC-44	0.00069	<0.00001	0.003	0.00358	0.00052	1.01	0.00116	0.00074	1.6	<0.000005	0.26	0.0134	<10	<0.00002	0.000005
	HC-44															
	HC-44	0.00066	<0.00001	0.004	0.00367	0.00038	0.97	0.00126	0.00070	1.6	<0.000005	0.24	0.0141	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00071	<0.00001	0.003	0.00378	0.00049	0.86	0.00123	0.00062	1.4	<0.000005	0.23	0.0143	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00052	<0.00001	0.003	0.00445	0.00042	1.22	0.00154	0.00074	1.7	<0.000005	0.30	0.0177	<10	<0.00002	0.000009
	HC-44															
	HC-44	0.00053	<0.00001	0.002	0.00396	0.00053	0.83	0.00116	0.00055	1.3	<0.000005	0.21	0.0140	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00059	<0.00001	0.007	0.00463	0.00040	1.13	0.00145	0.00072	1.8	<0.000005	0.27	0.0176	<10	<0.00002	0.000009
	HC-44															
	HC-44	0.00082	<0.00001	0.007	0.00433	0.00046	0.96	0.00135	0.00063	1.7	<0.000005	0.23	0.0167	<10	<0.00002	0.000009
	HC-44															
	HC-44	0.00052	<0.00001	0.004	0.00455	0.00044	0.84	0.00112	0.00045	1.2	<0.000005	0.19	0.0143	<10	<0.00002	0.000009
	HC-44															
	HC-44	0.00070	<0.00001	0.004	0.00427	0.00054	0.84	0.00119	0.00043	1.2	<0.000005	0.18	0.0140	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00107	<0.00001	0.006	0.00424	0.00041	0.77	0.00099	0.00038	1.1	<0.000005	0.17	0.0127	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00074	<0.00001	0.010	0.00375	0.00037	0.72	0.00105	0.00036	1.2	<0.000005	0.17	0.0125	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00038	<0.00001	0.006	0.00490	0.00027	0.99	0.00141	0.00058	1.8	<0.000005	0.22	0.0181	<10	<0.00002	0.000010
	HC-44															
	HC-44	0.00063	<0.00001	0.005	0.00529	0.00035	0.80	0.00124	0.00042	1.3	<0.000005	0.16	0.0153	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00052	<0.00001	0.003	0.00519	0.00033	0.94	0.00135	0.00059	1.8	<0.000005	0.22	0.0167	<10	<0.00002	0.000009
	HC-44															
	HC-44	0.00036	<0.00001	0.005	0.00499	0.00026	0.97	0.00140	0.00064	2.0	<0.000005	0.23	0.0170	<10	<0.00002	0.000009
	HC-44															
	HC-44	0.00030	<0.00001	0.004	0.00474	0.00017	0.93	0.00129	0.00056	1.7	<0.000005	0.19	0.0158	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00036	<0.00001	0.005	0.00467	0.00022	0.87	0.00127	0.00048	1.4	<0.000005	0.17	0.0160	<10	<0.00002	0.000007
	HC-44															
	HC-44	0.00025	<0.00001	0.002	0.00484	0.00025	0.74	0.00111	0.00040	1.5	<0.000005	0.17	0.0164	<10	<0.00002	0.000007
	HC-44															
	HC-44	0.00016	<0.00001	0.004	0.00412	0.00021	0.74	0.00121	0.00043	1.4	<0.000005	0.16	0.0151	<10	<0.00002	0.000007
	HC-44															
	HC-44	0.00022	<0.00001	0.005	0.00486	0.00022	0.68	0.00106	0.00033	1.2	<0.000005	0.15	0.0136	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00017	<0.00001	0.002	0.00537	0.00023	0.72	0.00122	0.00036	1.4	<0.000005	0.17	0.0148	<10	<0.00002	0.000007
	HC-44															
	HC-44	0.00024	<0.00001	0.002	0.00475	0.00027	0.71	0.00106	0.00034	1.3	<0.000005	0.16	0.0136	<10	<0.00002	0.000007

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-44	0.000019	<0.0002	<0.0005	0.00010	0.00649	0.0018	0.0003	<0.0001	<0.002				0.633	0.622	0.880
	HC-44	<0.000005	<0.0002	<0.0005	0.00010	0.00666	0.0016	0.0002	<0.0001	<0.002				0.556	0.665	-8.93
	HC-44	<0.000005	<0.0002	<0.0005	0.00011	0.00730	0.0018	0.0002	<0.0001	<0.002				0.658	0.684	-1.94
	HC-44	<0.000005	<0.0002	0.0010	0.00011	0.00750	0.0021	0.0005	<0.0001	<0.002				0.673	0.723	-3.58
	HC-44	0.000005	<0.0002	<0.0005	0.00013	0.00692	0.0019	0.0002	<0.0001	<0.002				0.599	0.655	-4.47
	HC-44	0.000011	<0.0002	0.0009	0.00011	0.00613	0.0017	0.0003	<0.0001	<0.002				0.582	0.621	-3.24
	HC-44	0.000007	<0.0002	<0.0005	0.00009	0.00559	0.0015	0.0003	<0.0001	<0.002				0.568	0.562	0.530
	HC-44															
	HC-44	0.000006	<0.0002	<0.0005	0.00008	0.00508	0.0015	0.0005	<0.0001	<0.002				0.565	0.583	-1.57
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00008	0.00471	0.0014	0.0003	<0.0001	<0.002				0.605	0.593	1.00
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00008	0.00390	0.0012	0.0007	<0.0001	<0.002				0.500	0.600	-9.09
	HC-44															
	HC-44	<0.000005	<0.0002	0.0006	0.00009	0.00545	0.0018	0.0006	0.0001	<0.002				0.671	0.666	0.370
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00007	0.00434	0.0012	0.0003	<0.0001	<0.002				0.616	0.563	4.50
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00008	0.00505	0.0018	0.0006	<0.0001	<0.002				0.687	0.705	-1.29
	HC-44															
	HC-44	<0.000005	<0.0002	0.0010	0.00008	0.00425	0.0016	0.0007	<0.0001	<0.002				0.642	0.647	-0.390
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00006	0.00339	0.0010	0.0006	<0.0001	<0.002				0.508	0.569	-5.66
	HC-44															
	HC-44	0.000006	<0.0002	<0.0005	0.00007	0.00330	0.0010	0.0005	<0.0001	<0.002				0.493	0.563	-6.63
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00006	0.00270	0.0009	0.0004	<0.0001	<0.002				0.504	0.515	-1.08
	HC-44															
	HC-44	0.000008	<0.0002	<0.0005	0.00006	0.00256	0.0016	0.0004	<0.0001	<0.002				0.47	0.52	-4.44
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00007	0.00342	0.0027	0.0003	<0.0001	<0.002				0.73	0.67	3.87
	HC-44															
	HC-44	0.000006	<0.0002	<0.0005	0.00006	0.00271	0.0017	0.0008	<0.0001	<0.002				0.55	0.58	-2.30
	HC-44															
	HC-44	0.000005	<0.0002	0.0005	0.00007	0.00362	0.0025	0.0005	<0.0001	<0.002				0.66	0.67	-0.38
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00007	0.00295	0.0010	0.0011	<0.0001	<0.002				0.63	0.69	-4.85
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00006	0.00289	0.0021	0.0003	<0.0001	<0.002				0.64	0.66	-1.55
	HC-44															
	HC-44	0.000006	<0.0002	<0.0005	0.00005	0.00269	0.0013	0.0005	<0.0001	<0.002				0.60	0.64	-2.74
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00233	0.0007	0.0003	<0.0001	<0.002				0.58	0.59	-0.60
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00215	0.0011	0.0005	<0.0001	<0.002				0.60	0.61	-0.75
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00212	0.0010	0.0004	<0.0001	<0.002				0.50	0.53	-3.09
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00223	0.0009	0.0003	<0.0001	<0.002				0.60	0.57	2.05
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00191	0.0009	0.0003	<0.0001	<0.002				0.58	0.56	1.32

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		64	22-Feb-16	500	480	7.68	63
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		65	29-Feb-16	500	470	7.71	62
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		66	07-Mar-16	500	475	7.64	58
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		67	14-Mar-16	500	475	7.63	63
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		68	21-Mar-16	500	485	7.75	59
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		69	28-Mar-16	500	445	7.74	65
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		70	04-Apr-16	500	490	7.84	65
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		71	11-Apr-16	500	475	7.79	73
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		72	18-Apr-16	500	485	7.75	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		73	25-Apr-16	500	475	7.61	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		74	02-May-16	500	475	7.64	67
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		75	09-May-16	500	465	7.58	67
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		76	16-May-16	500	480	7.56	67
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		77	23-May-16	500	455	7.63	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		78	30-May-16	500	490	7.69	67
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		79	06-Jun-16	500	480	7.65	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		80	13-Jun-16	500	470	7.62	67
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		81	20-Jun-16	500	470	7.57	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		82	27-Jun-16	500	480	7.55	66
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		83	04-Jul-16	500	480	7.63	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		84	11-Jul-16	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		85	18-Jul-16	500	480	7.73	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		86	25-Jul-16	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		87	01-Aug-16	500	465	7.48	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		88	08-Aug-16	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		89	15-Aug-16	500	485	7.42	61
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		90	22-Aug-16	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		91	29-Aug-16	500	470	7.65	61
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		92	05-Sep-16	500	465		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		93	12-Sep-16	500	490	7.63	58
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		94	19-Sep-16	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		95	26-Sep-16	500	460	7.66	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		96	03-Oct-16	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		97	10-Oct-16	500	460	7.48	71
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		98	17-Oct-16	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		99	24-Oct-16	500	460	7.62	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		100	31-Oct-16	500	490		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		101	07-Nov-16	500	475	7.67	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		102	14-Nov-16	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		103	21-Nov-16	500	480	7.64	69
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		104	29-Nov-16	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		105	05-Dec-16	500	490	7.62	68
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		106	12-Dec-16	500	450		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		107	19-Dec-16	500	460	7.59	73
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		108	26-Dec-16	500	460		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		109	02-Jan-17	500	450	7.57	77
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		110	10-Jan-17	500	490		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		111	16-Jan-17	500	485	7.57	71
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		112	23-Jan-17	500	450		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		113	30-Jan-17	500	455	7.60	71
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		114	06-Feb-17	500	450		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-44	115															
	HC-44	135	7.5	<0.5	<0.5	22.6	<0.05		<0.5					27.3	0.131	0.00006	0.0762
	HC-44	130															
	HC-44	135	8.4	<0.5	<0.5	21.2	<0.05		<0.5					27.4	0.141	0.00006	0.0841
	HC-44	135															
	HC-44	140	9.9	<0.5	<0.5	20.3	<0.05		<0.5					28.5	0.162	0.00006	0.0626
	HC-44	140															
	HC-44	150	9.5	<0.5	<0.5	25.0	<0.05		<0.5					33.0	0.146	0.00007	0.0803
	HC-44	140															
	HC-44	155	9.7	<0.5	<0.5	21.1	<0.05		0.7					30.3	0.153	0.00006	0.0667
	HC-44	140															
	HC-44	150	10.4	<0.5	<0.5	21.0	<0.05		0.8					29.2	0.130	0.00006	0.0611
	HC-44	150															
	HC-44	145	12.2	<0.5	<0.5	21.7	<0.05		<0.5					32.6	0.138	0.00006	0.0608
	HC-44	140															
	HC-44	145	10.4	<0.5	<0.5	22.3	<0.05		1.0					31.1	0.160	0.00006	0.0692
	HC-44	155															
	HC-44	145	10.9	<0.5	<0.5	17.8	<0.05		0.6					26.9	0.141	0.00005	0.0545
	HC-44	130															
	HC-44	150	9.8	<0.5	<0.5	16.8	<0.05		0.7					27.4	0.133	0.00006	0.0516
	HC-44																
	HC-44	120															
	HC-44																
	HC-44	130	9.2	<0.5	<0.5	15.4	<0.05		0.7					24.9	0.113	0.00005	0.0427
	HC-44																
	HC-44	130															
	HC-44																
	HC-44	140	8.1	<0.5	<0.5	18.1	<0.05		1.0					25.9	0.137	0.00005	0.0524
	HC-44																
	HC-44	145															
	HC-44																
	HC-44	160	10.2	<0.5	<0.5	21.2	<0.05		0.9					29.5	0.153	0.00005	0.0520
	HC-44																
	HC-44	170															
	HC-44																
	HC-44	180	9.8	<0.5	<0.5	17.9	<0.05		1.2					28.5	0.144	0.00005	0.0463
	HC-44																
	HC-44	185															
	HC-44																
	HC-44	195	9.0	<0.5	<0.5	16.3	<0.05		2.4					28.8	0.124	0.00005	0.0353
	HC-44																
	HC-44	170															
	HC-44																
	HC-44	195	9.8	<0.5	<0.5	21.1	<0.05		2.7					31.2	0.134	0.00005	0.0446
	HC-44																
	HC-44	210															
	HC-44																
	HC-44	230	8.9	<0.5	<0.5	17.2	<0.05		3.4					29.3	0.096	0.00004	0.0328
	HC-44																
	HC-44	235															
	HC-44																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-44															
	HC-44	0.00121	<0.00001	0.000005	<0.05	<0.00005	0.000006	10.4	<0.0001	0.000248	0.00013	<0.00005	0.003	0.000025	0.0007	0.29
	HC-44															
	HC-44	0.00134	<0.00001	<0.000005	<0.05	<0.00005	0.000011	10.5	<0.0001	0.000271	0.00025	<0.00005	0.003	0.000030	0.0006	0.30
	HC-44															
	HC-44	0.00179	<0.00001	<0.000005	<0.05	<0.00005	0.000008	11.0	<0.0001	0.000403	0.00056	<0.00005	0.021	0.000197	0.0011	0.29
	HC-44															
	HC-44	0.00152	<0.00001	<0.000005	<0.05	<0.00005	0.000007	12.7	<0.0001	0.000192	0.00024	<0.00005	0.003	0.000024	0.0010	0.34
	HC-44															
	HC-44	0.00135	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.6	<0.0001	0.000205	0.00022	<0.00005	0.003	0.000024	0.0010	0.29
	HC-44															
	HC-44	0.00142	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.2	<0.0001	0.000218	0.00016	<0.00005	0.004	0.000019	0.0011	0.28
	HC-44															
	HC-44	0.00146	<0.00001	0.000006	<0.05	<0.00005	0.000008	12.5	<0.0001	0.000310	0.00029	<0.00005	0.004	0.000045	0.0015	0.30
	HC-44															
	HC-44	0.00161	<0.00001	<0.000005	<0.05	<0.00005	0.000006	12.0	<0.0001	0.000173	0.00017	<0.00005	0.003	0.000021	0.0010	0.27
	HC-44															
	HC-44	0.00120	<0.00001	<0.000005	<0.05	<0.00005	0.000006	10.4	<0.0001	0.000204	0.00014	<0.00005	0.002	0.000020	0.0010	0.25
	HC-44															
	HC-44	0.00120	<0.00001	<0.000005	<0.05	<0.00005	0.000005	10.6	<0.0001	0.000207	0.00017	<0.00005	0.003	0.000026	0.0007	0.23
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00116	<0.00001	0.000005	<0.05	<0.00005	0.000005	9.6	<0.0001	0.000188	0.00020	<0.00005	0.003	0.000043	0.0008	0.23
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00116	<0.00001	<0.000005	<0.05	<0.00005	0.000005	10.0	<0.0001	0.000155	0.00018	<0.00005	0.001	0.000016	0.0005	0.21
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00129	<0.00001	<0.000005	<0.05	<0.00005	0.000008	11.4	<0.0001	0.000170	0.00022	<0.00005	0.002	0.000017	0.0009	0.24
	HC-44															
	HC-44															
	HC-44	0.00122	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.0	<0.0001	0.000185	0.00027	<0.00005	0.002	0.000023	0.0009	0.23
	HC-44															
	HC-44															
	HC-44	0.00119	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.2	<0.0001	0.000222	0.00027	<0.00005	0.002	0.000017	0.0008	0.23
	HC-44															
	HC-44															
	HC-44	0.00139	<0.00001	<0.000005	<0.05	<0.00005	0.000006	12.1	<0.0001	0.000175	0.00026	<0.00005	0.007	0.000039	0.0010	0.26
	HC-44															
	HC-44															
	HC-44	0.00117	<0.00001	<0.000005	<0.05	<0.00005	0.000010	11.3	<0.0001	0.000154	0.00019	<0.00005	0.002	0.000011	0.0007	0.24
	HC-44															
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-44															
	HC-44	0.00022	<0.00001	0.003	0.00453	0.00025	0.75	0.00116	0.00031	1.4	<0.000005	0.15	0.0150	<10	<0.00002	0.000004
	HC-44															
	HC-44	0.00028	<0.00001	<0.002	0.00578	0.00032	0.73	0.00115	0.00034	1.3	<0.000005	0.16	0.0150	<10	<0.00002	0.000010
	HC-44															
	HC-44	0.00042	<0.00001	<0.002	0.00721	0.00040	0.67	0.00112	0.00027	1.4	<0.000005	0.18	0.0165	<10	<0.00002	0.000005
	HC-44															
	HC-44	0.00019	<0.00001	<0.002	0.00714	0.00026	0.77	0.00134	0.00036	1.6	<0.000005	0.18	0.0189	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00021	<0.00001	<0.002	0.00773	0.00023	0.69	0.00124	0.00033	1.4	<0.000005	0.17	0.0171	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00023	<0.00001	0.006	0.00886	0.00021	0.75	0.00125	0.00030	1.4	<0.000005	0.18	0.0170	<10	<0.00002	0.000007
	HC-44															
	HC-44	0.00029	<0.00001	0.004	0.00988	0.00028	0.72	0.00128	0.00031	1.5	<0.000005	0.17	0.0193	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00019	<0.00001	0.005	0.00833	0.00017	0.69	0.00128	0.00031	1.4	<0.000005	0.16	0.0171	<10	<0.00002	0.000008
	HC-44															
	HC-44	0.00021	<0.00001	0.003	0.00793	0.00021	0.63	0.00117	0.00025	1.1	<0.000005	0.15	0.0169	<10	<0.00002	0.000005
	HC-44															
	HC-44	0.00020	<0.00001	0.005	0.00809	0.00021	0.59	0.00105	0.00025	1.2	<0.000005	0.13	0.0153	<10	<0.00002	0.000007
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00021	<0.00001	0.006	0.00758	0.00022	0.52	0.00110	0.00025	1.1	<0.000005	0.14	0.0147	<10	<0.00002	0.000007
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00047	<0.00001	0.008	0.00741	0.00021	0.53	0.00105	0.00029	1.3	<0.000005	0.13	0.0156	<10	<0.00002	0.000006
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00025	<0.00001	<0.002	0.00898	0.00019	0.59	0.00124	0.00029	1.3	<0.000005	0.15	0.0179	<10	<0.00002	0.000010
	HC-44															
	HC-44															
	HC-44	0.00018	<0.00001	0.006	0.00820	0.00020	0.56	0.00111	0.00028	1.3	<0.000005	0.15	0.0174	<10	<0.00002	0.000007
	HC-44															
	HC-44															
	HC-44	0.00023	<0.00001	0.005	0.00822	0.00019	0.54	0.00118	0.00025	1.1	<0.000005	0.13	0.0183	<10	<0.00002	0.000009
	HC-44															
	HC-44															
	HC-44	0.00028	<0.00001	0.004	0.00807	0.00023	0.55	0.00103	0.00038	1.5	<0.000005	0.17	0.0190	<10	0.00003	0.000007
	HC-44															
	HC-44															
	HC-44	0.00015	<0.00001	0.006	0.00621	0.00028	0.50	0.00101	0.00022	1.1	<0.000005	0.15	0.0170	<10	<0.00002	0.000007
	HC-44															
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00180	0.0010	0.0004	<0.0001	<0.002				0.61	0.59	2.01
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00217	0.0008	0.0004	<0.0001	<0.002				0.60	0.59	0.67
	HC-44															
	HC-44	0.000017	<0.0002	<0.0005	0.00005	0.00229	0.0008	0.0007	<0.0001	<0.002				0.61	0.61	-0.08
	HC-44															
	HC-44	0.000011	<0.0002	<0.0005	0.00005	0.00234	0.0010	0.0006	<0.0001	0.003				0.70	0.70	-0.36
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00201	0.0007	0.0010	<0.0001	<0.002				0.65	0.65	-0.15
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00212	0.0007	0.0004	<0.0001	<0.002				0.66	0.62	2.80
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00218	0.0007	0.0006	<0.0001	<0.002				0.69	0.69	-0.36
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00005	0.00192	0.0008	0.0006	<0.0001	<0.002				0.69	0.66	1.78
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00180	0.0004	0.0005	<0.0001	<0.002				0.60	0.58	2.04
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00172	0.0005	0.0004	0.0002	<0.002				0.56	0.58	-1.92
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00153	0.0005	0.0004	<0.0001	<0.002				0.52	0.53	-1.05
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00137	0.0006	0.0003	<0.0001	<0.002				0.56	0.55	0.36
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00185	0.0006	0.0002	<0.0001	<0.002				0.66	0.63	2.71
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00163	0.0006	0.0003	<0.0001	<0.002				0.60	0.61	-0.83
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00147	0.0005	0.0008	<0.0001	<0.002				0.58	0.61	-2.10
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00157	0.0006	0.0009	<0.0001	<0.002				0.70	0.66	3.08
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.00140	0.0005	0.0005	<0.0001	<0.002				0.62	0.62	0.48
	HC-44															
	HC-44															
	HC-44															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		115	13-Feb-17	500	490	7.66	72
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		116	20-Feb-17	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		117	27-Feb-17	500	480	7.66	63
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		118	06-Mar-17	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		119	13-Mar-17	500	490	7.66	58
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		120	20-Mar-17	500	455		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		121	27-Mar-17	500	440	7.52	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		122	03-Apr-17	500	440		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		123	10-Apr-17	500	500	7.71	56
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		124	17-Apr-17	500	500		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		125	24-Apr-17	500	485	7.70	52
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		126	01-May-17	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		127	08-May-17	500	490	7.60	52
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		128	15-May-17	500	475		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		129	22-May-17	500	450	7.59	64
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		130	29-May-17	500	500		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		131	05-Jun-17	500	485	7.42	57
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		132	12-Jun-17	500	455		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		133	19-Jun-17	500	455	7.50	60
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		134	26-Jun-17	500	500		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		135	03-Jul-17	500	450	7.62	70
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		136	10-Jul-17	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		137	17-Jul-17	500	485	7.52	51
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		138	24-Jul-17	500	465		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		139	31-Jul-17	500	480	7.43	51
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		140	7-Aug-17	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		141	14-Aug-17	500	470	7.47	47
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		142	21-Aug-17	500	465		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		143	28-Aug-17	500	475	7.47	51
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		144	4-Sep-17	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		145	11-Sep-17	500	480	7.43	54.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		146	18-Sep-17	500	475		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		147	25-Sep-17	500	475	7.49	52.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		148	02-Oct-17	500	475		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		149	09-Oct-17	500	485	7.48	51.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		150	16-Oct-17	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		151	23-Oct-17	500	475	7.52	44.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		152	30-Oct-17	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		153	06-Nov-17	500	495	7.53	47.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		154	13-Nov-17	500	450		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		155	20-Nov-17	500	470	7.65	55.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		156	27-Nov-17	500	465		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		157	04-Dec-17	500	485	7.47	49.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		158	11-Dec-17	500	460		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		159	18-Dec-17	500	490	7.56	52.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		160	25-Dec-17	500	440		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		161	01-Jan-18	500	455	7.47	49.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		162	08-Jan-18	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		163	15-Jan-18	500	470	7.48	49.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		164	22-Jan-18	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		165	29-Jan-18	500	470	7.53	52.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-44	240	9.8	<0.5	<0.5	22.5	<0.05		0.7					30.2	0.141	0.00005	0.0498
	HC-44																
	HC-44	250															
	HC-44																
	HC-44	245	8.6	<0.5	<0.5	17.0	<0.05		0.8					25.2	0.162	0.00004	0.0412
	HC-44																
	HC-44	250															
	HC-44																
	HC-44	250	7.4	<0.5	<0.5	16.5	<0.05		<0.5					25.4	0.138	0.00004	0.0382
	HC-44																
	HC-44	190															
	HC-44																
	HC-44	180	8.2	<0.5	<0.5	16.0	<0.05		1.4					24.5	0.176	0.00004	0.0339
	HC-44																
	HC-44	195															
	HC-44																
	HC-44	185	6.7	<0.5	<0.5	15.1	<0.05		1.5					23.9	0.133	0.00003	0.0291
	HC-44																
	HC-44	190															
	HC-44																
	HC-44	190	8.9	<0.5	<0.5	21.7	<0.05		1.6					30.1	0.136	0.00005	0.0331
	HC-44																
	HC-44	200															
	HC-44																
	HC-44	210	6.7	<0.5	0.7	13.8	<0.05		0.9					20.7	0.0928	0.00004	0.0252
	HC-44																
	HC-44	220															
	HC-44																
	HC-44	230	5.3	<0.5	<0.5	14	<0.05		1.5					20.8	0.104	0.00003	0.0248
	HC-44																
	HC-44	235															
	HC-44																
	HC-44	245	7.7	<0.5	<0.5	14.0	<0.05		1.6					20.9	0.126	0.00003	0.0262
	HC-44																
	HC-44	250															
	HC-44																
	HC-44	250	8.6	<0.5	<0.5	16.7	<0.05		0.8					23.4	0.138	0.00004	0.0304
	HC-44																
	HC-44	260															
	HC-44																
	HC-44	250	6.4	<0.5	<0.5	20.4	<0.05		0.8					25.0	0.152	0.00007	0.0312
	HC-44																
	HC-44	270															
	HC-44																
	HC-44	275	5.9	<0.5	<0.5	20.7	<0.05		1.0					21.9	0.155	0.00003	0.0361
	HC-44																
	HC-44	280															
	HC-44																
	HC-44	280	6.5	<0.5	<0.5	15.7	<0.05		0.8					20.7	0.166	0.00003	0.0304
	HC-44																
	HC-44	290															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-44	0.00125	<0.00001	<0.000005	<0.05	<0.00005	0.000006	11.7	<0.0001	0.000151	0.00051	<0.00005	0.003	0.000021	0.0007	0.23
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00109	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.82	<0.0001	0.000120	0.00072	<0.00005	0.006	0.000036	0.0007	0.17
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000007	9.88	0.0001	0.000194	0.00030	<0.00005	0.006	0.000052	0.0005	0.17
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00112	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.54	<0.0001	0.000113	0.00015	<0.00005	0.005	0.000049	0.0006	0.17
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00103	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.24	0.0007	0.000168	0.00018	<0.00005	0.004	0.000058	0.0006	0.19
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00114	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.7	<0.0001	0.000123	0.00027	<0.00005	0.003	0.000033	0.0007	0.23
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00089	<0.00001	<0.000005	<0.05	<0.00005	0.000005	8.04	<0.0001	0.000164	0.00024	<0.00005	0.005	0.000008	<0.0005	0.16
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00085	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.08	<0.0001	0.000104	0.00014	<0.00005	0.002	0.000017	<0.0005	0.16
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00083	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.11	<0.0001	0.000109	0.00020	<0.00005	<0.001	0.000013	<0.0005	0.16
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00084	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.08	<0.0001	0.000097	0.00014	<0.00005	<0.001	0.000010	<0.0005	0.19
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00088	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.69	<0.0001	0.000084	0.00015	<0.00005	0.003	0.000035	<0.0005	0.19
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00078	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.51	<0.0001	0.000051	0.00015	<0.00005	0.001	0.000013	0.0005	0.15
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00081	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.06	<0.0001	0.000069	0.00017	<0.00005	0.002	0.000024	<0.0005	0.15
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-44	0.00012	<0.00001	0.004	0.00742	0.00019	0.54	0.00104	0.00040	1.4	<0.000005	0.15	0.0188	<10	<0.00002	0.000008
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00012	<0.00001	0.002	0.00609	0.00016	0.44	0.00094	0.00032	1.2	<0.000005	0.13	0.0147	<10	0.00003	0.000007
	HC-44															
	HC-44															
	HC-44	0.00019	<0.00001	<0.002	0.00519	0.00014	0.44	0.00092	0.00027	1.0	<0.000005	0.12	0.0147	<10	<0.00002	0.000006
	HC-44															
	HC-44															
	HC-44	0.00017	<0.00001	<0.002	0.00493	0.00015	0.41	0.00096	0.00025	1.1	<0.000005	0.15	0.0134	<10	<0.00002	0.000005
	HC-44															
	HC-44															
	HC-44	0.00015	<0.00001	<0.002	0.00412	0.00017	0.37	0.00081	0.00022	1.0	<0.000005	0.12	0.0135	<10	<0.00002	0.000005
	HC-44															
	HC-44															
	HC-44	0.00016	<0.00001	0.005	0.00478	0.00014	0.45	0.00101	0.00026	1.2	<0.000005	0.14	0.0163	<10	<0.00002	0.000007
	HC-44															
	HC-44															
	HC-44	0.00015	<0.00001	0.007	0.00378	0.00015	0.3	0.00064	0.00019	0.7	<0.000005	0.1	0.011	<10	0.00002	0.000004
	HC-44															
	HC-44															
	HC-44	0.00011	<0.00001	0.007	0.00398	0.00015	0.32	0.00068	0.00018	0.8	<0.000005	0.11	0.0122	<10	<0.00002	0.000006
	HC-44															
	HC-44															
	HC-44	0.00015	<0.00001	0.006	0.00361	0.00016	0.33	0.00071	0.00020	0.9	<0.000005	0.12	0.0117	<10	<0.00002	0.000006
	HC-44															
	HC-44															
	HC-44	0.00012	<0.00001	0.004	0.00385	0.00017	0.36	0.00080	0.00025	1.0	<0.000005	0.13	0.0133	<10	<0.00002	0.000006
	HC-44															
	HC-44															
	HC-44	0.00012	<0.00001	0.003	0.00331	0.00010	0.35	0.00075	0.00019	1.2	<0.000005	0.12	0.0139	<10	<0.00002	0.000004
	HC-44															
	HC-44															
	HC-44	0.00010	<0.00001	0.003	0.00298	0.00010	0.32	0.00075	0.00025	1.0	<0.000005	0.10	0.0128	<10	<0.00002	0.000006
	HC-44															
	HC-44															
	HC-44	0.00017	<0.00001	0.005	0.00288	0.00008	0.32	0.00071	0.00025	0.9	<0.000005	0.11	0.0122	<10	<0.00002	0.000008
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-44	<0.000005	<0.0002	<0.0005	0.00004	0.00160	0.0006	0.0022	<0.0001	<0.002				0.67	0.64	2.67
	HC-44															
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.00118	0.0006	0.0004	<0.0001	<0.002				0.54	0.54	0.09
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000925	0.0003	0.0006	<0.0001	<0.002				0.48	0.54	-5.38
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.00114	0.0005	0.0002	<0.0001	<0.002				0.53	0.53	0.28
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.00105	0.0004	0.0003	<0.0001	<0.002				0.48	0.51	-2.32
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.00129	0.0005	0.0003	<0.0001	<0.002				0.66	0.63	2.16
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000944	0.0003	0.0004	<0.0001	<0.002				0.44	0.437	0.34
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000964	0.0004	0.0003	<0.0001	<0.002				0.44	0.44	-0.68
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.00102	0.0004	0.0003	<0.0001	<0.002				0.48	0.45	4.09
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.00111	0.0004	0.0001	<0.0001	<0.002				0.54	0.50	3.48
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000808	0.0004	0.0002	<0.0001	<0.002				0.56	0.53	3.02
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000699	0.0005	0.0001	<0.0001	<0.002				0.57	0.47	9.69
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.00077	0.0005	0.0002	<0.0001	<0.002				0.47	0.45	2.84
	HC-44															
	HC-44															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		166	05-Feb-18	500	495		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		167	12-Feb-18	500	490	7.44	49.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		168	19-Feb-18	500	450		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		169	26-Feb-18	500	495	7.56	48.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		170	05-Mar-18	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		171	12-Mar-18	500	460	7.46	38.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		172	19-Mar-18	500	460		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		173	26-Mar-18	500	485	7.45	48
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		174	02-Apr-18	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		175	09-Apr-18	500	480	7.37	43
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		176	16-Apr-18	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		177	23-Apr-18	500	465	7.3	40
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		178	30-Apr-18	500	475		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		179	07-May-18	500	475	7.33	38
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		180	14-May-18	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		181	21-May-18	500	495	7.29	39
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		182	28-May-18	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		183	04-Jun-18	500	465	7.25	38
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		184	11-Jun-18	500	500		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		185	18-Jun-18	500	475	7.38	37
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		186	25-Jun-18	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		187	02-Jul-18	500	495	7.28	36
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		188	09-Jul-18	500	495		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		189	16-Jul-18	500	475	7.50	34
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		190	23-Jul-18	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		191	30-Jul-18	500	475	7.25	33
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		192	06-Aug-18	500	470		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		193	13-Aug-18	500	465	7.39	33
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		194	20-Aug-18	500	475		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		195	27-Aug-18	500	475	7.34	29
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		196	03-Sep-18	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		197	10-Sep-18	500	445	7.41	37
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		198	17-Sep-18	500	500		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		199	24-Sep-18	500	470	7.37	41
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		200	01-Oct-18	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		201	08-Oct-18	500	470	7.26	46
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		202	15-Oct-18	500	495		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		203	22-Oct-18	500	465	7.26	42
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		204	29-Oct-18	500	485		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		205	05-Nov-18	500	440	7.28	47
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		206	12-Nov-18	500	495		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		207	19-Nov-18	500	455	7.29	31
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		207	26-Nov-18	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		208	03-Dec-18	500	475	7.44	42
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		209	10-Dec-18	500	420		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		210	17-Dec-18	500	500	7.61	48
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		211	24-Dec-18	500	455		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		212	31-Dec-18	500	470	7.27	35
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		213	07-Jan-19	500	490		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		214	14-Jan-19	500	435	7.45	39
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		215	21-Jan-19	500	500		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-44																
	HC-44	270	7.4	<0.5	<0.5	15.1	<0.05		1.1					21.7	0.126	0.00002	0.0224
	HC-44																
	HC-44	280															
	HC-44																
	HC-44	285	4.9	<0.5	0.6	11.8	<0.05		0.8					18.1	0.0597	0.00002	0.0145
	HC-44																
	HC-44	290															
	HC-44																
	HC-44	290	6.2	<0.5	<0.5	11	<0.05		<0.5					20.3	0.0999	0.00002	0.0208
	HC-44																
	HC-44	280															
	HC-44																
	HC-44	290	5.7	<0.5	<0.5	8.5	<0.05		0.8					16.5	0.0578	<0.00002	0.0131
	HC-44																
	HC-44	290															
	HC-44																
	HC-44	300	5.1	<0.5	<0.5	11.8	<0.05		0.9					15.9	0.0478	0.00002	0.0136
	HC-44																
	HC-44	295															
	HC-44																
	HC-44	290	5.9	<0.5	<0.5	11.6	<0.05		0.7					17.0	0.0582	0.00003	0.0161
	HC-44																
	HC-44	300															
	HC-44																
	HC-44	295	5.9	<0.5	<0.5	11.4	<0.05		1.0					16.3	0.0628	<0.00002	0.0143
	HC-44																
	HC-44	285															
	HC-44																
	HC-44	280	5.4	<0.5	0.5	11.0	<0.05		0.5					16.5	0.0692	0.00008	0.0133
	HC-44																
	HC-44	285															
	HC-44																
	HC-44	280	4.6	<0.5	<0.5	13.0	<0.05		<0.5					18.0	0.0719	0.00002	0.0158
	HC-44																
	HC-44	300															
	HC-44																
	HC-44	285	4.9	<0.5	<0.5	16.7	<0.05		<0.5					20.1	0.1250	0.00002	0.0175
	HC-44																
	HC-44	275															
	HC-44																
	HC-44	300	3.8	<0.5	<0.5	8.9	<0.05		<0.5					14.6	0.0518	<0.00002	0.0108
	HC-44																
	HC-44	295															
	HC-44																
	HC-44	290	4.8	<0.5	<0.5	14.9	<0.05		<0.5					19.6	0.0898	<0.00002	0.0172
	HC-44																
	HC-44	280															
	HC-44																
	HC-44	300	4.9	<0.5	<0.5	15.4	<0.05		<0.5					18.8	0.0949	<0.00002	0.0184
	HC-44																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-44															
	HC-44	0.00068	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.42	<0.0001	0.000082	0.00014	<0.00005	<0.001	0.000011	0.0006	0.16
	HC-44															
	HC-44															
	HC-44															
	HC-44	0.00065	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.02	<0.0001	0.000171	0.00024	<0.00005	<0.001	0.000018	<0.0005	0.14
	HC-44															
	HC-44															
	HC-44	0.00072	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.86	<0.0001	0.000092	0.00021	<0.00005	<0.001	0.00001	<0.0005	0.15
	HC-44															
	HC-44															
	HC-44	0.00059	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.41	<0.0001	0.000249	0.00014	<0.00005	<0.001	0.000029	<0.0005	0.12
	HC-44															
	HC-44															
	HC-44	0.00065	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.17	<0.0001	0.000143	0.00026	<0.00005	0.001	0.000017	<0.0005	0.12
	HC-44															
	HC-44															
	HC-44	0.00075	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.59	<0.0001	0.000130	0.00010	<0.00005	<0.001	0.000014	<0.0005	0.13
	HC-44															
	HC-44															
	HC-44	0.00057	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.30	<0.0001	0.000147	0.00014	<0.00005	<0.001	0.000017	<0.0005	0.13
	HC-44															
	HC-44															
	HC-44	0.00060	<0.00001	<0.000005	<0.05	<0.00005	0.000005	6.37	<0.0001	0.000157	0.00014	<0.00005	<0.001	0.000018	<0.0005	0.13
	HC-44															
	HC-44															
	HC-44	0.00063	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.97	<0.0001	0.000147	0.00022	<0.00005	0.001	0.000019	<0.0005	0.14
	HC-44															
	HC-44															
	HC-44	0.00073	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.77	0.0001	0.000182	0.00016	<0.00005	0.002	0.000029	<0.0005	0.16
	HC-44															
	HC-44															
	HC-44	0.00051	<0.00001	<0.000005	<0.05	<0.00005	0.000005	5.65	<0.0001	0.000146	0.00011	<0.00005	<0.001	0.000016	<0.0005	0.11
	HC-44															
	HC-44															
	HC-44	0.00076	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.57	<0.0001	0.000097	0.00013	<0.00005	0.001	0.000022	<0.0005	0.16
	HC-44															
	HC-44															
	HC-44	0.00076	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.29	0.0001	0.000111	0.00014	<0.00005	0.003	0.000039	<0.0005	0.15
	HC-44															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-44															
	HC-44	0.00010	<0.00001	0.003	0.00242	0.00013	0.30	0.00065	0.00022	0.9	<0.000005	0.11	0.0118	<10	0.00003	0.000005
	HC-44															
	HC-44															
	HC-44	0.00012	<0.00001	0.005	0.00224	0.00020	0.22	0.00050	0.00014	0.6	<0.000005	0.08	0.0107	<10	<0.00002	0.000005
	HC-44															
	HC-44	<0.00005	<0.00001	0.006	0.00259	0.00012	0.26	0.00063	0.00018	0.7	<0.000005	0.1	0.0112	<10	<0.00002	0.000003
	HC-44															
	HC-44	0.00019	<0.00001	0.004	0.00201	0.00032	0.21	0.00054	0.00014	0.5	<0.000005	0.08	0.00943	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00009	<0.00001	0.004	0.00192	0.00021	0.19	0.0005	0.00012	0.5	<0.000005	0.07	0.00965	<10	<0.00002	0.000003
	HC-44															
	HC-44	0.00005	<0.00001	<0.002	0.00220	0.00015	0.21	0.00048	0.00014	0.6	<0.000005	0.08	0.0108	<10	<0.00002	0.000005
	HC-44															
	HC-44	0.00012	<0.00001	<0.002	0.00181	0.00015	0.20	0.00045	0.00014	0.5	<0.000005	0.08	0.00956	<10	<0.00002	0.000004
	HC-44															
	HC-44	0.00011	<0.00001	0.003	0.00189	0.00017	0.19	0.00054	0.00013	0.5	<0.000005	0.06	0.01020	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00027	<0.00001	<0.002	0.00174	0.00016	0.21	0.00056	0.00015	0.6	<0.000005	0.08	0.01090	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00011	0.00001	0.002	0.00168	0.00013	0.25	0.00061	0.00015	0.8	<0.000005	0.13	0.01260	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00014	<0.00001	<0.002	0.00114	0.00015	0.17	0.00047	0.00012	0.5	<0.000005	<0.05	0.00844	<10	<0.00002	0.000004
	HC-44															
	HC-44	0.00017	<0.00001	0.003	0.00154	0.00009	0.24	0.00061	0.00017	0.8	<0.000005	0.08	0.01170	<10	<0.00002	0.000006
	HC-44															
	HC-44	0.00011	<0.00001	<0.002	0.00146	0.00011	0.23	0.00056	0.00016	0.7	<0.000005	0.09	0.01130	<10	<0.00002	0.000006
	HC-44															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.000751	0.0003	0.0001	<0.0001	<0.002				0.49	0.46	2.65
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000712	<0.0002	0.0007	<0.0001	<0.002				0.36	0.38	-2.45
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00003	0.000672	0.0003	0.0002	<0.0001	<0.002				0.349	0.427	-10.1
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.00061	<0.0002	0.0004	<0.0001	<0.002				0.311	0.345	-5.18
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	<0.00001	0.000601	<0.0002	0.0003	<0.0001	<0.002				0.368	0.332	5.14
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.000677	<0.0002	0.0002	<0.0001	<0.002				0.375	0.355	2.74
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.000621	0.0002	0.0003	<0.0001	<0.002				0.379	0.340	5.42
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00001	0.000692	<0.0002	0.0003	<0.0001	<0.002				0.346	0.344	0.29
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.000613	0.0003	0.0003	<0.0001	<0.002				0.356	0.377	-2.86
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00050	0.000601	<0.0002	0.0085	<0.0001	0.003				0.436	0.428	0.93
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00001	0.000378	<0.0002	0.0003	<0.0001	<0.002				0.259	0.302	-7.66
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00001	0.000580	0.0003	0.0002	<0.0001	<0.002				0.398	0.411	-1.61
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00002	0.000531	0.0003	0.0002	<0.0001	<0.002				0.411	0.397	1.73
	HC-44															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		216	28-Jan-19	500	480	7.58	44
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		217	04-Feb-19	500	480		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		218	11-Feb-19	500	445	7.51	43
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		219	18-Feb-19	500	500		
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		220	25-Feb-19	500	465	7.37	30.0
	HC-44	Locale 2	Greywacke	13GRL110	26.00	27.50	0.19	0.18	0.03	12.50		221	04-Mar-19	500	500		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		0	01-Dec-14	750	565	9.04	350
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		1	08-Dec-14	500	475	8.67	216
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		2	15-Dec-14	500	480	8.42	154
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		3	22-Dec-14	500	455	8.35	139
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		4	29-Dec-14	500	460	8.14	129
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		5	05-Jan-15	500	475	8.25	114
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		6	12-Jan-15	500	475	8.24	126
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		7	19-Jan-15	500	475	8.12	110
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		8	26-Jan-15	500	475	8.12	110
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		9	02-Feb-15	500	480	8.33	110
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		10	09-Feb-15	500	480	8.03	107
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		11	16-Feb-15	500	485	8.00	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		12	23-Feb-15	500	480	7.95	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		13	02-Mar-15	500	480	8.13	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		14	09-Mar-15	500	475	8.01	92.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		15	16-Mar-15	500	480	8.09	87.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		16	23-Mar-15	500	480	8.12	87.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		17	30-Mar-15	500	480	7.97	88.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		18	06-Apr-15	500	485	8.15	89.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		19	13-Apr-15	500	470	8.09	89.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		20	20-Apr-15	500	480	8.12	89.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		21	27-Apr-15	500	475	8.10	84.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		22	04-May-15	500	455	8.46	83.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		23	11-May-15	500	450	7.99	86.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		24	18-May-15	500	455	8.31	75.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		25	25-May-15	500	475	8.11	88.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		26	01-Jun-15	500	475	8.18	88.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		27	08-Jun-15	500	455	8.22	86.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		28	15-Jun-15	500	460	8.04	98.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		29	22-Jun-15	500	460	8.18	85.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		30	29-Jun-15	500	460	8.35	86.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		31	06-Jul-15	500	475	8.42	84.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		32	13-Jul-15	500	460	8.17	86.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		33	20-Jul-15	500	450	8.38	83.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		34	27-Jul-15	500	490	8.07	83.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		35	03-Aug-15	500	450	8.40	85.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		36	10-Aug-15	500	490	8.42	79.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-44	300															
	HC-44																
	HC-44	315	4.7	<0.5	<0.5	13.6	<0.05		<0.5					17.6	0.0780	<0.00002	0.0140
	HC-44																
	HC-44	280															
	HC-44																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-45	80.0	43.1	<0.5	<0.5	102.9	0.41		8.2					21.0	0.0212	0.00173	0.00246
	HC-45	100	12.4	<0.5	<0.5	84.9	0.32		1.4					18.0	0.0596	0.00248	0.00775
	HC-45	125	7.5	<0.5	<0.5	58.9	0.15		0.6					21.1	0.136	0.00109	0.00848
	HC-45	120	5.7	<0.5	<0.5	55.2	0.09		<0.5					21.6	0.148	0.00068	0.00773
	HC-45	130	4.8	<0.5	<0.5	51.6	0.08		<0.5					24.4	0.234	0.00058	0.0109
	HC-45	120	4.0	<0.5	<0.5	48.8	0.06		<0.5					30.6	0.341	0.00054	0.0131
	HC-45	120	5.3	<0.5	<0.5	53.8	0.07		<0.5					27.6	0.170	0.00041	0.0133
	HC-45	125	4.2	<0.5	<0.5	49.2	<0.05		<0.5					27.2	0.290	0.00033	0.0142
	HC-45	130	3.4	<0.5	<0.5	46.6	<0.05		<0.5					26.9	0.245	0.00027	0.0147
	HC-45	125	5.0	<0.5	<0.5	47.9	<0.05		<0.5					27.5	0.239	0.00022	0.0151
	HC-45	135	4.0	<0.5	<0.5	48.8	<0.05		<0.5					30.0	0.246	0.00023	0.0150
	HC-45	140	4.1	<0.5	<0.5	41.9	<0.05		<0.5					26.0	0.280	0.00016	0.0164
	HC-45	140	6.7	<0.5	<0.5	43.7	<0.05		<0.5					26.6	0.274	0.00015	0.0153
	HC-45	140	2.6	<0.5	<0.5	39.1	<0.05		<0.5					24.5	0.288	0.00013	0.0144
	HC-45	135	7.7	<0.5	<0.5	37.9	<0.05		<0.5					24.9	0.352	0.00012	0.0148
	HC-45	130	2.7	<0.5	0.8	36.8	<0.05		<0.5					24.8	0.370	0.00011	0.0125
	HC-45	140	2.3	<0.5	<0.5	35.7	<0.05		<0.5					24.1	0.394	0.00012	0.0126
	HC-45	140	4.2	<0.5	<0.5	38.7	<0.05		<0.5					26.0	0.389	0.00009	0.0117
	HC-45	140	3.0	<0.5	<0.5	41.0	<0.05		<0.5					26.5	0.367	0.00010	0.0117
	HC-45	145	2.8	<0.5	<0.5	38.9	<0.05		<0.5					26.3	0.363	0.00009	0.0114
	HC-45	150															
	HC-45	100	2.2	<0.5	<0.5	37.2	<0.05		<0.5					24.9	0.438	0.00007	0.00969
	HC-45	110															
	HC-45	110	3.2	<0.5	<0.5	36.4	<0.05		<0.5					25.7	0.419	0.00008	0.00986
	HC-45	100															
	HC-45	105	3.4	<0.5	<0.5	37.4	<0.05		<0.5					28.3	0.423	0.00008	0.00902
	HC-45	110															
	HC-45	120	3.8	<0.5	<0.5	38.8	<0.05		<0.5					27.5	0.455	0.00007	0.00885
	HC-45	135															
	HC-45	110	3.6	<0.5	<0.5	35.0	<0.05		<0.5					26.0	0.451	0.00006	0.00807
	HC-45	115															
	HC-45	90	5.0	<0.5	<0.5	35.1	<0.05		<0.5					26.2	0.478	0.00006	0.00840
	HC-45	100															
	HC-45	100	4.0	<0.5	<0.5	36.0	<0.05		0.6					28.4	0.491	0.00006	0.00833
	HC-45	110															
	HC-45	100	5.5	<0.5	<0.5	35.8	<0.05		0.5					28.9	0.455	0.00006	0.00757
	HC-45	110															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-44															
	HC-44															
	HC-44	0.00061	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.81	0.0002	0.000107	0.00011	<0.00005	0.002	0.000019	<0.0005	0.13
	HC-44															
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-45	0.00915	<0.00001	<0.000005	<0.05	0.00174	<0.000005	4.26	<0.0001	0.000014	0.00023	<0.00005	0.023	0.000014	0.0152	2.52
	HC-45	0.00412	<0.00001	<0.000005	<0.05	0.00109	<0.000005	3.84	<0.0001	0.000015	0.00016	<0.00005	0.002	0.000009	0.0128	2.03
	HC-45	0.00362	<0.00001	<0.000005	<0.05	0.00088	<0.000005	4.94	<0.0001	0.000015	0.00009	<0.00005	0.009	0.000007	0.0116	2.14
	HC-45	0.00461	<0.00001	<0.000005	<0.05	0.00069	<0.000005	5.30	<0.0001	0.000012	0.00007	<0.00005	0.026	0.000095	0.0092	2.02
	HC-45	0.00431	<0.00001	<0.000005	<0.05	0.00058	<0.000005	6.13	<0.0001	0.000008	0.00018	<0.00005	0.005	0.000013	0.0104	2.22
	HC-45	0.00519	<0.00001	<0.000005	<0.05	0.00064	<0.000005	7.71	<0.0001	0.000009	0.00019	<0.00005	0.008	0.000006	0.0117	2.76
	HC-45	0.00469	<0.00001	<0.000005	<0.05	0.00060	<0.000005	7.02	<0.0001	0.000010	0.00030	<0.00005	0.009	0.000013	0.0104	2.44
	HC-45	0.00407	<0.00001	<0.000005	<0.05	0.00052	<0.000005	7.17	<0.0001	0.000014	0.00031	<0.00005	0.005	0.000010	0.0100	2.27
	HC-45	0.00396	<0.00001	<0.000005	<0.05	0.00052	<0.000005	7.07	<0.0001	0.000006	0.00020	<0.00005	0.003	0.000014	0.0086	2.23
	HC-45	0.00370	<0.00001	0.000017	<0.05	0.00052	<0.000005	7.21	<0.0001	0.000006	0.00019	<0.00005	0.003	<0.000005	0.0092	2.31
	HC-45	0.00426	<0.00001	<0.000005	<0.05	0.00044	<0.000005	8.24	<0.0001	0.000008	0.00010	<0.00005	0.008	0.000007	0.0086	2.30
	HC-45	0.00369	<0.00001	<0.000005	<0.05	0.00048	<0.000005	7.18	<0.0001	0.000010	0.00017	<0.00005	0.002	0.000018	0.0079	1.95
	HC-45	0.00342	<0.00001	<0.000005	<0.05	0.00044	<0.000005	7.26	<0.0001	0.000007	0.00020	<0.00005	0.015	0.000012	0.0074	2.06
	HC-45	0.00320	<0.00001	<0.000005	<0.05	0.00040	<0.000005	6.68	<0.0001	<0.000005	0.00007	<0.00005	0.002	<0.000005	0.0079	1.89
	HC-45	0.00320	<0.00001	<0.000005	<0.05	0.00043	<0.000005	6.88	<0.0001	<0.000005	0.00019	<0.00005	0.002	<0.000005	0.0080	1.86
	HC-45	0.00308	<0.00001	<0.000005	<0.05	0.00042	<0.000005	7.04	<0.0001	<0.000005	0.00009	<0.00005	0.004	0.000009	0.0076	1.75
	HC-45	0.00310	<0.00001	<0.000005	<0.05	0.00041	<0.000005	6.73	0.0002	0.000009	0.00202	<0.00005	0.027	0.000014	0.0089	1.78
	HC-45	0.00352	<0.00001	<0.000005	<0.05	0.00042	<0.000005	7.49	<0.0001	0.000018	0.00018	<0.00005	0.029	0.000015	0.0080	1.77
	HC-45	0.00380	<0.00001	0.000027	<0.05	0.00044	<0.000005	7.75	<0.0001	0.000010	0.00008	<0.00005	0.075	0.000035	0.0085	1.74
	HC-45	0.00357	<0.00001	<0.000005	<0.05	0.00044	<0.000005	7.54	<0.0001	0.000009	0.00009	<0.00005	0.015	0.000013	0.0086	1.81
	HC-45															
	HC-45	0.00327	<0.00001	<0.000005	<0.05	0.00040	<0.000005	7.48	<0.0001	0.000008	0.00010	<0.00005	0.024	0.000011	0.0083	1.50
	HC-45															
	HC-45	0.00307	<0.00001	<0.000005	<0.05	0.00038	<0.000005	7.84	<0.0001	0.000007	0.00010	<0.00005	0.011	0.000011	0.0080	1.49
	HC-45															
	HC-45	0.00376	<0.00001	<0.000005	<0.05	0.00045	<0.000005	8.63	<0.0001	0.000008	0.00008	<0.00005	0.022	0.000014	0.0100	1.62
	HC-45															
	HC-45	0.00348	<0.00001	<0.000005	<0.05	0.00041	<0.000005	8.41	<0.0001	0.000008	0.00136	<0.00005	0.007	0.000010	0.0091	1.57
	HC-45															
	HC-45	0.00316	<0.00001	<0.000005	<0.05	0.00040	<0.000005	8.04	<0.0001	0.000014	0.00008	<0.00005	0.010	0.000009	0.0091	1.44
	HC-45															
	HC-45	0.00344	<0.00001	<0.000005	<0.05	0.00040	<0.000005	8.12	<0.0001	0.000006	0.00006	<0.00005	0.006	0.000005	0.0094	1.44
	HC-45															
	HC-45	0.00360	<0.00001	<0.000005	<0.05	0.00040	<0.000005	8.98	<0.0001	0.000006	0.00008	<0.00005	0.006	<0.000005	0.0104	1.46
	HC-45															
	HC-45	0.00379	<0.00001	<0.000005	<0.05	0.00043	<0.000005	9.00	<0.0001	0.000010	0.00007	<0.00005	0.008	<0.000005	0.0103	1.57
	HC-45															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-44															
	HC-44															
	HC-44	<0.00005	<0.00001	<0.002	0.00139	0.00018	0.20	0.00053	0.00015	0.5	<0.000005	0.07	0.01010	<10	<0.00002	0.000005
	HC-44															
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-45	0.00069	<0.00001	0.044	0.00519	0.00034	53.0	0.0684	0.00059	4.6	<0.000005	36.5	0.0221	18	<0.00002	0.000011
	HC-45	0.00059	0.00001	0.016	0.00687	0.00019	37.7	0.0471	0.00076	4.4	<0.000005	13.8	0.0147	<10	<0.00002	0.000008
	HC-45	0.00082	<0.00001	0.013	0.00126	0.00038	27.8	0.0367	0.00081	3.5	<0.000005	5.74	0.0155	<10	<0.00002	0.000006
	HC-45	0.00105	<0.00001	0.005	0.00053	0.00009	22.3	0.0302	0.00047	2.9	<0.000005	3.19	0.0157	<10	<0.00002	0.000011
	HC-45	0.00096	<0.00001	0.007	0.00042	0.00017	21.4	0.0282	0.00041	3.0	<0.000005	2.21	0.0166	<10	<0.00002	0.000011
	HC-45	0.00141	<0.00001	0.004	0.00040	0.00041	23.2	0.0317	0.00041	2.9	<0.000005	2.14	0.0203	<10	<0.00002	0.000008
	HC-45	0.00120	<0.00001	0.005	0.00032	0.00018	20.6	0.0299	0.00034	3.0	<0.000005	1.71	0.0200	<10	<0.00002	0.000009
	HC-45	0.00135	<0.00001	0.005	0.00028	0.00019	17.5	0.0244	0.00028	3.0	<0.000005	1.28	0.0179	<10	<0.00002	0.000009
	HC-45	0.00116	<0.00001	0.003	0.00023	0.00010	16.2	0.0238	0.00024	2.7	<0.000005	1.01	0.0178	<10	<0.00002	0.000008
	HC-45	0.00113	<0.00001	0.004	0.00025	0.00011	16.0	0.0234	0.00021	2.7	<0.000005	0.95	0.0181	<10	<0.00002	0.000010
	HC-45	0.00124	<0.00001	0.004	0.00027	0.00015	14.3	0.0194	0.00020	2.6	<0.000005	0.79	0.0177	<10	<0.00002	0.000010
	HC-45	0.00085	<0.00001	0.006	0.00020	0.00015	13.3	0.0202	0.00015	2.7	<0.000005	0.61	0.0169	<10	<0.00002	0.000009
	HC-45	0.00078	<0.00001	0.002	0.00021	0.00013	13.4	0.0193	0.00014	2.9	<0.000005	0.58	0.0163	<10	<0.00002	0.000007
	HC-45	0.00053	<0.00001	0.006	0.00022	0.00010	12.6	0.0177	0.00011	3.0	<0.000005	0.53	0.0153	<10	<0.00002	0.000007
	HC-45	0.00043	<0.00001	0.007	0.00022	0.00014	12.1	0.0181	0.00011	2.7	<0.000005	0.49	0.0160	<10	<0.00002	0.000007
	HC-45	0.00040	<0.00001	0.006	0.00021	0.00012	11.7	0.0175	0.00010	2.4	<0.000005	0.42	0.0151	<10	<0.00002	0.000005
	HC-45	0.00063	<0.00001	0.002	0.00024	0.00014	11.4	0.0166	0.00014	2.1	<0.000005	0.39	0.0156	<10	<0.00002	0.000004
	HC-45	0.00068	<0.00001	<0.002	0.00020	0.00012	10.9	0.0170	0.00010	2.4	<0.000005	0.38	0.0160	<10	<0.00002	0.000009
	HC-45	0.00071	<0.00001	<0.002	0.00021	0.00006	11.6	0.0180	0.00011	2.5	<0.000005	0.39	0.0167	<10	<0.00002	0.000010
	HC-45	0.00072	<0.00001	<0.002	0.00022	0.00016	11.5	0.0182	0.00012	2.4	<0.000005	0.38	0.0169	<10	<0.00002	0.000013
	HC-45															
	HC-45	0.00078	<0.00001	<0.002	0.00020	0.00019	10.4	0.0159	0.00012	2.3	<0.000005	0.29	0.0144	<10	<0.00002	0.000004
	HC-45															
	HC-45	0.00047	<0.00001	0.003	0.00023	0.00010	11.0	0.0152	0.00011	2.3	<0.000005	0.27	0.0152	<10	<0.00002	0.000009
	HC-45															
	HC-45	0.00062	<0.00001	<0.002	0.00036	0.00010	10.6	0.0173	0.00015	2.1	<0.000005	0.27	0.0179	<10	<0.00002	0.000005
	HC-45															
	HC-45	0.00046	<0.00001	<0.002	0.00033	0.00016	10.5	0.0163	0.00013	2.0	<0.000005	0.25	0.0161	<10	<0.00002	0.000005
	HC-45															
	HC-45	0.00052	<0.00001	0.003	0.00036	0.00012	9.10	0.0151	0.00014	1.9	<0.000005	0.23	0.0156	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00053	<0.00001	0.006	0.00046	0.00014	9.43	0.0149	0.00012	1.9	<0.000005	0.23	0.0162	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00040	<0.00001	0.005	0.00054	0.00004	9.36	0.0155	0.00012	2.0	<0.000005	0.23	0.0180	<10	<0.00002	0.000007
	HC-45															
	HC-45	0.00038	<0.00001	0.005	0.00080	0.00014	9.65	0.0162	0.00012	1.9	<0.000005	0.22	0.0181	<10	<0.00002	0.000007
	HC-45															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-44															
	HC-44															
	HC-44	<0.000005	<0.0002	<0.0005	0.00001	0.000542	0.0002	0.0002	<0.0001	0.004				0.370	0.368	0.27
	HC-44															
	HC-44															
	HC-44															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-45	0.000006	<0.0002	0.0005	0.00227	0.000237	0.0020	0.0003	<0.0001	<0.002				3.21	3.37	-2.43
	HC-45	<0.000005	<0.0002	<0.0005	0.00216	0.000215	0.0030	0.0001	<0.0001	<0.002				2.01	1.93	2.03
	HC-45	<0.000005	<0.0002	<0.0005	0.00082	0.000255	0.0034	0.0014	<0.0001	<0.002				1.36	1.40	-1.45
	HC-45	<0.000005	<0.0002	0.0011	0.00044	0.000397	0.0030	0.0001	<0.0001	<0.002				1.23	1.16	3.06
	HC-45	<0.000005	<0.0002	<0.0005	0.00038	0.000966	0.0038	0.0013	<0.0001	<0.002				1.14	1.16	-1.00
	HC-45	<0.000005	<0.0002	<0.0005	0.00037	0.00188	0.0043	0.0002	<0.0001	<0.002				1.06	1.34	-11.4
	HC-45	<0.000005	<0.0002	<0.0005	0.00031	0.00267	0.0040	0.0003	<0.0001	<0.002				1.19	1.17	0.680
	HC-45	<0.000005	<0.0002	<0.0005	0.00025	0.00419	0.0046	0.0014	<0.0001	<0.002				1.07	1.08	-0.470
	HC-45	<0.000005	<0.0002	<0.0005	0.00021	0.00520	0.0047	0.0002	<0.0001	0.006				1.00	1.02	-0.940
	HC-45	<0.000005	<0.0002	<0.0005	0.00018	0.00595	0.0048	<0.0001	<0.0001	<0.002				1.06	1.03	1.63
	HC-45	<0.000005	<0.0002	<0.0005	0.00019	0.00693	0.0048	0.0007	<0.0001	<0.002				1.06	1.03	1.49
	HC-45	<0.000005	<0.0002	<0.0005	0.00015	0.00595	0.0053	0.0017	<0.0001	<0.002				0.923	0.918	0.270
	HC-45	<0.000005	<0.0002	<0.0005	0.00013	0.00578	0.0049	0.0003	<0.0001	<0.002				1.01	0.932	4.21
	HC-45	<0.000005	<0.0002	<0.0005	0.00013	0.00542	0.0045	0.0006	<0.0001	<0.002				0.836	0.866	-1.76
	HC-45	<0.000005	<0.0002	<0.0005	0.00012	0.00495	0.0043	0.0003	<0.0001	<0.002				0.918	0.867	2.86
	HC-45	<0.000005	<0.0002	<0.0005	0.00012	0.00465	0.0036	0.0004	<0.0001	<0.002				0.792	0.853	-3.71
	HC-45	<0.000005	<0.0002	<0.0005	0.00012	0.00364	0.0037	0.0018	<0.0001	<0.002				0.762	0.836	-4.63
	HC-45	<0.000005	<0.0002	0.0006	0.00011	0.00343	0.0033	0.0007	<0.0001	<0.002				0.861	0.860	0.0600
	HC-45	0.000012	<0.0002	0.0012	0.00011	0.00351	0.0033	0.0001	<0.0001	<0.002				0.881	0.888	-0.400
	HC-45	<0.000005	<0.0002	0.0005	0.00010	0.00332	0.0033	0.0010	<0.0001	<0.002				0.836	0.877	-2.39
	HC-45															
	HC-45	<0.000005	<0.0002	0.0005	0.00009	0.00232	0.0027	0.0014	<0.0001	<0.002				0.791	0.825	-2.10
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00008	0.00198	0.0026	0.0002	<0.0001	<0.002				0.795	0.853	-3.52
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00009	0.00170	0.0022	0.0003	<0.0001	<0.002				0.819	0.897	-4.55
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00008	0.00179	0.0022	0.0008	<0.0001	<0.002				0.855	0.879	-1.38
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00007	0.00145	0.0020	0.0002	<0.0001	<0.002				0.776	0.813	-2.33
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00007	0.00147	0.0020	<0.0001	<0.0001	<0.002				0.806	0.828	-1.35
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00007	0.00139	0.0019	<0.0001	<0.0001	<0.002				0.821	0.872	-3.01
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00007	0.00119	0.0017	<0.0001	<0.0001	<0.002				0.846	0.885	-2.25
	HC-45															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		37	17-Aug-15	500	455	8.32	90.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		38	24-Aug-15	500	475	8.31	65.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		39	31-Aug-15	500	450	8.30	79.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		40	07-Sep-15	500	465	8.24	96.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		41	14-Sep-15	500	470	8.40	84.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		42	21-Sep-15	500	485	8.51	84.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		43	28-Sep-15	500	470	8.15	96.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		44	05-Oct-15	500	470	8.20	92.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		45	12-Oct-15	500	460	8.05	96.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		46	19-Oct-15	500	450	8.17	92.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		47	26-Oct-15	500	465	8.12	91.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		48	02-Nov-15	500	450	8.19	92.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		49	09-Nov-15	500	450	8.21	96.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		50	16-Nov-15	500	480	8.15	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		51	23-Nov-15	500	470	8.06	89.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		52	30-Nov-15	500	470	8.03	91.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		53	07-Dec-15	500	475	8.05	95.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		54	14-Dec-15	500	475	8.04	92.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		55	21-Dec-15	500	475	8.00	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		56	28-Dec-15	500	470	7.94	98.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		57	04-Jan-16	500	475	8.13	88.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		58	11-Jan-16	500	475	8.18	95.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		59	18-Jan-16	500	450	8.22	97.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		60	25-Jan-16	500	490	8.24	92.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		61	01-Feb-16	500	460	8.14	99.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		62	08-Feb-16	500	490	8.02	99.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		63	15-Feb-16	500	450	8.15	91.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		64	22-Feb-16	500	475	8.18	93.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		65	29-Feb-16	500	475	7.95	89.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		66	07-Mar-16	500	470	8.02	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		67	14-Mar-16	500	475	8.05	93.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		68	21-Mar-16	500	455	8.13	85.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		69	28-Mar-16	500	475	8.25	95.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		70	04-Apr-16	500	450	8.09	108
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		71	11-Apr-16	500	456	8.07	105
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		72	18-Apr-16	500	470	8.01	104
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		73	25-Apr-16	500	470	8.02	106
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		74	02-May-16	500	460	8.02	110
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		75	09-May-16	500	450	7.92	85.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		76	16-May-16	500	455	8.01	105
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		77	23-May-16	500	465	7.91	107
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		78	30-May-16	500	470	7.87	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		79	06-Jun-16	500	475	7.84	96.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		80	13-Jun-16	500	470	7.94	99
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		81	20-Jun-16	500	460	7.98	98
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		82	27-Jun-16	500	480	7.96	105
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		83	04-Jul-16	500	475	7.72	94.0
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		84	11-Jul-16	500	475		
	HC-45	Umwelt	Greywacke	10GSE104	86.00	89.00	0.29	0.21	0.11	49.00		85	18-Jul-16	500	465	8.06	90

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-45	110	5.8	<0.5	<0.5	37.9	<0.05		<0.5					30.0	0.405	0.00006	0.00690
	HC-45	100															
	HC-45	115	5.7	<0.5	<0.5	31.0	<0.05		1.1					27.0	0.484	0.00005	0.00612
	HC-45	120															
	HC-45	110	5.2	<0.5	<0.5	34.6	<0.05		0.8					28.9	0.457	0.00005	0.00579
	HC-45	110															
	HC-45	125	6.1	<0.5	<0.5	38.9	<0.05		0.8					32.1	0.410	0.00005	0.00553
	HC-45	120															
	HC-45	115	6.9	<0.5	<0.5	38.3	<0.05		0.7					31.8	0.419	0.00005	0.00578
	HC-45	110															
	HC-45	120	6.5	<0.5	<0.5	36.4	<0.05		<0.5					32.1	0.437	0.00005	0.00564
	HC-45	110															
	HC-45	120	6.7	<0.5	<0.5	35.0	<0.05		<0.5					26.7	0.467	0.00005	0.00553
	HC-45	110															
	HC-45	115	7.2	<0.5	<0.5	36.3	<0.05		<0.5					30.9	0.458	0.00004	0.00478
	HC-45	120															
	HC-45	110	7.7	<0.5	<0.5	39.7	<0.05		1.0					34.1	0.399	0.00004	0.00408
	HC-45	100															
	HC-45	120	6.6	<0.5	<0.5	37.8	<0.05		<0.5					34.1	0.424	0.00004	0.00433
	HC-45	120															
	HC-45	120	6.6	<0.5	<0.5	36.1	<0.05		<0.5					32.4	0.431	0.00004	0.00383
	HC-45	110															
	HC-45	115	7.8	<0.5	<0.5	40.2	<0.05		<0.5					35.3	0.405	0.00003	0.00324
	HC-45	125															
	HC-45	125	8.0	<0.5	<0.5	38.9	<0.05		<0.5					35.6	0.386	0.00004	0.00335
	HC-45	125															
	HC-45	125	7.8	<0.5	<0.5	34.8	<0.05		<0.5					32.1	0.403	0.00004	0.00322
	HC-45	130															
	HC-45	130	6.9	<0.5	<0.5	38.4	<0.05		<0.5					32.4	0.395	0.00003	0.00350
	HC-45	125															
	HC-45	130	7.1	<0.5	<0.5	36.3	<0.05		<0.5					32.5	0.416	0.00003	0.00339
	HC-45	130															
	HC-45	130	7.9	<0.5	<0.5	37.4	<0.05		<0.5					34.3	0.422	0.00003	0.00332
	HC-45	130															
	HC-45	130	8.8	<0.5	<0.5	44.8	<0.05		<0.5					39.9	0.327	0.00004	0.00268
	HC-45	135															
	HC-45	130	9.0	<0.5	<0.5	40.8	<0.05		0.8					39.7	0.377	0.00003	0.00279
	HC-45	140															
	HC-45	140	9.1	<0.5	<0.5	30.0	<0.05		0.8					31.0	0.231	0.00003	0.00157
	HC-45	145															
	HC-45	135	10.9	<0.5	<0.5	39.9	<0.05		<0.5					40.2	0.329	0.00003	0.00255
	HC-45	140															
	HC-45	150	9.6	<0.5	<0.5	35.7	<0.05		0.6					35.1	0.382	0.00003	0.00234
	HC-45	160															
	HC-45	150	10.3	<0.5	<0.5	36.8	<0.05		0.8					35.8	0.386	0.00003	0.00203
	HC-45	150															
	HC-45	160	10.7	<0.5	<0.5	35.1	<0.05		0.7					35.2	0.394	0.00003	0.00212
	HC-45																
	HC-45	160															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-45	0.00413	<0.00001	<0.000005	<0.05	0.00044	<0.000005	9.39	<0.0001	0.000009	0.00011	<0.00005	0.011	0.000012	0.0101	1.60
	HC-45															
	HC-45	0.00348	<0.00001	<0.000005	<0.05	0.00037	<0.000005	8.69	<0.0001	0.000007	0.00008	<0.00005	0.007	0.000005	0.0090	1.28
	HC-45															
	HC-45	0.00387	<0.00001	<0.000005	<0.05	0.00041	<0.000005	9.26	<0.0001	0.000012	0.00013	<0.00005	0.013	0.000014	0.0090	1.40
	HC-45															
	HC-45	0.00491	<0.00001	<0.000005	<0.05	0.00047	<0.000005	10.2	<0.0001	0.000009	0.00009	<0.00005	0.014	0.000014	0.0106	1.62
	HC-45															
	HC-45	0.00488	<0.00001	<0.000005	<0.05	0.00048	<0.000005	10.1	<0.0001	0.000010	0.00019	<0.00005	0.018	0.000033	0.0111	1.59
	HC-45															
	HC-45	0.00532	<0.00001	<0.000005	<0.05	0.00050	<0.000005	10.2	0.0002	0.000009	0.00013	<0.00005	0.016	0.000016	0.0112	1.59
	HC-45															
	HC-45	0.00488	<0.00001	<0.000005	<0.05	0.00050	<0.000005	7.84	<0.0001	0.000008	0.00010	<0.00005	0.018	0.000017	0.0101	1.74
	HC-45															
	HC-45	0.00458	<0.00001	<0.000005	<0.05	0.00042	<0.000005	9.99	<0.0001	0.000014	0.00010	<0.00005	0.039	0.000049	0.0092	1.44
	HC-45															
	HC-45	0.00476	<0.00001	<0.000005	<0.05	0.00044	<0.000005	11.1	<0.0001	0.000011	0.00010	<0.00005	0.011	0.000014	0.0097	1.55
	HC-45															
	HC-45	0.00490	<0.00001	0.000016	<0.05	0.00042	<0.000005	11.2	<0.0001	0.000009	0.00031	<0.00005	0.005	0.000007	0.0098	1.52
	HC-45															
	HC-45	0.00457	<0.00001	<0.000005	<0.05	0.00039	0.000009	10.6	<0.0001	0.000249	0.00036	<0.00005	0.004	0.000040	0.0083	1.42
	HC-45															
	HC-45	0.00498	<0.00001	<0.000005	<0.05	0.00043	<0.000005	11.5	<0.0001	0.000007	0.00007	<0.00005	0.003	0.000008	0.0085	1.58
	HC-45															
	HC-45	0.00568	<0.00001	<0.000005	<0.05	0.00047	<0.000005	11.7	<0.0001	0.000016	<0.00005	<0.00005	0.002	<0.000005	0.0096	1.55
	HC-45															
	HC-45	0.00506	<0.00001	<0.000005	<0.05	0.00042	<0.000005	10.4	<0.0001	0.000022	0.00009	<0.00005	0.012	0.000013	0.0082	1.47
	HC-45															
	HC-45	0.00511	<0.00001	<0.000005	<0.05	0.00042	<0.000005	10.6	<0.0001	0.000024	0.00013	0.00010	0.017	0.000016	0.0088	1.46
	HC-45															
	HC-45	0.00521	<0.00001	<0.000005	<0.05	0.00039	0.000013	10.6	<0.0001	0.000015	0.00012	<0.00005	0.013	0.000013	0.0084	1.50
	HC-45															
	HC-45	0.00624	<0.00001	<0.000005	<0.05	0.00041	<0.000005	11.2	0.0001	0.000019	0.00039	<0.00005	0.133	0.000097	0.0090	1.52
	HC-45															
	HC-45	0.00644	<0.00001	<0.000005	<0.05	0.00046	<0.000005	13.0	<0.0001	0.000007	0.00019	<0.00005	0.005	0.000009	0.0100	1.82
	HC-45															
	HC-45	0.00626	<0.00001	<0.000005	<0.05	0.00053	<0.000005	12.8	<0.0001	0.000028	0.00013	<0.00005	0.003	0.000005	0.0101	1.84
	HC-45															
	HC-45	0.00829	<0.00001	<0.000005	<0.05	0.00050	<0.000005	10.0	<0.0001	0.000014	0.00017	<0.00005	0.014	0.000011	0.0079	1.45
	HC-45															
	HC-45	0.00667	<0.00001	0.000005	<0.05	0.00045	<0.000005	13.1	<0.0001	0.000007	0.00007	<0.00005	0.006	0.000015	0.0103	1.82
	HC-45															
	HC-45	0.00515	<0.00001	<0.000005	<0.05	0.00040	0.000011	11.5	<0.0001	0.000008	0.00013	<0.00005	0.007	0.000007	0.0081	1.56
	HC-45															
	HC-45	0.00534	<0.00001	<0.000005	<0.05	0.00043	<0.000005	11.7	<0.0001	0.000011	<0.00005	<0.00005	0.021	0.000017	0.0079	1.62
	HC-45															
	HC-45	0.00511	<0.00001	0.000049	<0.05	0.00038	0.000018	11.6	<0.0001	0.000008	0.00008	<0.00005	0.030	0.000006	0.0076	1.52
	HC-45															
	HC-45															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-45	0.00053	<0.00001	0.005	0.00104	0.00007	9.46	0.0166	0.00012	1.8	<0.000005	0.22	0.0187	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00040	<0.00001	0.005	0.00128	0.00015	7.81	0.0133	0.00009	1.8	<0.000005	0.16	0.0151	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00038	<0.00001	0.012	0.00222	0.00005	8.48	0.0147	0.00010	1.8	<0.000005	0.20	0.0178	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00034	<0.00001	0.007	0.00389	0.00005	9.73	0.0173	0.00010	1.8	<0.000005	0.22	0.0201	<10	<0.00002	0.000005
	HC-45															
	HC-45	0.00044	<0.00001	0.007	0.00509	0.00015	9.27	0.0172	0.00011	1.8	<0.000005	0.20	0.0201	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00033	<0.00001	0.003	0.00422	0.00022	9.31	0.0167	0.00011	1.9	<0.000005	0.21	0.0200	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00048	<0.00001	0.005	0.00568	0.00010	9.67	0.0176	0.00007	2.1	<0.000005	0.22	0.0211	<10	<0.00002	0.000007
	HC-45															
	HC-45	0.00040	<0.00001	0.004	0.00607	0.00006	8.18	0.0153	0.00009	1.8	<0.000005	0.17	0.0186	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00027	<0.00001	0.004	0.00672	0.00008	8.44	0.0157	0.00007	1.7	<0.000005	0.17	0.0201	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00030	<0.00001	<0.002	0.00720	0.00007	8.20	0.0166	0.00008	1.9	<0.000005	0.18	0.0229	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00443	<0.00001	0.005	0.00615	0.00027	7.52	0.0148	0.00006	1.8	<0.000005	0.17	0.0203	<10	<0.00002	0.000007
	HC-45															
	HC-45	0.00013	<0.00001	0.005	0.00797	0.00008	8.04	0.0158	0.00007	1.8	<0.000005	0.16	0.0217	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00012	<0.00001	0.006	0.00799	0.00005	8.06	0.0159	0.00005	1.8	<0.000005	0.17	0.0216	<10	<0.00002	0.000009
	HC-45															
	HC-45	0.00028	<0.00001	0.005	0.00647	0.00012	7.25	0.0144	0.00006	1.7	<0.000005	0.14	0.0188	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00044	<0.00001	0.002	0.00635	0.00021	7.31	0.0154	0.00006	1.9	<0.000005	0.14	0.0195	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00026	<0.00001	0.003	0.00822	0.00016	7.29	0.0144	<0.00004	1.8	<0.000005	0.15	0.0184	<10	<0.00002	0.000014
	HC-45															
	HC-45	0.00073	<0.00001	0.002	0.00840	0.00006	7.21	0.0144	0.00004	2.0	<0.000005	0.17	0.0198	<10	<0.00002	0.000009
	HC-45															
	HC-45	0.00015	<0.00001	<0.002	0.00845	0.00015	8.31	0.0168	0.00006	1.8	<0.000005	0.16	0.0225	<10	<0.00002	0.000013
	HC-45															
	HC-45	0.00017	<0.00001	0.004	0.00848	0.00012	8.98	0.0182	0.00007	1.9	<0.000005	0.16	0.0229	<10	<0.00002	0.000009
	HC-45															
	HC-45	0.00025	<0.00001	0.003	0.00757	0.00028	6.66	0.0145	0.00005	1.4	<0.000005	0.13	0.0180	<10	<0.00002	0.000008
	HC-45															
	HC-45	0.00016	<0.00001	<0.002	0.00713	0.00009	8.17	0.0185	0.00006	2.0	<0.000005	0.15	0.0247	<10	<0.00002	0.000010
	HC-45															
	HC-45	0.00015	<0.00001	0.003	0.00689	0.00010	7.19	0.0152	0.00005	1.7	<0.000005	0.13	0.0194	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00025	<0.00001	<0.002	0.00682	0.00008	7.26	0.0163	0.00005	1.6	<0.000005	0.14	0.0215	<10	<0.00002	0.000006
	HC-45															
	HC-45	0.00017	<0.00001	0.002	0.00598	0.00006	6.53	0.0148	0.00004	1.8	<0.000005	0.11	0.0191	<10	<0.00002	0.000008
	HC-45															
	HC-45															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.00115	0.0016	0.0001	<0.0001	<0.002				0.879	0.897	-1.01
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00004	0.000829	0.0015	<0.0001	<0.0001	<0.002				0.770	0.800	-1.91
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.000948	0.0018	0.0001	<0.0001	<0.002				0.82	0.85	-1.91
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.00109	0.0015	0.0002	<0.0001	<0.002				0.93	0.95	-1.07
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.00103	0.0016	0.0011	<0.0001	<0.002				0.93	0.93	0.05
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.00109	0.0021	0.0009	<0.0001	<0.002				0.86	0.94	-4.11
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.00101	0.0009	0.0004	<0.0001	<0.002				0.84	0.84	-0.24
	HC-45															
	HC-45	<0.000005	<0.0002	0.0005	0.00005	0.000900	0.0019	0.0009	<0.0001	<0.002				0.88	0.89	-0.62
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.00104	0.0013	0.0010	<0.0001	<0.002				0.98	0.95	1.60
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.000977	0.0010	0.0006	<0.0001	<0.002				0.89	0.95	-2.93
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.000940	0.0012	0.0010	<0.0001	<0.002				0.86	0.90	-2.05
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.00105	0.0012	0.0002	<0.0001	<0.002				0.97	0.96	0.16
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.00106	0.0011	0.0002	<0.0001	<0.002				0.94	0.97	-1.31
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.000954	0.0010	0.0005	<0.0001	<0.002				0.86	0.88	-1.09
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.000905	0.0012	0.0007	<0.0001	<0.002				0.91	0.88	1.50
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.000909	0.0011	0.0011	<0.0001	<0.002				0.87	0.89	-0.91
	HC-45															
	HC-45	0.000014	<0.0002	0.0021	0.00005	0.000891	0.0011	0.0002	<0.0001	<0.002				0.91	0.93	-0.87
	HC-45															
	HC-45	0.000024	<0.0002	<0.0005	0.00006	0.00102	0.0010	0.0007	<0.0001	0.003				1.08	1.05	1.27
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.000941	0.0010	0.0006	<0.0001	<0.002				1.03	1.07	-2.15
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.000716	0.0007	0.0033	<0.0001	<0.002				0.81	0.82	-0.55
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.000925	0.0010	0.0002	<0.0001	<0.002				1.02	1.06	-1.54
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00006	0.000763	0.0009	0.0018	<0.0001	<0.002				0.93	0.93	-0.16
	HC-45															
	HC-45	<0.000005	<0.0002	0.0006	0.00005	0.000823	0.0007	0.0004	<0.0001	<0.002				0.97	0.95	1.09
	HC-45															
	HC-45	<0.000005	<0.0002	<0.0005	0.00005	0.000813	0.0008	0.0019	<0.0001	<0.002				0.94	0.92	1.34
	HC-45															
	HC-45															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	0	25-Dec-12	750	560	8.21	242
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	1	01-Jan-13	500	500	7.82	186
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	2	08-Jan-13	500	465	8.09	153
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	3	15-Jan-13	500	470	8.41	107
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	4	22-Jan-13	500	460	7.82	100
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	5	29-Jan-13	500	470	7.87	92.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	6	05-Feb-13	500	470	7.89	80.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	7	12-Feb-13	500	475	7.88	83.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	8	19-Feb-13	500	465	7.93	87.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	9	26-Feb-13	500	465	7.91	81.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	10	05-Mar-13	500	480	7.94	87.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	11	12-Mar-13	500	485	7.86	84.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	12	19-Mar-13	500	485	7.94	82.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	13	26-Mar-13	500	445	7.80	76.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	14	02-Apr-13	500	495	7.87	81.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	15	09-Apr-13	500	475	7.89	76.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	16	16-Apr-13	500	460	7.82	84.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	17	23-Apr-13	500	475	7.82	87.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	18	30-Apr-13	500	475	7.81	87.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	19	07-May-13	500	465	7.09	91.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	20	14-May-13	500	475	7.68	83.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	21	21-May-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	22	28-May-13	500	475	7.84	91.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	23	04-Jun-13	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	24	11-Jun-13	500	470	7.78	89.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	25	18-Jun-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	26	25-Jun-13	500	470	7.84	93.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	27	02-Jul-13	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	28	09-Jul-13	500	470	7.78	92.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	29	16-Jul-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	30	23-Jul-13	500	475	7.73	85.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	31	30-Jul-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	32	06-Aug-13	500	485	7.73	86.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	33	13-Aug-13	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	34	20-Aug-13	500	465	7.71	94.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	35	27-Aug-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	36	03-Sep-13	500	470	7.66	91.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	37	10-Sep-13	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	38	17-Sep-13	500	465	7.67	98.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	39	24-Sep-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	40	01-Oct-13	500	460	7.64	113
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	41	08-Oct-13	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	42	15-Oct-13	500	460	7.66	108
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	43	22-Oct-13	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	44	29-Oct-13	500	475	7.55	117
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	45	05-Nov-13	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	46	12-Nov-13	500	475	7.53	107
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	47	19-Nov-13	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	48	26-Nov-13	500	470	7.60	114
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	49	03-Dec-13	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	50	10-Dec-13	500	475	7.70	118

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03	125	16.5	<0.5	0.9	29.6	0.19	0.169	36.0	<2	<0.5			53.6	0.0961	0.00202	0.00050
BR01-3	HC-03	115	22.5	<0.5	0.6	33.3	0.20	0.065	18.0	<2	<0.5			58.8	0.128	0.00764	0.00264
BR01-3	HC-03	120	28.3	<0.5	0.7	28.6	0.18	0.021	5.2	<2	<0.5			48.3	0.200	0.00648	0.00300
BR01-3	HC-03	120	19.4	<0.5	<0.5	27.4	0.13	<0.01	1.1	<2	<0.5			39.8	0.208	0.00532	0.00306
BR01-3	HC-03	150	15.9	<0.5	<0.5	26.0	0.10	<0.01	0.7	<0.02	<0.005			37.4	0.192	0.00475	0.00372
BR01-3	HC-03	155	14.1	<0.5	<0.5	25.8	0.10	<0.01	0.6					35.2	0.175	0.00420	0.00379
BR01-3	HC-03	140	13.7	<0.5	<0.5	26.5	0.07	<0.01	0.8					35.1	0.135	0.00380	0.00382
BR01-3	HC-03	125	13.7	<0.5	<0.5	25.2	0.08	<0.01	0.6					35.3	0.185	0.00381	0.00474
BR01-3	HC-03	120	12.9	<0.5	0.8	26.6	0.07	<0.01	0.6					38.5	0.185	0.00374	0.00508
BR01-3	HC-03	120	12.9	<0.5	<0.5	26.2	0.06	<0.01	<0.5					35.8	0.165	0.00337	0.00476
BR01-3	HC-03	135	13.3	<0.5	0.7	26.2	0.05	<0.01	0.6					37.5	0.154	0.00315	0.00520
BR01-3	HC-03	140	13.6	<0.5	<0.5	28.6	<0.05	<0.01	0.8					38.3	0.133	0.00280	0.00459
BR01-3	HC-03	130	13.3	<0.5	<0.5	27.9	<0.05	<0.01	<0.5					37.1	0.144	0.00254	0.00524
BR01-3	HC-03	120	13.9	<0.5	<0.5	24.2	<0.05	<0.01	0.7					34.9	0.161	0.00229	0.00496
BR01-3	HC-03	125	13.0	<0.5	<0.5	26.7	<0.05	<0.01	<0.5					36.6	0.142	0.00222	0.00455
BR01-3	HC-03	130	12.3	<0.5	<0.5	22.1	<0.05	<0.01	0.8					34.1	0.141	0.00192	0.00435
BR01-3	HC-03	125	14.8	<0.5	<0.5	24.5	<0.05	<0.01	0.7					37.8	0.121	0.00200	0.00481
BR01-3	HC-03	140	14.9	<0.5	<0.5	25.8	<0.05	<0.01	0.5					38.0	0.112	0.00183	0.00415
BR01-3	HC-03	125	14.2	<0.5	<0.5	24.8	<0.05	<0.01	0.5					36.9	0.108	0.00174	0.00389
BR01-3	HC-03	125	17.1	<0.5	0.5	25.8	<0.05	<0.01	<0.5					39.6	0.108	0.00185	0.00449
BR01-3	HC-03	125	16.1	<0.5	<0.5	23.2	<0.05	<0.01	<0.5					35.7	0.114	0.00160	0.00411
BR01-3	HC-03																
BR01-3	HC-03	125	17.1	<0.5	<0.5	25.2	<0.05	<0.01	<0.5					40.1	0.110	0.00147	0.00388
BR01-3	HC-03																
BR01-3	HC-03	130	17.0	<0.5	<0.5	24.7	<0.05	<0.01	<0.5					41.0	0.119	0.00137	0.00390
BR01-3	HC-03																
BR01-3	HC-03	130	16.3	<0.5	<0.5	24.2	<0.05	<0.01	<0.5					42.0	0.109	0.00125	0.00363
BR01-3	HC-03																
BR01-3	HC-03	160	17.7	<0.5	<0.5	24.5	<0.05	<0.01	0.5					39.6	0.105	0.00114	0.00328
BR01-3	HC-03																
BR01-3	HC-03	130	17.0	<0.5	<0.5	22.4	<0.05	<0.01	0.7					36.6	0.100	0.00100	0.00306
BR01-3	HC-03																
BR01-3	HC-03	150	17.8	<0.5	0.6	22.3	<0.05	<0.01	0.6					36.3	0.105	0.00089	0.00256
BR01-3	HC-03																
BR01-3	HC-03	150	20.3	<0.5	<0.5	22.4	<0.05	<0.01	<0.5					39.7	0.0860	0.00087	0.00289
BR01-3	HC-03																
BR01-3	HC-03	140	19.0	<0.5	<0.5	21.5	<0.05	<0.01	<0.5					39.5	0.0934	0.00078	0.00257
BR01-3	HC-03																
BR01-3	HC-03	140	26.3	<0.5	<0.5	21.4	<0.05	<0.01	0.8					43.3	0.0932	0.00078	0.00262
BR01-3	HC-03																
BR01-3	HC-03	150	31.9	<0.5	0.8	17.9	<0.05	<0.01	<0.5					49.7	0.0845	0.00067	0.00215
BR01-3	HC-03																
BR01-3	HC-03	145	29.6	<0.5	<0.5	17.5	<0.05	<0.01	0.5					52.7	0.0828	0.00064	0.00197
BR01-3	HC-03																
BR01-3	HC-03	130	30.4	<0.5	<0.5	21.3	<0.05	<0.01	0.5					50.2	0.0817	0.00061	0.00194
BR01-3	HC-03																
BR01-3	HC-03	140	29.0	<0.5	0.7	22.0	<0.05	<0.01	<0.5					45.9	0.0714	0.00059	0.00164
BR01-3	HC-03																
BR01-3	HC-03	150	29.2	<0.5	<0.5	22.7	<0.05	<0.01	<0.5					51.4	0.0720	0.00054	0.00164
BR01-3	HC-03																
BR01-3	HC-03	145	32.6	<0.5	<0.5	21.5	<0.05	<0.01	<0.5					51.0	0.0858	0.00054	0.00159

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03	0.00731	<0.00001	<0.000005	0.08	0.00215	<0.000005	14.2	<0.0001	0.000024	0.00085	<0.00005	0.008	0.000065	0.0054	4.42
BR01-3	HC-03	0.00474	<0.00001	<0.000005	0.13	0.00112	<0.000005	15.4	<0.0001	0.000034	0.00042	<0.00005	<0.001	0.000103	0.0055	4.92
BR01-3	HC-03	0.00304	<0.00001	<0.000005	0.09	0.00061	<0.000005	12.2	<0.0001	0.000033	0.00025	<0.00005	0.007	0.000191	0.0046	4.36
BR01-3	HC-03	0.00286	<0.00001	<0.000005	0.06	0.00046	<0.000005	9.98	0.0001	0.000028	0.00020	<0.00005	0.013	0.000045	0.0042	3.62
BR01-3	HC-03	0.00200	<0.00001	<0.000005	<0.05	0.00040	<0.000005	9.48	<0.0001	0.000043	0.00008	<0.00005	0.012	0.000026	0.0032	3.34
BR01-3	HC-03	0.00169	<0.00001	<0.000005	<0.05	0.00032	<0.000005	9.05	0.0001	0.000048	0.00060	<0.00005	0.014	0.000036	0.0031	3.05
BR01-3	HC-03	0.00175	<0.00001	<0.000005	<0.05	0.00030	<0.000005	9.09	<0.0001	0.000048	0.00022	<0.00005	0.009	0.000031	0.0031	3.01
BR01-3	HC-03	0.00176	<0.00001	<0.000005	<0.05	0.00025	<0.000005	9.32	0.0001	0.000046	0.00008	<0.00005	0.020	0.000033	0.0030	2.91
BR01-3	HC-03	0.00160	<0.00001	<0.000005	<0.05	0.00022	<0.000005	10.6	<0.0001	0.000050	0.00016	<0.00005	0.015	0.000110	0.0031	2.93
BR01-3	HC-03	0.00157	<0.00001	<0.000005	<0.05	0.00019	<0.000005	9.55	0.0001	0.000047	0.00013	<0.00005	0.014	0.000020	0.0027	2.90
BR01-3	HC-03	0.00168	<0.00001	<0.000005	<0.05	0.00020	<0.000005	10.2	<0.0001	0.000056	0.00018	<0.00005	0.016	0.000030	0.0029	2.94
BR01-3	HC-03	0.00179	<0.00001	<0.000005	<0.05	0.00015	<0.000005	10.3	<0.0001	0.000050	0.00011	<0.00005	0.007	0.000018	0.0026	3.06
BR01-3	HC-03	0.00150	<0.00001	<0.000005	<0.05	0.00017	<0.000005	10.1	0.0001	0.000055	0.00014	<0.00005	0.012	0.000028	0.0025	2.89
BR01-3	HC-03	0.00146	<0.00001	<0.000005	<0.05	0.00012	<0.000005	9.35	0.0001	0.000052	0.00013	<0.00005	0.017	0.000032	0.0024	2.81
BR01-3	HC-03	0.00142	<0.00001	<0.000005	<0.05	0.00016	<0.000005	9.84	<0.0001	0.000068	0.00011	<0.00005	0.011	0.000038	0.0024	2.91
BR01-3	HC-03	0.00124	<0.00001	<0.000005	<0.05	0.00014	<0.000005	9.27	<0.0001	0.000057	0.00016	<0.00005	0.007	0.000297	0.0021	2.65
BR01-3	HC-03	0.00143	<0.00001	<0.000005	<0.05	0.00016	<0.000005	10.2	<0.0001	0.000066	0.00022	<0.00005	0.004	0.000016	0.0022	2.97
BR01-3	HC-03	0.00204	<0.00001	<0.000005	<0.05	0.00015	<0.000005	10.0	<0.0001	0.000068	<0.00005	<0.00005	0.002	0.000022	0.0022	3.13
BR01-3	HC-03	0.00148	<0.00001	<0.000005	<0.05	0.00013	<0.000005	10.0	<0.0001	0.000116	0.00011	<0.00005	0.009	0.000006	0.0020	2.91
BR01-3	HC-03	0.00156	<0.00001	<0.000005	<0.05	0.00014	<0.000005	10.5	<0.0001	0.000090	<0.00005	<0.00005	0.004	0.000035	0.0024	3.22
BR01-3	HC-03	0.00130	<0.00001	<0.000005	<0.05	0.00013	<0.000005	9.31	<0.0001	0.000082	0.00012	<0.00005	0.004	0.000020	0.0021	3.03
BR01-3	HC-03															
BR01-3	HC-03	0.00138	<0.00001	<0.000005	<0.05	0.00011	<0.000005	10.6	<0.0001	0.000087	<0.00005	<0.00005	0.001	0.000010	0.0022	3.29
BR01-3	HC-03															
BR01-3	HC-03	0.00156	<0.00001	<0.000005	<0.05	0.00014	<0.000005	10.7	<0.0001	0.000100	0.00007	<0.00005	0.003	0.000015	0.0021	3.45
BR01-3	HC-03															
BR01-3	HC-03	0.00146	<0.00001	<0.000005	<0.05	0.00012	<0.000005	11.1	0.0002	0.000108	0.00007	<0.00005	0.002	0.000018	0.0021	3.43
BR01-3	HC-03															
BR01-3	HC-03	0.00134	<0.00001	<0.000005	<0.05	0.00013	<0.000005	10.4	0.0001	0.000104	0.00022	<0.00005	0.005	0.000012	0.0020	3.34
BR01-3	HC-03															
BR01-3	HC-03	0.00129	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.24	0.0001	0.000101	0.00020	<0.00005	0.004	0.000027	0.0023	3.29
BR01-3	HC-03															
BR01-3	HC-03	0.00134	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.11	<0.0001	0.000089	<0.00005	<0.00005	0.002	0.000010	0.0016	3.29
BR01-3	HC-03															
BR01-3	HC-03	0.00122	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.58	<0.0001	0.000110	0.00013	<0.00005	<0.001	0.000008	0.0021	3.82
BR01-3	HC-03															
BR01-3	HC-03	0.00121	<0.00001	<0.000005	<0.05	0.00009	<0.000005	10.1	<0.0001	0.000118	0.00014	<0.00005	<0.001	0.000008	0.0014	3.49
BR01-3	HC-03															
BR01-3	HC-03	0.00126	<0.00001	<0.000005	<0.05	0.00012	<0.000005	11.2	<0.0001	0.000125	0.00014	<0.00005	<0.001	0.000048	0.0019	3.69
BR01-3	HC-03															
BR01-3	HC-03	0.00155	<0.00001	<0.000005	<0.05	0.00008	<0.000005	12.1	<0.0001	0.000150	0.00012	<0.00005	0.001	0.000016	0.0020	4.71
BR01-3	HC-03															
BR01-3	HC-03	0.00153	<0.00001	<0.000005	<0.05	0.00009	<0.000005	13.1	<0.0001	0.000147	0.00013	<0.00005	<0.001	0.000009	0.0018	4.88
BR01-3	HC-03															
BR01-3	HC-03	0.00157	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.0	<0.0001	0.000158	0.00008	<0.00005	<0.001	0.000043	0.0019	4.92
BR01-3	HC-03															
BR01-3	HC-03	0.00161	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.4	<0.0001	0.000166	0.00018	0.00005	0.009	0.000092	0.0011	4.21
BR01-3	HC-03															
BR01-3	HC-03	0.00139	<0.00001	<0.000005	<0.05	0.00009	<0.000005	12.6	<0.0001	0.000163	0.00007	<0.00005	<0.001	0.000205	0.0017	4.85
BR01-3	HC-03															
BR01-3	HC-03	0.00140	<0.00001	<0.000005	<0.05	0.00010	0.000031	12.1	<0.0001	0.000159	0.00021	<0.00005	<0.001	0.000156	0.0019	5.05

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03	0.00469	<0.00001	0.014	0.00862	0.00167	20.10	0.0311	0.00026	0.7	<0.000005	9.21	0.0886	<10	<0.00002	0.000007
BR01-3	HC-03	0.00962	<0.00001	<0.002	0.00702	0.00017	12.10	0.0182	0.00042	1.3	<0.000005	5.74	0.0807	<10	<0.00002	0.000004
BR01-3	HC-03	0.00538	<0.00001	0.003	0.00622	0.00010	7.74	0.0122	0.00057	1.2	<0.000005	3.03	0.0634	12	<0.00002	0.000003
BR01-3	HC-03	0.00427	<0.00001	<0.002	0.00344	0.00031	5.16	0.00795	0.00052	1.2	<0.000005	1.62	0.0485	<10	<0.00002	0.000002
BR01-3	HC-03	0.00399	<0.00001	0.003	0.00272	0.00009	4.11	0.00689	0.00054	1.2	<0.000005	1.01	0.0446	<10	<0.00002	0.000002
BR01-3	HC-03	0.00410	<0.00001	0.012	0.00225	0.00014	3.41	0.00554	0.00032	1.2	<0.000005	0.67	0.0382	<10	<0.00002	0.000002
BR01-3	HC-03	0.00506	<0.00001	0.006	0.00183	0.00008	2.77	0.00473	0.00036	1.1	<0.000005	0.47	0.0375	<10	<0.00002	0.000003
BR01-3	HC-03	0.00531	<0.00001	<0.002	0.00181	0.00007	2.68	0.00450	0.00023	1.2	<0.000005	0.40	0.0364	<10	0.00003	0.000003
BR01-3	HC-03	0.00496	<0.00001	0.004	0.00195	0.00021	2.55	0.00456	0.00034	1.6	<0.000005	0.37	0.0360	<10	0.00002	0.000002
BR01-3	HC-03	0.00503	0.00002	0.008	0.00182	0.00013	2.24	0.00401	0.00038	1.2	<0.000005	0.28	0.0351	<10	<0.00002	0.000002
BR01-3	HC-03	0.00593	<0.00001	<0.002	0.00161	0.00008	2.07	0.00377	0.00032	1.2	<0.000005	0.24	0.0339	<10	0.00003	0.000002
BR01-3	HC-03	0.00593	<0.00001	0.010	0.00154	0.00010	1.92	0.00349	0.00023	1.3	<0.000005	0.23	0.0339	<10	<0.00002	0.000002
BR01-3	HC-03	0.00504	<0.00001	0.003	0.00154	0.00008	1.84	0.00330	0.00025	1.3	<0.000005	0.20	0.0315	<10	<0.00002	0.000002
BR01-3	HC-03	0.00629	<0.00001	<0.002	0.00151	0.00004	1.82	0.00317	0.00016	1.1	<0.000005	0.17	0.0279	<10	<0.00002	<0.000002
BR01-3	HC-03	0.00594	<0.00001	<0.002	0.00143	0.00009	1.63	0.00328	0.00015	1.1	<0.000005	0.18	0.0289	<10	<0.00002	0.000004
BR01-3	HC-03	0.00535	<0.00001	0.002	0.00133	0.00010	1.50	0.00288	0.00018	1.1	<0.000005	0.17	0.0258	<10	0.00002	0.000003
BR01-3	HC-03	0.00696	<0.00001	<0.002	0.00145	0.00007	1.66	0.00311	0.00017	1.1	<0.000005	0.15	0.0275	<10	<0.00002	0.000003
BR01-3	HC-03	0.00758	<0.00001	<0.002	0.00143	0.00008	1.55	0.00308	0.00026	1.0	<0.000005	0.16	0.0288	<10	<0.00002	0.000002
BR01-3	HC-03	0.00747	<0.00001	0.003	0.00116	0.00019	1.37	0.00274	0.00019	1.0	<0.000005	0.13	0.0254	<10	<0.00002	<0.000002
BR01-3	HC-03	0.00779	<0.00001	<0.002	0.00149	0.00010	1.59	0.00300	0.00025	1.0	<0.000005	0.13	0.0277	<10	<0.00002	<0.000002
BR01-3	HC-03	0.00729	0.00002	0.005	0.00121	0.00039	1.35	0.00269	0.00026	1.0	<0.000005	0.13	0.0234	<10	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00920	<0.00001	<0.002	0.00122	0.00016	1.40	0.00285	0.00012	1.0	<0.000005	0.12	0.0236	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.00893	<0.00001	0.003	0.00132	0.00027	1.28	0.00273	0.00021	1.0	<0.000005	0.12	0.0231	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.00988	<0.00001	0.018	0.00124	0.00023	1.22	0.00300	0.00014	1.0	<0.000005	0.13	0.0209	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.00989	<0.00001	<0.002	0.00121	0.00017	1.07	0.00246	0.00013	1.0	<0.000005	0.10	0.0190	<10	<0.00002	0.000007
BR01-3	HC-03															
BR01-3	HC-03	0.00997	0.00003	0.004	0.00119	0.00021	1.02	0.00240	0.00015	0.8	<0.000005	0.09	0.0174	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.0109	<0.00001	0.003	0.00106	0.00008	0.92	0.00247	0.00015	0.8	<0.000005	0.08	0.0166	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.0124	<0.00001	<0.002	0.00111	0.00007	0.95	0.00243	0.00015	0.7	<0.000005	0.09	0.0160	<10	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.0126	<0.00001	0.011	0.00103	0.00011	0.96	0.00245	0.00013	0.8	0.000007	0.09	0.0149	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0141	<0.00001	0.006	0.00094	0.00021	1.04	0.00296	0.00018	1.0	<0.000005	0.11	0.0156	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.0174	<0.00001	<0.002	0.00099	0.00018	0.96	0.00237	0.00014	0.7	<0.000005	0.09	0.0166	11	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0169	<0.00001	<0.002	0.00093	0.00010	0.96	0.00235	0.00021	0.8	<0.000005	0.09	0.0153	11	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.0172	<0.00001	<0.002	0.00095	0.00019	0.85	0.00253	0.00016	0.7	<0.000005	0.08	0.0157	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0170	<0.00001	0.005	0.00100	0.00077	0.75	0.00251	0.00014	0.7	<0.000005	0.08	0.0144	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0186	<0.00001	0.012	0.00087	0.00015	0.90	0.00256	0.00014	0.8	<0.000005	0.09	0.0135	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.0180	<0.00001	0.007	0.00103	0.00009	0.87	0.00259	0.00019	0.7	<0.000005	0.08	0.0133	11	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03	<0.000005	0.0005	<0.0005	0.00031	0.000026	<0.0002	0.0003	<0.0001	<0.002				1.96	2.00	-0.94
BR01-3	HC-03	<0.000005	0.0004	<0.0005	0.00024	0.000143	0.0002	0.0003	<0.0001	<0.002				1.65	1.75	-2.79
BR01-3	HC-03	<0.000005	0.0003	<0.0005	0.00037	0.000336	0.0004	0.0003	<0.0001	<0.002				1.32	1.32	0.04
BR01-3	HC-03	<0.000005	0.0003	0.0009	0.00027	0.000248	0.0004	0.0002	<0.0001	<0.002				0.99	1.02	-1.69
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00026	0.000257	0.0007	<0.0001	<0.0001	<0.002				0.88	0.92	-2.40
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00023	0.000219	0.0006	0.0005	<0.0001	<0.002				0.83	0.84	-0.36
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00017	0.000251	0.0004	0.0002	<0.0001	<0.002				0.84	0.81	2.06
BR01-3	HC-03	<0.000005	0.0001	<0.0005	0.00020	0.000273	0.0006	0.0002	<0.0001	<0.002				0.81	0.81	-0.06
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00019	0.000343	0.0007	0.0005	<0.0001	<0.002				0.82	0.87	-3.01
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00014	0.000308	0.0006	<0.0001	<0.0001	<0.002				0.80	0.80	-0.50
BR01-3	HC-03	<0.000005	0.0006	<0.0005	0.00016	0.000329	0.0007	0.0002	<0.0001	<0.002				0.82	0.83	-0.60
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00013	0.000294	0.0006	0.0003	<0.0001	<0.002				0.88	0.84	2.21
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00013	0.000307	0.0006	0.0002	<0.0001	0.008				0.83	0.81	1.21
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00016	0.000394	<0.0002	<0.0001	0.0017	<0.002				0.79	0.77	1.53
BR01-3	HC-03	<0.000005	0.0003	<0.0005	0.00013	0.000422	0.0006	0.0004	<0.0001	<0.002				0.80	0.80	0.50
BR01-3	HC-03	<0.000005	0.0013	<0.0005	0.00015	0.000380	0.0005	0.0007	<0.0001	<0.002				0.72	0.74	-1.43
BR01-3	HC-03	<0.000005	0.0003	<0.0005	0.00015	0.000432	0.0004	0.0003	<0.0001	<0.002				0.82	0.82	0.00
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00009	0.000431	0.0004	<0.0001	<0.0001	<0.002				0.84	0.82	1.33
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00007	0.000465	0.0003	<0.0001	<0.0001	<0.002				0.81	0.79	1.06
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00008	0.000462	0.0005	0.0003	<0.0001	<0.002				0.87	0.85	1.33
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00006	0.000492	0.0003	0.0008	<0.0001	<0.002				0.80	0.77	2.04
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00006	0.000415	0.0004	0.0001	<0.0001	<0.002				0.86	0.85	0.35
BR01-3	HC-03															
BR01-3	HC-03	0.000006	0.0002	<0.0005	0.00006	0.000456	0.0004	<0.0001	<0.0001	<0.002				0.85	0.87	-1.40
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0003	<0.0005	0.00006	0.000418	0.0005	0.0003	<0.0001	<0.002				0.82	0.89	-3.74
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0005	<0.0005	0.00005	0.000384	0.0003	<0.0001	<0.0001	<0.002				0.87	0.84	2.22
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0005	<0.0005	0.00004	0.000318	0.0003	0.0008	<0.0001	<0.002				0.82	0.77	3.01
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00005	0.000304	0.0003	<0.0001	<0.0001	<0.002				0.83	0.77	4.32
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00003	0.000277	0.0003	<0.0001	<0.0001	<0.002				0.87	0.83	2.41
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0003	<0.0005	0.00003	0.000274	0.0003	0.0001	<0.0001	<0.002				0.83	0.83	-0.12
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0004	<0.0005	0.00003	0.000309	<0.0002	0.0006	<0.0001	<0.002				1.00	0.91	4.78
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	0.00002	0.000387	<0.0002	0.0001	<0.0001	<0.002				1.02	1.03	-0.44
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00002	0.000297	<0.0002	0.0002	<0.0001	<0.002				0.98	1.09	-5.35
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00003	0.000345	<0.0002	0.0002	<0.0001	<0.002				1.08	1.04	1.70
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0003	<0.0005	0.00002	0.000308	<0.0002	0.0008	<0.0001	<0.002				1.04	0.95	4.82
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00002	0.000272	0.0002	0.0002	<0.0001	<0.002				1.06	1.06	-0.05
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00001	0.000273	<0.0002	0.0040	<0.0001	<0.002				1.11	1.06	2.45

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	51	17-Dec-13	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	52	24-Dec-13	500	470	7.51	113
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	53	31-Dec-13	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	54	07-Jan-14	500	475	7.61	107
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	55	14-Jan-14	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	56	21-Jan-14	500	470	7.55	95.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	57	28-Jan-14	500	450		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	58	04-Feb-14	500	465	7.45	110
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	59	11-Feb-14	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	60	18-Feb-14	500	460	7.58	125
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	61	25-Feb-14	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	62	04-Mar-14	500	465	7.50	117
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	63	11-Mar-14	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	64	18-Mar-14	500	465	7.51	115
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	65	25-Mar-14	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	66	01-Apr-14	500	475	7.59	139
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	67	08-Apr-14	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	68	15-Apr-14	500	460	7.55	138
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	69	22-Apr-14	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	70	29-Apr-14	500	465	7.58	154
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	71	06-May-14	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	72	13-May-14	500	475	7.51	145
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	73	20-May-14	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	74	27-May-14	500	480	7.58	147
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	75	03-Jun-14	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	76	10-Jun-14	500	455	7.44	134
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	77	17-Jun-14	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	78	24-Jun-14	500	480	7.56	135
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	79	01-Jul-14	500	455		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	80	08-Jul-14	500	470	7.55	158
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	81	15-Jul-14	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	82	22-Jul-14	500	470	7.57	147
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	83	29-Jul-14	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	84	05-Aug-14	500	460	7.52	150
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	85	12-Aug-14	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	86	19-Aug-14	500	465	7.58	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	87	26-Aug-14	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	88	02-Sep-14	500	455	7.58	162
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	89	09-Sep-14	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	90	16-Sep-14	500	465	7.61	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	91	23-Sep-14	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	92	30-Sep-14	500	460	7.55	152
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	93	07-Oct-14	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	94	14-Oct-14	500	485	7.59	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	95	21-Oct-14	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	96	28-Oct-14	500	490	7.59	133
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	97	04-Nov-14	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	98	11-Nov-14	500	470	7.59	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	99	18-Nov-14	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	100	25-Nov-14	500	490	7.63	139
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	101	02-Dec-14	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03	140	33.0	<0.5	0.9	20.7	<0.05	<0.01	<0.5					48.0	0.0691	0.00049	0.00131
BR01-3	HC-03																
BR01-3	HC-03	130	32.8	<0.5	<0.5	21.2	<0.05	<0.01	<0.5					47.1	0.0795	0.00047	0.00135
BR01-3	HC-03																
BR01-3	HC-03	135	26.3	<0.5	<0.5	15.3	<0.05	<0.01	<0.5					43.0	0.0458	0.00037	0.00084
BR01-3	HC-03																
BR01-3	HC-03	140	34.9	<0.5	2.2	17.1	<0.05	<0.01	<0.5					47.6	0.0472	0.00037	0.00080
BR01-3	HC-03																
BR01-3	HC-03	150	37.8	<0.5	<0.5	16.5	<0.05	<0.01	0.7					54.5	0.0529	0.00039	0.00088
BR01-3	HC-03																
BR01-3	HC-03	140	34.0	<0.5	<0.5	18.0	<0.05	<0.01	0.5					49.5	0.0440	0.00033	0.00077
BR01-3	HC-03																
BR01-3	HC-03	145	37.5	<0.5	<0.5	14.6	<0.05	<0.01	<0.5					47.5	0.0329	0.00027	0.00056
BR01-3	HC-03																
BR01-3	HC-03	140	42.4	<0.5	<0.5	16.8	<0.05	<0.01	0.5					61.6	0.0381	0.00030	0.00063
BR01-3	HC-03																
BR01-3	HC-03	145	44.3	<0.5	<0.5	17.2	<0.05	<0.01	<0.5					61.2	0.0358	0.00030	0.00062
BR01-3	HC-03																
BR01-3	HC-03	140	47.7	<0.5	<0.5	20.2	<0.05	<0.01	<0.5					70.0	0.0350	0.00029	0.00055
BR01-3	HC-03																
BR01-3	HC-03	130	40.9	<0.5	<0.5	22.2	<0.05	<0.01	<0.5					63.9	0.0356	0.00029	0.00051
BR01-3	HC-03																
BR01-3	HC-03	135	42.5	<0.5	<0.5	20.4	<0.05	<0.01	<0.5					65.3	0.0329	0.00027	0.00048
BR01-3	HC-03																
BR01-3	HC-03	140	36.4	<0.5	<0.5	16.8	<0.05	<0.01	<0.5					57.5	0.0321	0.00022	0.00029
BR01-3	HC-03																
BR01-3	HC-03	145	38.5	<0.5	1.0	17.6	<0.05	<0.01	<0.5					58.0	0.0336	0.00023	0.00037
BR01-3	HC-03																
BR01-3	HC-03	140	50.3	<0.5	<0.5	15.0	<0.05	<0.01	0.6					71.1	0.0277	0.00021	0.00047
BR01-3	HC-03																
BR01-3	HC-03	140	43.5	<0.5	<0.5	21.0	<0.05	<0.01	<0.5					66.1	0.0417	0.00022	0.00031
BR01-3	HC-03																
BR01-3	HC-03	150	45.5	<0.5	<0.5	21.4			<0.5					64.9	0.0257	0.00019	0.00025
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	140	50.8	<0.5	0.5	16.5			<0.5					70.9	0.0245	0.00019	0.00023
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	150	43.8	<0.5	1.4	20.5			0.8					66.1	0.0214	0.00016	0.00022
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	130	38.6	<0.5	<0.5	21.9			<0.5					62.8	0.0192	0.00017	0.00020
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	150	44.0	<0.5	<0.5	23.4			<0.5					62.8	0.0183	0.00016	0.00016
BR01-3	HC-03																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03															
BR01-3	HC-03	0.00137	<0.00001	<0.000005	<0.05	0.00010	0.000050	11.3	<0.0001	0.000125	0.00014	<0.00005	0.001	0.000166	0.0018	4.78
BR01-3	HC-03															
BR01-3	HC-03	0.00119	<0.00001	<0.000005	<0.05	0.00009	<0.000005	11.2	<0.0001	0.000141	0.00024	<0.00005	<0.001	0.000009	0.0020	4.65
BR01-3	HC-03															
BR01-3	HC-03	0.00112	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.2	<0.0001	0.000161	0.00008	<0.00005	<0.001	0.000063	0.0012	4.25
BR01-3	HC-03															
BR01-3	HC-03	0.00121	<0.00001	<0.000005	<0.05	0.00008	<0.000005	11.0	<0.0001	0.000149	0.00008	<0.00005	<0.001	<0.000005	0.0015	4.89
BR01-3	HC-03															
BR01-3	HC-03	0.00122	<0.00001	<0.000005	<0.05	0.00010	<0.000005	12.4	<0.0001	0.000131	0.00007	<0.00005	0.001	<0.000005	0.0016	5.74
BR01-3	HC-03															
BR01-3	HC-03	0.00121	<0.00001	<0.000005	<0.05	0.00008	<0.000005	11.6	<0.0001	0.000139	0.00005	<0.00005	<0.001	0.000010	0.0015	4.98
BR01-3	HC-03															
BR01-3	HC-03	0.00112	<0.00001	<0.000005	<0.05	0.00008	<0.000005	10.7	<0.0001	0.000144	0.00020	<0.00005	<0.001	0.000316	0.0012	5.03
BR01-3	HC-03															
BR01-3	HC-03	0.00146	<0.00001	<0.000005	<0.05	0.00010	<0.000005	14.2	<0.0001	0.000134	<0.00005	<0.00005	<0.001	0.000006	0.0017	6.32
BR01-3	HC-03															
BR01-3	HC-03	0.00156	<0.00001	<0.000005	<0.05	0.00009	<0.000005	14.0	<0.0001	0.000138	0.00008	<0.00005	0.001	0.000008	0.0016	6.40
BR01-3	HC-03															
BR01-3	HC-03	0.00171	<0.00001	<0.000005	<0.05	0.00011	<0.000005	16.4	<0.0001	0.000140	0.00025	<0.00005	0.002	0.000012	0.0020	7.08
BR01-3	HC-03															
BR01-3	HC-03	0.00153	<0.00001	<0.000005	<0.05	0.00010	<0.000005	13.8	<0.0001	0.000107	0.00020	<0.00005	<0.001	<0.000005	0.0017	7.17
BR01-3	HC-03															
BR01-3	HC-03	0.00184	<0.00001	<0.000005	<0.05	0.00010	<0.000005	14.6	<0.0001	0.000109	0.00006	<0.00005	0.002	0.000009	0.0016	7.02
BR01-3	HC-03															
BR01-3	HC-03	0.00148	<0.00001	<0.000005	<0.05	0.00011	<0.000005	12.9	<0.0001	0.000101	0.00007	<0.00005	<0.001	<0.000005	0.0015	6.11
BR01-3	HC-03															
BR01-3	HC-03	0.00151	<0.00001	<0.000005	<0.05	0.00008	<0.000005	12.8	<0.0001	0.000090	0.00014	<0.00005	0.006	0.000014	0.0015	6.30
BR01-3	HC-03															
BR01-3	HC-03	0.00210	<0.00001	<0.000005	<0.05	0.00010	<0.000005	16.0	<0.0001	0.000059	0.00011	<0.00005	0.003	0.000009	0.0017	7.57
BR01-3	HC-03															
BR01-3	HC-03	0.00166	<0.00001	<0.000005	<0.05	0.00010	<0.000005	14.8	<0.0001	0.000086	0.00008	<0.00005	0.004	0.000029	0.0018	7.11
BR01-3	HC-03															
BR01-3	HC-03	0.00205	<0.00001	<0.000005	<0.05	0.00008	0.000005	14.6	<0.0001	0.000061	0.00011	<0.00005	<0.001	0.000544	0.0017	6.89
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00170	<0.00001	<0.000005	<0.05	0.00008	<0.000005	15.4	0.0001	0.000070	0.00025	<0.00005	0.003	0.000192	0.0019	7.89
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00178	<0.00001	<0.000005	<0.05	0.00007	<0.000005	14.8	<0.0001	0.000066	0.00006	<0.00005	<0.001	0.000207	0.0016	7.10
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00178	<0.00001	<0.000005	<0.05	0.00008	0.000033	13.8	<0.0001	0.000070	0.00007	<0.00005	0.001	0.00442	0.0017	6.86
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00205	<0.00001	<0.000005	<0.05	0.00007	0.000029	13.9	<0.0001	0.000070	0.00006	<0.00005	0.001	0.0111	0.0017	6.83
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.0165	<0.00001	0.022	0.00084	0.00023	0.80	0.00242	0.00013	0.7	<0.000005	0.09	0.0121	10	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03	0.0163	<0.00001	0.009	0.00095	0.00027	0.78	0.00231	0.00015	0.7	<0.000005	0.07	0.0108	10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0150	<0.00001	0.025	0.00081	0.00018	0.65	0.00190	0.00014	0.5	0.000007	0.08	0.00924	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0140	<0.00001	0.004	0.00102	0.00010	0.66	0.00205	0.00015	0.5	<0.000005	0.07	0.00960	10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.0132	<0.00001	0.008	0.00126	0.00019	0.72	0.00228	0.00014	0.6	<0.000005	0.07	0.0108	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.0116	<0.00001	0.006	0.00119	0.00017	0.65	0.00202	0.00012	0.6	<0.000005	0.06	0.00977	12	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03	0.0097	<0.00001	0.010	0.00110	0.00028	0.55	0.00184	0.00016	0.4	<0.000005	0.06	0.00856	10	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03	0.0110	<0.00001	0.004	0.00147	0.00010	0.71	0.00235	0.00017	0.6	<0.000005	0.07	0.0101	14	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.0107	<0.00001	0.003	0.00136	0.00021	0.69	0.00222	0.00018	0.6	<0.000005	0.07	0.00970	15	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03	0.0101	<0.00001	0.002	0.00157	0.00015	0.73	0.00238	0.00016	0.6	<0.000005	0.07	0.0110	17	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.00806	<0.00001	0.009	0.00164	0.00052	0.75	0.00233	0.00014	0.6	<0.000005	0.07	0.00959	17	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.00811	<0.00001	0.003	0.00147	0.00022	0.69	0.00239	0.00017	0.5	<0.000005	0.07	0.00861	15	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03	0.00658	<0.00001	<0.002	0.00142	0.00007	0.66	0.00233	0.00009	0.5	<0.000005	0.05	0.00762	14	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.00602	<0.00001	0.006	0.00143	0.00027	0.64	0.00211	0.00013	0.5	<0.000005	0.06	0.00707	13	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03	0.00511	<0.00001	0.007	0.00130	0.00013	0.77	0.00252	0.00017	0.6	<0.000005	0.07	0.00852	18	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00436	<0.00001	<0.002	0.00127	0.00031	0.66	0.00229	0.00017	0.6	<0.000005	<0.05	0.00727	16	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00323	<0.00001	<0.002	0.00146	0.00008	0.64	0.00224	0.00019	0.5	<0.000005	0.05	0.00716	14	<0.00002	0.000009
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00393	<0.00001	0.002	0.00138	0.00019	0.66	0.00224	0.00020	0.5	<0.000005	0.05	0.00691	17	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00342	<0.00001	<0.002	0.00127	0.00010	0.60	0.00209	0.00017	0.4	<0.000005	<0.05	0.00604	16	<0.00002	0.000008
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00333	<0.00001	<0.002	0.00119	0.00010	0.59	0.00207	0.00014	0.5	<0.000005	<0.05	0.00549	13	<0.00002	0.000019
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00399	<0.00001	<0.002	0.00121	0.00045	0.54	0.00213	0.00015	0.4	<0.000005	<0.05	0.00547	13	<0.00002	0.000025
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00002	0.000203	<0.0002	0.0040	<0.0001	<0.002				1.10	0.99	5.21
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00002	0.000189	<0.0002	<0.0001	<0.0001	<0.002				1.11	0.97	6.30
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00001	0.000150	<0.0002	0.0003	<0.0001	<0.002				0.85	0.89	-1.84
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	0.00001	0.000159	<0.0002	0.0002	<0.0001	<0.002				1.07	0.98	4.50
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	<0.00001	0.000177	<0.0002	<0.0001	<0.0001	<0.002				1.14	1.12	0.93
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000156	<0.0002	0.0004	<0.0001	<0.002				1.08	1.02	3.20
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000130	<0.0002	0.0009	<0.0001	<0.002				1.07	0.97	5.09
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	0.00002	0.000167	<0.0002	0.0001	<0.0001	<0.002				1.23	1.26	-0.96
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000155	<0.0002	<0.0001	<0.0001	<0.002				1.27	1.25	0.76
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	<0.00001	0.000177	<0.0002	<0.0001	<0.0001	<0.002				1.40	1.43	-1.03
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	0.00001	0.000137	<0.0002	<0.0001	<0.0001	<0.002				1.30	1.30	-0.31
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000136	<0.0002	0.0002	<0.0001	<0.002				1.29	1.33	-1.37
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000104	<0.0002	<0.0001	<0.0001	<0.002				1.10	1.17	-3.35
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000092	<0.0002	0.0003	<0.0001	<0.002				1.16	1.18	-1.15
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	<0.00001	0.000115	<0.0002	<0.0001	<0.0001	<0.002				1.37	1.45	-2.84
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000105	<0.0002	<0.0001	<0.0001	<0.002				1.33	1.35	-0.710
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000077	<0.0002	0.0006	<0.0001	<0.002				1.38	1.32	2.15
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000087	<0.0002	0.0010	<0.0001	0.004				1.39	1.44	-1.80
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000074	<0.0002	0.0004	<0.0001	<0.002				1.34	1.34	0.190
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	0.0002	<0.0005	<0.00001	0.000062	<0.0002	0.0026	<0.0001	<0.002				1.24	1.27	-1.20
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000064	<0.0002	0.0023	<0.0001	<0.002				1.38	1.27	4.15
BR01-3	HC-03															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	102	09-Dec-14	500	460	7.60	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	103	16-Dec-14	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	104	23-Dec-14	500	465	7.58	127
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	105	30-Dec-14	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	106	06-Jan-15	500	460	7.60	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	107	13-Jan-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	108	20-Jan-15	500	475	7.51	143
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	109	27-Jan-15	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	110	03-Feb-15	500	475	7.49	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	111	10-Feb-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	112	17-Feb-15	500	465	7.66	155
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	113	24-Feb-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	114	03-Mar-15	500	470	7.59	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	115	10-Mar-15	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	116	17-Mar-15	500	480	7.57	144
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	117	24-Mar-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	118	31-Mar-15	500	480	7.56	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	119	07-Apr-15	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	120	14-Apr-15	500	470	7.61	157
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	121	21-Apr-15	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	122	28-Apr-15	500	470	7.66	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	123	05-May-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	124	12-May-15	500	470	7.61	157
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	125	19-May-15	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	126	26-May-15	500	470	7.62	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	127	02-Jun-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	128	09-Jun-15	500	470	7.80	161
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	129	16-Jun-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	130	23-Jun-15	500	470	7.61	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	131	30-Jun-15	500	450		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	132	07-Jul-15	500	465	7.62	140
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	133	13-Jul-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	134	21-Jul-15	500	465	7.65	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	135	28-Jul-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	136	04-Aug-15	500	470	7.63	137
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	137	11-Aug-15	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	138	18-Aug-15	500	460	7.62	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	139	25-Aug-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	140	01-Sep-15	500	480	7.59	125
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	141	08-Sep-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	142	16-Sep-15	500	470	7.58	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	143	22-Sep-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	144	29-Sep-15	500	480	7.51	136
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	145	06-Oct-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	146	13-Oct-15	500	485	7.53	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	147	20-Oct-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	148	27-Oct-15	500	485	7.36	148
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	149	03-Nov-15	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	150	10-Nov-15	500	475	7.52	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	151	17-Nov-15	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	152	24-Nov-15	500	465	7.53	137

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	150	37.0	<0.5	0.9	16.8			<0.5					59.0	0.0188	0.00014	0.00016
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	150	43.7	<0.5	<0.5	17.9			<0.5					62.4	0.0182	0.00012	0.00015
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	155	45.0	<0.5	<0.5	24.6			<0.5					69.3	0.0168	0.00013	0.00014
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	145	40.7	<0.5	<0.5	17.3			<0.5					62.6	0.0171	0.00013	0.00013
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	155	46.6	<0.5	1.1	21.0			<0.5					67.3	0.0153	0.00010	0.00017
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	120	46.6	<0.5	<0.5	21.1			<0.5					70.5	0.0136	0.00010	0.00011
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	130	43.7	<0.5	<0.5	17.6			<0.5					69.7	0.0168	0.00011	0.00014
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	130	43.8	<0.5	<0.5	15.7			<0.5					65.7	0.0120	0.00007	0.00008
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	120	39.1	<0.5	<0.5	22.0			<0.5					64.1	0.0124	0.00010	0.00011
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	110	36.7	<0.5	<0.5	20.5			<0.5					59.3	0.0118	0.00008	0.00012
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	120	39.5	<0.5	<0.5	17.8			<0.5					61.0	0.0112	0.00007	0.00011
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	120	45.2	<0.5	<0.5	21.2			0.7					66.5	0.0104	0.00008	0.00012
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	110	43.1	<0.5	<0.5	17.7			<0.5					61.3	0.0098	0.00009	0.00013

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00129	<0.00001	<0.000005	<0.05	0.00007	<0.000005	13.1	<0.0001	0.000059	0.00053	<0.00005	0.003	0.000011	0.0019	6.39
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00141	<0.00001	<0.000005	<0.05	0.00008	<0.000005	13.5	<0.0001	0.000060	0.00008	<0.00005	0.010	0.000061	0.0019	6.97
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00195	<0.00001	<0.000005	<0.05	0.00008	<0.000005	15.3	<0.0001	0.000056	0.00011	<0.00005	0.003	0.000009	0.0017	7.57
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00137	<0.00001	<0.000005	<0.05	0.00008	<0.000005	14.0	<0.0001	0.000054	0.00019	<0.00005	<0.001	0.000006	0.0023	6.72
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00145	<0.00001	<0.000005	<0.05	0.00008	<0.000005	14.3	<0.0001	0.000066	<0.00005	<0.00005	<0.001	0.000007	0.0016	7.64
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00143	<0.00001	<0.000005	<0.05	0.00007	0.000007	15.5	<0.0001	0.000065	0.00017	<0.00005	0.001	0.000023	0.0017	7.71
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00147	<0.00001	<0.000005	<0.05	0.00007	<0.000005	16.4	<0.0001	0.000054	0.00009	<0.00005	0.003	0.000011	0.0011	6.98
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00137	<0.00001	<0.000005	<0.05	0.00006	<0.000005	14.0	<0.0001	0.000061	0.00007	<0.00005	<0.001	<0.000005	0.0016	7.44
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00150	<0.00001	<0.000005	<0.05	0.00007	<0.000005	13.8	<0.0001	0.000054	0.00008	<0.00005	0.002	0.000008	0.0014	7.17
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00130	<0.00001	<0.000005	<0.05	0.00006	0.000021	13.0	<0.0001	0.000064	0.00009	<0.00005	0.002	0.000032	0.0018	6.54
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00219	<0.00001	<0.000005	<0.05	0.00006	0.000071	12.7	0.0003	0.000054	0.00027	<0.00005	0.006	0.00199	0.0014	7.11
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00241	<0.00001	<0.000005	<0.05	0.00008	0.000147	14.1	<0.0001	0.000062	0.00014	<0.00005	<0.001	0.00115	0.0025	7.63
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00187	<0.00001	<0.000005	<0.05	0.00007	0.00414	13.0	<0.0001	0.000051	0.00018	<0.00005	0.002	0.00906	0.0024	7.02

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00280	<0.00001	0.008	0.00115	0.00016	0.56	0.00202	0.00013	0.4	<0.000005	0.05	0.00462	13	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00304	<0.00001	0.007	0.00096	0.00018	0.57	0.00202	0.00014	0.4	<0.000005	0.05	0.00469	14	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00246	<0.00001	0.004	0.00136	0.00020	0.68	0.00239	0.00014	0.5	<0.000005	0.05	0.00547	14	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00236	<0.00001	0.005	0.00117	0.00022	0.63	0.00214	0.00013	0.6	<0.000005	0.05	0.00463	13	<0.00002	0.000007
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00224	<0.00001	0.002	0.00105	0.00020	0.63	0.00220	0.00017	0.5	<0.000005	0.05	0.00494	15	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00269	<0.00001	<0.002	0.00094	0.00017	0.59	0.00214	0.00019	0.5	<0.000005	<0.05	0.00447	15	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00227	<0.00001	<0.002	0.00109	0.00016	0.54	0.00204	0.00018	0.4	<0.000005	<0.05	0.00417	13	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00221	<0.00001	0.006	0.00077	0.00016	0.49	0.00180	0.00019	0.4	<0.000005	<0.05	0.00408	16	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00229	<0.00001	0.003	0.00106	0.00025	0.54	0.00216	0.00016	0.5	<0.000005	<0.05	0.00410	13	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00467	<0.00001	0.010	0.00087	0.00021	0.51	0.00198	0.00014	0.4	<0.000005	0.06	0.00413	13	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00319	<0.00001	0.006	0.00087	0.00030	0.57	0.00190	0.00014	0.4	<0.000005	<0.05	0.00362	14	<0.00002	0.000011
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00324	<0.00001	0.002	0.00083	0.00023	0.60	0.00216	0.00018	0.4	<0.000005	0.06	0.00401	15	<0.00002	0.000020
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00284	<0.00001	0.004	0.00079	0.00015	0.55	0.00193	0.00016	0.4	<0.000005	<0.05	0.00349	13	<0.00002	0.000117

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000074	<0.0002	0.0003	<0.0001	<0.002				1.11	1.20	-3.99
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000060	<0.0002	0.0003	<0.0001	<0.002				1.27	1.27	0.0800
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000059	<0.0002	0.0005	<0.0001	<0.002				1.43	1.41	0.810
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000056	<0.0002	0.0004	<0.0001	<0.002				1.19	1.27	-3.12
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000060	0.0003	0.0003	<0.0001	<0.002				1.39	1.37	0.980
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000055	0.0002	0.0005	<0.0001	<0.002				1.39	1.43	-1.21
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000052	<0.0002	0.0003	<0.0001	<0.002				1.26	1.41	-5.50
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000045	<0.0002	0.0002	<0.0001	<0.002				1.23	1.33	-3.96
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0005	<0.0001	<0.002				1.26	1.30	-1.57
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000029	0.0004	0.0016	<0.0001	<0.002				1.17	1.20	-1.18
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000033	0.0004	0.0031	<0.0001	<0.002				1.18	1.24	-2.32
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000044	<0.0002	0.0061	<0.0001	<0.002				1.39	1.35	1.42
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000036	<0.0002	0.0135	<0.0001	<0.002				1.25	1.24	0.40

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	153	01-Dec-15	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	154	08-Dec-15	500	465	7.57	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	155	15-Dec-15	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	156	22-Dec-15	500	470	7.47	127
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	157	29-Dec-15	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	158	05-Jan-16	500	480	7.43	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	159	12-Jan-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	160	19-Jan-16	500	475	7.48	120
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	161	26-Jan-16	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	162	02-Feb-16	500	475	7.59	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	163	09-Feb-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	164	16-Feb-16	500	470	7.49	126
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	165	23-Feb-16	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	166	01-Mar-16	500	470	7.36	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	167	08-Mar-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	168	15-Mar-16	500	480	7.43	103
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	169	22-Mar-16	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	170	29-Mar-16	500	465	7.38	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	171	05-Apr-16	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	172	12-Apr-16	500	480	7.46	103
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	173	19-Apr-16	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	174	26-Apr-16	500	485	7.47	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	175	03-May-16	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	176	10-May-16	500	470	7.25	120
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	177	17-May-16	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	178	24-May-16	500	475	7.27	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	179	31-May-16	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	180	07-Jun-16	500	485	7.46	110
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	181	14-Jun-16	500	455		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	182	21-Jun-16	500	460	7.48	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	183	28-Jun-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	184	05-Jul-16	500	470	7.64	121
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	185	12-Jul-16	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	186	19-Jul-16	500	485	7.57	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	187	26-Jul-16	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	188	02-Aug-16	500	475	7.37	110
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	189	09-Aug-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	190	16-Aug-16	500	485	7.28	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	191	23-Aug-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	192	30-Aug-16	500	450	7.38	116
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	193	06-Sep-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	194	13-Sep-16	500	470	7.38	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	195	20-Sep-16	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	196	27-Sep-16	500	470	7.33	108
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	197	04-Oct-16	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	198	11-Oct-16	500	465	7.42	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	199	18-Oct-16	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	200	25-Oct-16	500	470	7.46	112
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	201	01-Nov-16	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	202	08-Nov-16	500	465	7.44	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	203	15-Nov-16	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	115	33.5	<0.5	<0.5	16.3			<0.5					54.7	0.0085	0.00007	0.00008
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	110	33.3	<0.5	<0.5	15.6			0.5					53.8	0.0066	0.00004	0.00006
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	120	34.6	<0.5	<0.5	15.1			<0.5					50.7	0.0067	0.00005	0.00005
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	130	29.9	<0.5	<0.5	13.3			0.6					43.8	0.0054	0.00004	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	150	28.6	<0.5	<0.5	14.4			<0.5					46.5	0.0051	0.00006	0.00004
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	170	36.3	<0.5	<0.5	13.8			0.5					55.0	0.0065	0.00004	0.00005
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	155	31.9	<0.5	<0.5	15.1			<0.5					46.7	0.0065	0.00004	0.00009
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	165	35.6	<0.5	<0.5	13.1			<0.5					52.9	0.0052	0.00004	0.00004
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	160	34.4	<0.5	<0.5	12.7			<0.5					47.9	0.0043	0.00003	0.00005
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	155	45.0	<0.5	<0.5	9.3			1.0					50.3	0.0028	0.00004	0.00004
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	165	37.7	<0.5	<0.5	9.3			0.6					46.4	0.0035	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	185	33.5	<0.5	<0.5	10.6			0.7					47.1	0.0095	0.00003	0.00007
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00126	<0.00001	<0.000005	<0.05	0.00007	0.000064	11.9	<0.0001	0.000042	0.00006	<0.00005	<0.001	0.000918	0.0008	6.08
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00111	<0.00001	<0.000005	<0.05	<0.00005	0.000014	11.4	<0.0001	0.000046	<0.00005	<0.00005	<0.001	0.000037	0.0011	6.16
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00137	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.7	<0.0001	0.000052	0.00006	<0.00005	<0.001	0.00002	0.0018	5.84
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00093	<0.00001	<0.000005	<0.05	<0.00005	0.000008	9.10	<0.0001	0.000042	0.00007	<0.00005	<0.001	0.000005	0.0010	5.11
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00164	<0.00001	<0.000005	<0.05	<0.00005	0.000041	10.1	<0.0001	0.000057	0.00021	<0.00005	0.015	0.00233	0.0013	5.19
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00135	<0.00001	<0.000005	<0.05	0.00006	<0.000005	12.0	<0.0001	0.000065	0.00007	<0.00005	0.002	<0.000005	0.0014	6.08
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00103	<0.00001	<0.000005	<0.05	0.00006	<0.000005	10.3	<0.0001	0.000054	<0.00005	<0.00005	0.004	<0.000005	0.0012	5.11
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00114	<0.00001	0.000005	<0.05	<0.00005	0.000016	11.2	<0.0001	0.000058	0.00006	<0.00005	<0.001	0.000007	0.0013	6.04
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00108	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.2	<0.0001	0.000043	0.00037	<0.00005	<0.001	0.000010	0.0013	5.47
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00171	<0.00001	<0.000005	<0.05	0.00007	0.000038	10.6	<0.0001	0.000087	0.00011	<0.00005	0.012	0.001530	0.0010	5.81
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00107	<0.00001	<0.000005	<0.05	0.00006	<0.000005	9.70	<0.0001	0.000080	<0.00005	<0.00005	0.003	<0.000005	0.0013	5.40
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00104	<0.00001	<0.000005	<0.05	0.00009	0.000010	9.9	<0.0001	0.000086	0.00031	<0.00005	0.011	0.000007	0.0014	5.47
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00242	<0.00001	0.003	0.00068	0.00013	0.45	0.00165	0.00014	0.4	<0.000005	<0.05	0.00321	13	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00298	<0.00001	0.006	0.00051	0.00014	0.41	0.00149	0.00013	0.3	<0.000005	<0.05	0.00310	11	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00344	<0.00001	<0.002	0.00052	0.00017	0.42	0.00156	0.00013	0.3	<0.000005	<0.05	0.00302	13	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00272	<0.00001	0.003	0.00036	0.00020	0.33	0.00131	0.00013	0.2	<0.000005	<0.05	0.00260	11	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00338	<0.00001	<0.002	0.00039	0.00024	0.37	0.00134	0.00012	0.3	<0.000005	<0.05	0.00261	10	<0.00002	0.000009
BR01-3	HC-03															
BR01-3	HC-03	0.00507	<0.00001	0.002	0.00038	0.00017	0.40	0.00166	0.00012	0.3	<0.000005	<0.05	0.00317	12	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00408	<0.00001	0.003	0.00034	0.00021	0.34	0.00138	0.00012	0.3	<0.000005	<0.05	0.00301	10	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00323	<0.00001	<0.002	0.00033	0.00017	0.37	0.00173	0.00013	0.2	<0.000005	<0.05	0.00275	12	0.00003	0.000004
BR01-3	HC-03															
BR01-3	HC-03	0.00213	<0.00001	0.005	0.00026	0.00018	0.30	0.00135	0.00015	0.3	<0.000005	<0.05	0.00261	11	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.00322	<0.00001	0.005	0.00019	0.00034	0.34	0.00176	0.00019	0.2	<0.000005	<0.05	0.00275	13	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03	0.00419	<0.00001	<0.002	0.00019	0.00021	0.29	0.00146	0.00010	0.2	<0.000005	<0.05	0.00247	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03	0.00452	<0.00001	<0.002	0.00025	0.00027	0.29	0.00173	0.00014	0.3	<0.000005	<0.05	0.00249	11	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0011	<0.0001	<0.002				1.02	1.11	-3.90
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000025	<0.0002	0.0004	<0.0001	<0.002				1.02	1.09	-3.18
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000023	<0.0002	0.0003	<0.0001	<0.002				1.02	1.02	-0.05
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000016	<0.0002	0.0005	<0.0001	<0.002				0.91	0.88	1.23
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	0.0002	0.0129	<0.0001	0.002				0.88	0.94	-3.12
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0011	<0.0001	<0.002				1.05	1.11	-3.06
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0003	<0.0001	<0.002				0.97	0.94	1.20
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0014	<0.0001	<0.002				0.95	0.92	1.50
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000014	<0.0002	0.0008	<0.0001	<0.002				0.97	0.97	0.21
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000011	<0.0002	0.0079	<0.0001	<0.002				1.15	1.02	6.27
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000011	<0.0002	0.0006	<0.0001	<0.002				0.987	0.936	2.65
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0039	<0.0001	0.003				0.93	0.95	-1.17
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	204	22-Nov-16	500	465	7.45	105
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	205	29-Nov-16	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	206	06-Dec-16	500	485	7.38	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	207	13-Dec-16	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	208	20-Dec-16	500	460	7.21	105
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	209	27-Dec-16	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	210	03-Jan-17	500	475	7.33	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	211	10-Jan-17	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	212	17-Jan-17	500	465	7.37	103
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	213	24-Jan-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	214	31-Jan-17	500	490	7.34	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	215	07-Feb-17	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	216	14-Feb-17	500	465	7.37	103
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	217	21-Feb-17	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	218	28-Feb-17	500	470	7.37	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	219	07-Mar-17	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	220	14-Mar-17	500	475	7.58	149
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	221	21-Mar-17	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	222	28-Mar-17	500	475	7.44	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	223	04-Apr-17	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	224	11-Apr-17	500	490	7.37	121
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	225	18-Apr-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	226	25-Apr-17	500	490	7.43	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	227	02-May-17	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	228	09-May-17	500	485	7.23	100
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	229	16-May-17	500	495		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	230	23-May-17	500	480	7.33	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	231	30-May-17	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	232	06-Jun-17	500	490	7.26	86
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	233	13-Jun-17	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	234	20-Jun-17	500	500	7.32	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	235	27-Jun-17	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	236	04-Jul-17	500	485	7.32	103
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	237	11-Jul-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	238	18-Jul-17	500	475	7.42	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	239	25-Jul-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	240	01-Aug-17	500	475	7.45	120
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	241	08-Aug-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	242	15-Aug-17	500	485	7.35	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	243	22-Aug-17	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	244	29-Aug-17	500	485	7.70	105
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	245	05-Sep-17	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	246	12-Sep-17	500	475	7.39	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	247	19-Sep-17	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	248	26-Sep-17	500	480	7.34	115
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	249	03-Oct-17	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	250	10-Oct-17	500	485	7.35	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	251	17-Oct-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	252	24-Oct-17	500	480	7.31	91
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	253	31-Oct-17	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	254	07-Nov-17	500	480	7.44	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03	195	32.3	<0.5	<0.5	10.2			0.5					45.1	0.0032	0.00003	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	195	35.9	<0.5	<0.5	9.5			<0.5					49.5	0.0041	0.00002	0.00004
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	220	31.5	<0.5	<0.5	10.7			0.9					45.6	0.0029	0.00003	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	230	31.9	<0.5	<0.5	9.6			1.1					42.7	0.0032	0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	240	48.7	<0.5	<0.5	14.2			0.6					68.5	0.0169	0.00005	0.00005
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	200	36.1	<0.5	<0.5	13.5			<0.5					52.5	0.0033	0.00004	0.00022
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	200	29.3	<0.5	<0.5	10.7			0.7					43.9	0.0046	0.00002	0.00010
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	215	28.1	<0.5	<0.5	8.1			<0.5					36.5	0.0023	0.00002	0.00006
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	220	33.1	<0.5	<0.5	10.5			<0.5					42.8	0.0028	0.00003	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	220	37.8	<0.5	<0.5	11.4			0.9					52.3	0.0044	0.00003	0.00018
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	230	31.7	<0.5	<0.5	9.5			0.8					41.3	0.0375	0.00003	0.00006
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	240	36.3	<0.5	<0.5	10.0			0.6					50.0	0.0029	0.00002	0.00007
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	250	28.8	<0.5	<0.5	9.9			<0.5					39.9	0.0024	<0.00002	0.00006
BR01-3	HC-03																
BR01-3	HC-03																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03	0.00114	<0.00001	<0.000005	<0.05	0.00010	0.000009	9.72	<0.0001	0.000065	0.00008	<0.00005	0.004	0.000005	0.0011	5.07
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00109	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.4	<0.0001	0.000076	0.00012	<0.00005	<0.001	<0.000005	0.0012	5.72
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00103	<0.00001	<0.000005	<0.05	0.00006	<0.000005	9.74	<0.0001	0.000078	0.00007	<0.00005	<0.001	<0.000005	0.0014	5.18
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00093	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.87	<0.0001	0.000064	0.00005	<0.00005	0.003	0.000027	0.0012	4.98
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00171	<0.00001	<0.000005	<0.05	0.00007	0.000076	14.5	<0.0001	0.000092	0.00012	<0.00005	0.064	0.00149	0.0026	7.82
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00111	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.4	<0.0001	0.000064	<0.00005	<0.00005	<0.001	<0.000005	0.0021	5.83
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00103	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.64	<0.0001	0.000069	<0.00005	<0.00005	0.003	<0.000005	0.0014	4.80
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00106	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.73	<0.0001	0.000155	<0.00005	<0.00005	<0.001	0.000008	0.0010	4.18
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00106	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.21	<0.0001	0.000131	0.00016	<0.00005	0.001	<0.000005	0.0014	4.81
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00140	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.1	<0.0001	0.000326	<0.00005	<0.00005	<0.001	<0.000005	0.0020	5.99
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00110	<0.00001	<0.000005	<0.05	<0.00005	0.000023	8.56	0.0001	0.000212	0.00012	<0.00005	0.104	0.000075	0.0016	4.84
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00116	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.5	<0.0001	0.000305	0.00007	<0.00005	<0.001	<0.000005	0.0020	5.78
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00107	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.42	<0.0001	0.000584	<0.00005	0.00005	<0.001	0.000006	0.0015	4.58
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03	0.00399	<0.00001	<0.002	0.00022	0.00023	0.33	0.00198	0.00012	0.2	<0.000005	<0.05	0.00252	10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00397	<0.00001	0.002	0.00019	0.00026	0.27	0.00145	0.00016	0.2	<0.000005	<0.05	0.00251	13	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00340	<0.00001	0.002	0.00019	0.00034	0.26	0.00122	0.00012	0.2	<0.000005	<0.05	0.00241	12	0.00005	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00330	<0.00001	0.004	0.00016	0.00020	0.22	0.00084	0.00016	0.2	<0.000005	<0.05	0.00223	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00448	<0.00001	0.003	0.00028	0.00024	0.42	0.00174	0.00019	0.5	<0.000005	<0.05	0.00370	16	<0.00002	0.000052
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00463	<0.00001	<0.002	0.00023	0.00018	0.33	0.00143	0.00019	0.4	<0.000005	<0.05	0.00284	12	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00586	<0.00001	<0.002	0.00019	0.00017	0.28	0.00114	0.00016	0.3	<0.000005	<0.05	0.00229	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00992	<0.00001	<0.002	0.00012	0.00032	0.23	0.00085	0.00011	0.2	<0.000005	<0.05	0.00195	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00614	<0.00001	0.007	0.00014	0.00027	0.27	0.00106	0.00010	0.3	<0.000005	<0.05	0.00217	10	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0160	<0.00001	0.006	0.00017	0.00073	0.33	0.00139	0.00017	0.3	<0.000005	<0.05	0.00303	14	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00971	<0.00001	0.007	0.00015	0.00056	0.27	0.00105	0.00013	0.3	<0.000005	<0.05	0.00234	10	<0.00002	0.000030
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0126	<0.00001	0.003	0.00014	0.00081	0.33	0.00134	0.00018	0.3	<0.000005	<0.05	0.00249	13	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0220	<0.00001	0.002	0.00011	0.00098	0.24	0.00105	0.00013	0.3	<0.000005	<0.05	0.00206	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0016	<0.0001	<0.002				0.891	0.911	-1.11
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0005	<0.0001	<0.002				0.94	1.00	-3.05
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0004	<0.0001	<0.002				0.89	0.92	-1.38
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0004	<0.0001	<0.002				0.89	0.86	1.60
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0152	<0.0001	<0.002				1.32	1.39	-2.55
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000009	<0.0002	0.0003	<0.0001	<0.002				1.02	1.06	-1.78
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000008	<0.0002	0.0010	<0.0001	<0.002				0.85	0.88	-2.26
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0007	<0.0001	<0.002				0.75	0.74	0.74
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0002	<0.0001	<0.002				0.90	0.86	2.10
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000009	<0.0002	0.0013	<0.0001	<0.002				1.04	1.06	-0.76
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0040	<0.0001	<0.002				0.87	0.84	1.81
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0003	<0.0001	<0.002				0.97	1.01	-1.72
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0018	<0.0001	<0.002				0.80	0.80	-0.31
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	255	14-Nov-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	256	21-Nov-17	500	475	7.21	104
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	257	28-Nov-17	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	258	05-Dec-17	500	475	7.28	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	259	12-Dec-17	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	260	19-Dec-17	500	485	7.40	95
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	261	26-Dec-17	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	262	02-Jan-18	500	480	7.42	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	263	09-Jan-18	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	264	16-Jan-18	500	465	7.12	85
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	265	23-Jan-18	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	266	30-Jan-18	500	470	7.31	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	267	06-Feb-18	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	268	13-Feb-18	500	480	7.32	91
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	269	20-Feb-18	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	270	27-Feb-18	500	475	7.28	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	271	06-Mar-18	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	272	13-Mar-18	500	485	7.35	116
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	273	20-Mar-18	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	274	27-Mar-18	500	490	7.40	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	275	03-Apr-18	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	276	10-Apr-18	500	490	7.30	97
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	277	17-Apr-18	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	278	24-Apr-18	500	485	7.21	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	279	01-May-18	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	280	08-May-18	500	485	7.41	125
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	281	15-May-18	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	282	22-May-18	500	495	7.21	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	283	29-May-18	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	284	05-Jun-18	500	490	7.42	99
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	285	12-Jun-18	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	286	19-Jun-18	500	495	7.30	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	287	26-Jun-18	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	288	03-Jul-18	500	490	7.34	99.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	289	10-Jul-18	500	495		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	290	17-Jul-18	500	495	7.12	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	291	24-Jul-18	500	495		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	292	31-Jul-18	500	495	7.40	98.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	293	07-Aug-18	500	500		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	294	14-Aug-18	500	490	7.20	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	295	21-Aug-18	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	296	28-Aug-18	500	465	7.31	109.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	297	04-Sep-18	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	298	11-Sep-18	500	475	7.26	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	299	18-Sep-18	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	300	25-Sep-18	500	480	7.24	107
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	301	02-Oct-18	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	302	09-Oct-18	500	475	7.08	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	303	16-Oct-18	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	304	23-Oct-18	500	490	7.10	113
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	305	30-Oct-18	500	465		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03	250	34.4	<0.5	<0.5	9.4			<0.5					44.8	0.0025	0.00003	0.00005
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	260	30.5	<0.5	<0.5	8.4			<0.5					41.2	0.0025	0.00003	0.00005
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	265	27.7	<0.5	<0.5	8.7			<0.5					33.3	0.0018	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	270	31.6	<0.5	<0.5	8.0			<0.5					39.9	0.0028	0.00004	0.00004
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	275	41.4	<0.5	0.9	10.3			<0.5					51.1	0.0025	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	34.4	<0.5	<0.5	9.3			<0.5					43.3	0.0035	<0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	46.6	<0.5	<0.5	11.9			0.6					55.5	0.0019	0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	30.3	<0.5	<0.5	8.7			<0.5					42.7	0.0020	<0.00002	0.00017
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	275	37.9	<0.5	0.6	8.8			<0.5					43.9	0.0021	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	34.7	<0.5	<0.5	8.8			<0.5					43.6	0.0032	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	36.4	<0.5	<0.5	9.6			0.6					51.1	0.0017	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	275	32.3	<0.5	0.8	7.9			<0.5					44.1	0.0009	0.00003	0.00004
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	270	37.3	<0.5	<0.5	6.0			0.5					46.6	0.0104	0.00006	0.00031
BR01-3	HC-03																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03															
BR01-3	HC-03	0.00118	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.31	<0.0001	0.000452	<0.00005	<0.00005	<0.001	<0.000005	0.0018	5.22
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00105	<0.00001	<0.000005	<0.05	<0.00005	0.000047	8.71	<0.0001	0.000378	0.00010	<0.00005	0.027	0.000071	0.0017	4.71
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00085	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.93	<0.0001	0.000154	0.00010	<0.00005	0.004	<0.000005	0.0012	3.89
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00115	<0.00001	<0.000005	<0.05	0.00005	0.000057	8.26	<0.0001	0.000500	0.00017	0.00009	0.040	0.000084	0.0017	4.68
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00130	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.5	<0.0001	0.000515	0.00010	0.00010	<0.001	0.000006	0.0025	6.01
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00121	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.02	<0.0001	0.000369	0.00007	0.00008	0.005	<0.000005	0.0019	5.04
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00168	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.9	<0.0001	0.000429	0.00008	0.00008	<0.001	0.000021	0.0026	6.26
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00145	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.17	<0.0001	0.000159	0.00014	<0.00005	0.007	0.000088	0.0021	4.81
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00139	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.40	<0.0001	0.000264	0.00008	0.00006	<0.001	0.000006	0.0023	4.96
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00173	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.93	<0.0001	0.000145	<0.00005	<0.00005	0.007	0.000014	0.0021	5.17
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00137	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.80	<0.0001	0.000146	0.00006	<0.00005	<0.001	0.000008	0.0029	5.87
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00157	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.15	<0.0001	0.000134	<0.00005	<0.00005	<0.001	0.000006	0.0024	5.15
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0199	<0.00001	<0.000005	<0.05	0.00005	0.000006	9.62	<0.0001	0.000168	0.00014	0.00009	0.002	0.000062	0.0025	5.49
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03	0.0188	<0.00001	0.002	0.00012	0.00081	0.27	0.00116	0.00014	0.4	<0.000005	<0.05	0.00247	12	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0170	<0.00001	0.003	0.00012	0.00089	0.25	0.00110	0.00013	0.3	<0.000005	<0.05	0.00251	10	<0.00002	0.000039
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0071	<0.00001	0.006	0.00009	0.00057	0.20	0.00091	0.00010	0.3	<0.000005	<0.05	0.00186	<10	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0103	<0.00001	0.005	0.00013	0.00108	0.24	0.00095	0.00014	0.3	<0.000005	<0.05	0.00232	<10	<0.00002	0.000038
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0126	<0.00001	0.005	0.00016	0.00137	0.32	0.00117	0.00019	0.4	<0.000005	<0.05	0.00278	13	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0115	<0.00001	0.002	0.00010	0.00142	0.27	0.00124	0.00017	0.4	<0.000005	<0.05	0.00262	11	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0214	<0.00001	0.006	0.00011	0.00152	0.34	0.00149	0.00021	0.5	<0.000005	<0.05	0.00357	15	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0120	<0.00001	0.004	0.00023	0.00100	0.28	0.00120	0.00019	0.4	<0.000005	0.07	0.00308	11	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0150	0.00001	<0.002	0.00012	0.00166	0.28	0.00132	0.00019	0.5	<0.000005	<0.05	0.00304	11	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00897	<0.00001	<0.002	0.00011	0.00117	0.27	0.00110	0.00016	0.4	<0.000005	<0.05	0.00277	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0103	<0.00001	<0.002	0.00013	0.00118	0.32	0.00140	0.00017	0.5	<0.000005	<0.05	0.00326	13	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0086	<0.00001	<0.002	0.00009	0.00083	0.28	0.00129	0.00019	0.4	<0.000005	<0.05	0.00278	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0131	<0.00001	0.045	0.00010	0.00248	3.48	0.00129	0.00014	0.6	<0.000005	0.08	0.00359	12	<0.00002	0.000007
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0003	<0.0001	<0.002				0.91	0.90	0.17
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0068	<0.0001	<0.002				0.80	0.83	-1.78
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0003	<0.0001	<0.002				0.75	0.67	5.62
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0093	<0.0001	<0.002				0.82	0.81	0.86
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000009	<0.0002	0.0004	<0.0001	<0.002				1.07	1.03	1.86
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0002	<0.0001	<0.002				0.90	0.87	1.63
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0030	<0.0001	<0.002				1.22	1.12	4.48
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0008	<0.0001	<0.002				0.81	0.87	-3.59
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0003	<0.0001	<0.002				0.966	0.885	4.38
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0019	<0.0001	<0.002				0.898	0.879	1.07
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0002	<0.0001	<0.002				0.968	1.030	-3.05
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0004	<0.0001	<0.002				0.830	0.888	-3.38
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.000011	<0.0002	0.0013	<0.00001	0.000006	<0.0002	0.0015	<0.0001	<0.002				0.911	1.026	-5.94
BR01-3	HC-03															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	306	06-Nov-18	500	475	7.25	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	307	13-Nov-18	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	308	20-Nov-18	500	475	7.19	115.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	309	27-Nov-18	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	310	04-Dec-18	500	470	7.27	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	311	11-Dec-18	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	312	18-Dec-18	500	470	7.16	104
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	313	25-Dec-18	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	314	01-Jan-19	500	480	7.14	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	315	08-Jan-19	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	316	15-Jan-19	500	485	7.11	95.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	317	22-Jan-19	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	318	29-Jan-19	500	475	7.05	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	319	05-Feb-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	320	12-Feb-19	500	475	7.20	109
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	321	19-Feb-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	322	26-Feb-19	500	460	7.12	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	323	05-Mar-19	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	324	12-Mar-19	500	475	7.17	99.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	325	19-Mar-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	326	26-Mar-19	500	465	7.13	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	327	02-Apr-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	328	09-Apr-19	500	470	7.24	108
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	329	16-Apr-19	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	330	23-Apr-19	500	480	7.10	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	331	30-Apr-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	332	07-May-19	500	470	7.05	86.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	333	14-May-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	334	21-May-19	500	470	6.97	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	335	28-May-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	336	04-Jun-19	500	470	7.11	86.0
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	337	11-Jun-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	338	18-Jun-19	500	465	7.34	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	339	25-Jun-19	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	340	02-Jul-19	500	460	7.12	75
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	341	09-Jul-19	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	342	16-Jul-19	500	475	7.13	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	343	23-Jul-19	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	344	30-Jul-19	500	470	7.31	101
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	345	06-Aug-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	346	13-Aug-19	500	475	6.95	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	347	20-Aug-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	348	27-Aug-19	500	480	7.20	90
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	349	03-Sep-19	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	350	10-Sep-19	500	455	7.07	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	351	17-Sep-19	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	352	24-Sep-19	500	475	7.11	87
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	353	01-Oct-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	354	08-Oct-19	500	465	7.13	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	355	15-Oct-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	356	22-Oct-19	500	460	7.21	102

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	36.0	<0.5	<0.5	7.8			<0.5					49.7	0.0020	<0.00002	0.00012
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	34.6	<0.5	<0.5	6.5			<0.5					40.4	0.0020	0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	285	34.6	<0.5	<0.5	5.4			<0.5					36.5	0.0016	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	33.3	<0.5	<0.5	5.3			<0.5					40.6	0.0029	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	295	32.9	<0.5	<0.5	5.6			<0.5					37.7	0.0022	0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	285	36.0	<0.5	<0.5	6.2			<0.5					43.3	0.0014	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	31.1	<0.5	<0.5	5.9			0.6					35.0	0.0008	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	270	27.5	<0.5	<0.5	5.2			0.6					35.4	0.0012	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	24.0	<0.5	<0.5	6.1			<0.5					31.0	0.0008	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	280	34.5	<0.5	<0.5	6.1			1.3					41.7	0.0012	<0.00002	0.00012
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	305	35.1	<0.5	0.6	5.3			<0.5					39.8	0.0009	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	320	29.6	<0.5	1.1	4.6			<0.5					39.4	0.0014	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	310	36.2	<0.5	1.9	4.6			<0.5					43.5	0.0030	<0.00002	0.00003

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00171	<0.00001	<0.000005	<0.05	0.00005	<0.000005	10.30	<0.0001	0.000237	0.00010	0.00008	0.002	0.000010	0.0028	5.83
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00157	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.51	<0.0001	0.000243	0.00006	0.00007	0.002	0.000014	0.0026	4.65
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00130	<0.00001	<0.000005	<0.05	<0.00005	0.000006	7.55	<0.0001	0.000229	0.00010	0.00010	0.003	0.000007	0.0017	4.29
BR01-3	HC-03															
BR01-3	HC-03	0.00138	<0.00001	<0.000005	<0.05	0.00005	<0.000005	8.42	<0.0001	0.000223	0.00009	0.00008	0.007	0.000008	0.0019	4.75
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00119	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.86	<0.0001	0.000209	0.00009	0.00009	0.001	<0.000005	0.0019	4.38
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00131	<0.00001	<0.000005	<0.05	0.00005	<0.000005	9.07	<0.0001	0.000201	0.00010	0.00007	0.003	0.000008	0.0030	5.01
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00110	<0.00001	<0.000005	<0.05	<0.00005	0.000005	7.37	<0.0001	0.000139	0.00013	0.00007	0.002	0.000017	0.0013	4.02
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00107	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.23	<0.0001	0.000122	0.00007	0.00009	<0.001	0.000092	0.0017	4.20
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00121	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	6.64	<0.0001	0.000074	0.00007	<0.00005	<0.001	0.000007	0.0016	3.51
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00126	<0.00001	<0.000005	<0.05	0.00006	<0.000005	8.71	0.0002	0.000187	0.00010	0.00010	0.002	0.000009	0.0023	4.84
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00115	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.38	<0.0001	0.000176	0.00007	0.00012	<0.001	<0.000005	0.0019	4.59
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00115	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.24	<0.0001	0.000115	0.00011	0.00007	<0.001	0.000012	0.0021	4.56
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00127	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.17	<0.0001	0.000204	0.00012	0.00008	0.002	0.000006	0.0022	5.00

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0132	<0.00001	<0.002	0.00009	0.00140	0.30	0.00156	0.00021	0.5	<0.000005	<0.05	0.00313	14	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0130	<0.00001	<0.002	0.00009	0.00129	0.27	0.00135	0.00018	0.5	<0.000005	<0.05	0.00269	11	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0101	<0.00001	<0.002	0.00005	0.00114	0.21	0.00114	0.00015	0.4	0.000008	<0.05	0.00233	<10	<0.00002	0.000020
BR01-3	HC-03															
BR01-3	HC-03	0.0104	<0.00001	<0.002	0.00005	0.00101	0.24	0.00131	0.00016	0.4	<0.000005	<0.05	0.00258	11	0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0100	<0.00001	<0.002	0.00006	0.00106	0.21	0.00118	0.00013	0.4	<0.000005	<0.05	0.00259	10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0105	0.00001	<0.002	0.00008	0.00097	0.24	0.00137	0.00015	0.6	<0.000005	<0.05	0.00287	12	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0099	<0.00001	<0.002	0.00005	0.00092	0.17	0.00089	0.00012	0.4	<0.000005	<0.05	0.00226	<10	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00699	<0.00001	<0.002	0.00006	0.00081	0.18	0.00092	0.00013	0.4	<0.000005	<0.05	0.00222	10	<0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00576	<0.00001	<0.002	<0.00005	0.00054	0.18	0.00096	0.00011	0.3	<0.000005	<0.05	0.00200	<10	<0.00002	0.000009
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00949	<0.00001	<0.002	0.00007	0.00103	0.24	0.00129	0.00021	0.5	<0.000005	<0.05	0.00276	11	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0111	<0.00001	<0.002	0.00005	0.00093	0.21	0.00112	0.00015	0.5	<0.000005	<0.05	0.00253	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00950	<0.00001	<0.002	0.00009	0.00072	0.21	0.00103	0.00015	0.5	<0.000005	<0.05	0.00253	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0109	<0.00001	<0.002	0.00007	0.00094	0.26	0.00106	0.00026	0.5	<0.000005	<0.05	0.00289	12	<0.00002	0.000004

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0002	<0.0001	<0.002				0.905	1.000	-5.09
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0003	<0.0001	<0.002				0.850	0.815	2.10
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0015	<0.0001	<0.002				0.829	0.736	5.94
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0002	<0.0001	<0.002				0.800	0.818	-1.11
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0001	<0.0001	<0.002				0.797	0.759	2.44
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0002	<0.0001	<0.002				0.874	0.872	0.11
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0005	<0.0001	<0.002				0.784	0.704	5.38
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000002	<0.0002	0.0003	<0.0001	<0.002				0.692	0.712	-1.42
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000002	<0.0002	0.0005	<0.0001	<0.002				0.62	0.63	-0.16
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	0.0006	<0.00001	0.000003	0.0015	0.0002	<0.0001	<0.002				0.879	0.840	2.27
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	<0.0001	<0.0001	0.005				0.837	0.802	2.1
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0005	<0.0001	<0.002				0.708	0.793	-5.66
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0002	<0.0001	<0.002				0.846	0.877	-1.80

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	357	29-Oct-19	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	358	05-Nov-19	500	470	7.07	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	359	12-Nov-19	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	360	19-Nov-19	500	455	7.13	107
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	361	26-Nov-19	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	362	03-Dec-19	500	475	7.16	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	363	10-Dec-19	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	364	17-Dec-19	500	450	7.24	104
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	365	24-Dec-19	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	366	31-Dec-19	500	465	7.15	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	367	07-Jan-20	500	460		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	368	14-Jan-20	500	485	7.16	96
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	369	21-Jan-20	500	490		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	370	28-Jan-20	500	470	7.06	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	371	04-Feb-20	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	372	11-Feb-20	500	480	7.12	102
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	373	18-Feb-20	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	374	25-Feb-20	500	470	7.02	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	375	03-Mar-20	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	376	10-Mar-20	500	475	7.05	96
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	377	17-Mar-20	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	378	24-Mar-20	500	480	7.00	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	379	31-Mar-20	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	380	07-Apr-20	500	480	6.98	91
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	381	14-Apr-20	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	382	21-Apr-20	500	490	7.07	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	383	28-Apr-20	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	384	05-May-20	500	485	7.12	104
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	385	12-May-20	500	465		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	386	19-May-20	500	485	6.86	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	387	26-May-20	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	388	02-Jun-20	500	480	6.85	93
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	389	09-Jun-20	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	390	16-Jun-20	500	475	6.92	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	391	23-Jun-20	500	485		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	392	30-Jun-20	500	480	6.85	90
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	393	07-Jul-20	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	394	14-Jul-20	500	475	6.61	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	395	21-Jul-20	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	396	28-Jul-20	500	475	6.92	95
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	397	04-Aug-20	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	398	11-Aug-20	500	475	6.94	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	399	18-Aug-20	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	400	25-Aug-20	500	470	6.87	90
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	401	01-Sep-20	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	402	08-Sep-20	500	475	7.00	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	403	15-Sep-20	500	475		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	404	22-Sep-20	500	475	6.95	89
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	405	29-Sep-20	500	470		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	406	06-Oct-20	500	460	6.94	
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	407	13-Oct-20	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	270	33.7	<0.5	0.7	7.4			<0.5					50.8	0.0025	0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03	310	38.7	<0.5	<0.5	5.8			0.7					44.6	0.0013	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03	310	35.2	<0.5	0.8	4.6			<0.5					40.7	0.0010	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03	320	33.9	<0.5	<0.5	4.1			<0.5					41.9	0.0027	<0.00002	0.00004
BR01-3	HC-03																
BR01-3	HC-03	320	36.9	<0.5	<0.5	4.1			<0.5					40.7	0.0012	<0.00002	0.00004
BR01-3	HC-03																
BR01-3	HC-03	310	34.4	<0.5	<0.5	3.8			0.6					40.1	0.0011	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03	290	43.9	<0.5	<0.5	3.9			<0.5					44.2	0.0012	<0.00002	0.00004
BR01-3	HC-03																
BR01-3	HC-03	280	34.1	<0.5	<0.5	4.3			<0.5					41.3	0.0015	<0.00002	0.00006
BR01-3	HC-03																
BR01-3	HC-03	290	33.9	<0.5	<0.5	3.3			0.6					39.4	0.0022	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03	300	42.7	<0.5	<0.5	3.9			<0.5					41.3	0.0019	<0.00002	0.00002
BR01-3	HC-03																
BR01-3	HC-03	295	35.1	<0.5	<0.5	3.1			<0.5					39.1	0.0017	<0.00002	<0.00002
BR01-3	HC-03																
BR01-3	HC-03	300	31.6	<0.5	<0.5	2.9			<0.5					35.9	0.0022	<0.00002	0.00003
BR01-3	HC-03																
BR01-3	HC-03																
BR01-3	HC-03																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00137	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.4	<0.0001	0.000167	0.00014	0.00006	0.002	0.000021	0.0028	6.01
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00117	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.25	<0.0001	0.000175	0.00014	<0.00005	0.003	0.000021	0.0023	5.22
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00124	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.45	<0.0001	0.000315	0.00013	0.00009	0.004	0.000013	0.0023	4.76
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00130	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.7	<0.0001	0.000301	0.00011	0.00009	0.003	0.000009	0.0019	4.91
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00133	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.55	<0.0001	0.000367	0.00012	0.00011	0.005	0.000037	0.0022	4.70
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00134	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.26	<0.0001	0.000405	0.00055	0.00015	0.005	0.000059	0.0022	4.73
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00159	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	9.20	<0.0001	0.000494	0.00017	0.00014	0.008	0.000031	0.0025	5.15
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00167	<0.00001	<0.000005	<0.05	<0.00005	0.000005	8.78	<0.0001	0.000568	0.00023	0.00011	0.008	0.000032	0.0020	4.70
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00151	<0.00001	<0.000005	<0.05	<0.00005	0.000060	8.49	<0.0001	0.000756	0.00009	0.00020	0.009	0.000032	0.0026	4.43
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00165	<0.00001	<0.000005	<0.05	<0.00005	0.000023	8.92	<0.0001	0.000902	0.00161	0.00026	0.011	0.000050	0.0024	4.63
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00173	<0.00001	<0.000005	<0.05	<0.00005	0.000034	8.86	<0.0001	0.001120	0.00013	0.00027	0.010	0.000027	0.0025	4.13
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.00175	<0.00001	<0.000005	<0.05	<0.00005	0.000007	7.42	<0.0001	0.001020	0.0036	0.00031	0.010	0.000039	0.0022	4.22
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0132	<0.00001	<0.002	0.00009	0.00096	0.33	0.00140	0.00027	0.6	<0.000005	<0.05	0.00303	13	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0125	<0.00001	<0.002	0.00007	0.00087	0.28	0.00113	0.00044	0.5	<0.000005	<0.05	0.00285	12	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0276	<0.00001	<0.002	<0.00005	0.00114	0.27	0.00121	0.00018	0.6	<0.000005	<0.05	0.00292	11	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0209	<0.00001	<0.002	<0.00005	0.00129	0.25	0.00109	0.00027	0.5	<0.000005	<0.05	0.00292	12	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0293	<0.00001	0.004	<0.00005	0.00143	0.26	0.00116	0.00015	0.6	<0.000005	<0.05	0.00271	11	<0.00002	<0.000002
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0319	<0.00001	0.004	<0.00005	0.00176	0.26	0.00116	0.00014	0.6	<0.000005	<0.05	0.00276	11	<0.00002	0.000003
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0309	<0.00001	<0.002	<0.00005	0.00173	0.30	0.00133	0.00020	0.7	<0.000005	<0.05	0.00324	13	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0351	<0.00001	<0.002	<0.00005	0.00167	0.27	0.00119	0.00026	0.7	<0.000005	<0.05	0.00450	11	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0500	<0.00001	0.002	<0.00005	0.00200	0.32	0.00152	0.00016	0.6	<0.000005	<0.05	0.00349	12	<0.00002	0.000007
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0594	<0.00001	<0.002	<0.00005	0.00222	0.31	0.00138	0.00016	0.7	<0.000005	0.05	0.00329	12	<0.00002	0.000006
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0627	<0.00001	0.005	<0.00005	0.00251	0.28	0.00141	0.00018	0.6	<0.000005	0.06	0.00336	11	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.0534	<0.00001	0.003	<0.00005	0.00235	0.24	0.00111	0.00015	0.6	<0.000005	<0.05	0.00262	<10	<0.00002	0.000004
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0004	<0.0001	<0.002				0.850	1.02	-9.28
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0003	<0.0001	0.002				0.940	0.899	2.23
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000006	<0.0002	0.0002	<0.0001	<0.002				0.826	0.821	0.30
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0002	<0.0001	<0.002				0.789	0.84	-3.37
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0002	<0.0001	<0.002				0.851	0.821	1.79
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000002	<0.0002	0.0003	0.0001	<0.002				0.808	0.809	-0.06
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0002	<0.0001	<0.002				0.993	0.892	5.36
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	<0.000002	<0.0002	0.0002	<0.0001	<0.002				0.797	0.840	-2.63
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0001	<0.0001	<0.002				0.787	0.818	-1.93
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000002	<0.0002	0.0005	<0.0001	<0.002				0.967	0.840	7.03
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0005	<0.0001	<0.002				0.793	0.796	-0.190
BR01-3	HC-03															
BR01-3	HC-03															
BR01-3	HC-03	0.000008	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0009	<0.0001	<0.002				0.717	0.726	-0.620
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	408	20-Oct-20	500	480	6.96	91
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	409	27-Oct-20	500	480		
BR01-3	HC-03	Goose Main	Mudstone	08GSE008	336.00	338.00	0.70	0.60	0.13	20.00	6.54	410	03-Nov-20	500	480	6.72	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	0	25-Dec-12	750	505	8.44	259
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	1	01-Jan-13	500	455	7.95	168
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	2	08-Jan-13	500	480	8.03	156
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	3	15-Jan-13	500	480	8.15	113
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	4	22-Jan-13	500	465	7.89	113
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	5	29-Jan-13	500	475	7.87	91.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	6	05-Feb-13	500	485	7.82	69.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	7	12-Feb-13	500	470	7.73	73.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	8	19-Feb-13	500	475	7.76	68.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	9	26-Feb-13	500	470	7.77	62.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	10	05-Mar-13	500	480	7.69	59.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	11	12-Mar-13	500	475	7.66	51.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	12	19-Mar-13	500	465	7.69	60.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	13	26-Mar-13	500	470	7.58	47.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	14	02-Apr-13	500	475	7.56	51.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	15	09-Apr-13	500	480	7.61	48.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	16	16-Apr-13	500	480	7.49	48.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	17	23-Apr-13	500	480	7.55	49.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	18	30-Apr-13	500	480	7.54	49.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	19	07-May-13	500	465	7.58	42.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	20	14-May-13	500	485	7.27	42.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	21	21-May-13	500	480		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	22	28-May-13	500	485	7.45	42.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	23	04-Jun-13	500	470		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	24	11-Jun-13	500	485	7.47	42.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	25	18-Jun-13	500	470		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	26	25-Jun-13	500	475	7.49	42.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	27	02-Jul-13	500	490		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	28	09-Jul-13	500	480	7.50	39.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	29	16-Jul-13	500	475		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	30	23-Jul-13	500	485	7.34	35.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	31	30-Jul-13	500	480		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	32	06-Aug-13	500	485	7.48	35.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	33	13-Aug-13	500	475		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	34	20-Aug-13	500	490	7.28	35.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	35	27-Aug-13	500	475		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	36	03-Sep-13	500	460	7.31	33.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	37	10-Sep-13	500	485		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	38	17-Sep-13	500	475	7.23	36.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	39	24-Sep-13	500	470		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-3	HC-03	375	32.9	<0.5	<0.5	3.9			<0.5					35.3	0.0043	<0.00002	0.00006
BR01-3	HC-03																
BR01-3	HC-03																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-4	HC-04	120	12.3	<0.5	<0.5	85.6	0.91	0.116	8.1	<2	<0.5			12.1	0.1590	0.07840	0.0152
BR01-4	HC-04	105	12.1	<0.5	0.5	56.9	0.56	0.012	4.7	<2	<0.5			17.6	0.2600	0.11300	0.309
BR01-4	HC-04	110	15.3	<0.5	1.1	47.7	0.33	<0.01	0.7	<2	<0.5			21.2	0.3220	0.08220	0.918
BR01-4	HC-04	120	10.9	<0.5	<0.5	38.0	0.20	<0.01	<0.5	<2	<0.5			21.4	0.3530	0.05150	1.31
BR01-4	HC-04	130	9.5	<0.5	<0.5	38.5	0.14	<0.01	<0.5	<0.02	<0.005			25.0	0.1850	0.04640	1.56
BR01-4	HC-04	140	7.7	<0.5	<0.5	33.3	0.11	<0.01	0.5					21.4	0.2990	0.03300	1.49
BR01-4	HC-04	130	7.8	<0.5	<0.5	28.4	0.10	<0.01	0.7					20.6	0.2520	0.02930	1.49
BR01-4	HC-04	115	7.8	<0.5	<0.5	26.6	0.09	<0.01	0.6					21.1	0.3090	0.02880	1.52
BR01-4	HC-04	110	6.9	<0.5	<0.5	23.6	0.08	<0.01	<0.5					22.2	0.2360	0.02630	1.44
BR01-4	HC-04	120	7.3	<0.5	<0.5	24.1	0.08	<0.01	0.8					21.5	0.2200	0.02420	1.33
BR01-4	HC-04	135	7.0	<0.5	<0.5	21.7	0.06	<0.01	0.6					19.2	0.2530	0.02080	1.00
BR01-4	HC-04	140	7.2	<0.5	<0.5	16.7	<0.05	<0.01	0.8					18.1	0.1320	0.01750	0.547
BR01-4	HC-04	130	7.8	<0.5	<0.5	21.4	0.07	<0.01	<0.5					21.7	0.1380	0.02300	1.100
BR01-4	HC-04	120	6.6	<0.5	<0.5	17.6	0.06	<0.01	0.6					18.5	0.2220	0.01860	0.903
BR01-4	HC-04	120	6.7	<0.5	<0.5	15.1	0.06	<0.01	<0.5					16.8	0.1510	0.01780	0.803
BR01-4	HC-04	130	6.2	<0.5	<0.5	13.5	0.05	<0.01	0.8					17.3	0.1550	0.01660	0.699
BR01-4	HC-04	125	6.0	<0.5	0.7	14.6	<0.05	<0.01	0.7					16.7	0.1540	0.01600	0.645
BR01-4	HC-04	130	6.6	<0.5	<0.5	13.6	<0.05	<0.01	<0.5					16.3	0.1110	0.01540	0.579
BR01-4	HC-04	120	6.1	<0.5	<0.5	11.6	<0.05	<0.01	<0.5					15.4	0.0569	0.01450	0.451
BR01-4	HC-04	125	6.4	<0.5	0.6	10.8	<0.05	<0.01	0.6					14.8	0.1280	0.01470	0.441
BR01-4	HC-04	130	7.0	<0.5	<0.5	11.0	0.05	<0.01	<0.5					15.0	0.0968	0.01630	0.515
BR01-4	HC-04																
BR01-4	HC-04	125	6.2	<0.5	<0.5	12.0	<0.05	<0.01	0.6					15.1	0.0880	0.01380	0.407
BR01-4	HC-04																
BR01-4	HC-04	120	6.5	<0.5	<0.5	10.7	<0.05	<0.01	<0.5					15.1	0.1100	0.01390	0.346
BR01-4	HC-04																
BR01-4	HC-04	130	6.0	<0.5	<0.5	10.6	<0.05	<0.01	<0.5					14.7	0.1240	0.01250	0.299
BR01-4	HC-04																
BR01-4	HC-04	150	7.0	<0.5	<0.5	9.6	<0.05	<0.01	<0.5					13.4	0.1040	0.01140	0.260
BR01-4	HC-04																
BR01-4	HC-04	125	6.2	<0.5	<0.5	7.5	<0.05	<0.01	<0.5					12.3	0.0717	0.01070	0.216
BR01-4	HC-04																
BR01-4	HC-04	140	7.8	<0.5	0.5	7.0	<0.05	<0.01	<0.5					12.0	0.0791	0.00997	0.195
BR01-4	HC-04																
BR01-4	HC-04	130	7.6	<0.5	<0.5	7.5	<0.05	<0.01	<0.5					11.5	0.0641	0.00911	0.175
BR01-4	HC-04																
BR01-4	HC-04	150	8.1	<0.5	0.9	6.4	<0.05	<0.01	<0.5					11.3	0.0517	0.00866	0.135
BR01-4	HC-04																
BR01-4	HC-04	140	10.1	<0.5	0.6	6.3	<0.05	<0.01	<0.5					13.6	0.0316	0.00909	0.159
BR01-4	HC-04																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-3	HC-03	0.00175	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	7.29	<0.0001	0.00119	0.00019	0.00035	0.013	0.000044	0.0023	4.15
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-4	HC-04	0.00206	<0.00001	<0.000005	0.08	0.00156	<0.000005	2.67	0.0002	0.000176	0.00164	<0.00005	0.006	0.000043	0.0021	1.33
BR01-4	HC-04	0.00160	<0.00001	<0.000005	0.08	0.00092	<0.000005	4.29	0.0008	0.000109	0.00022	<0.00005	0.013	0.000044	0.0028	1.66
BR01-4	HC-04	0.00120	<0.00005	<0.00003	<0.3	0.00080	<0.00003	5.10	0.0009	0.000100	0.00040	<0.0003	0.017	0.001250	<0.003	2.00
BR01-4	HC-04	0.00100	<0.00005	<0.00003	<0.3	0.00050	<0.00003	5.40	0.0008	0.000130	<0.0003	<0.0003	0.016	0.000040	0.0040	1.90
BR01-4	HC-04	0.00110	<0.00005	<0.00003	<0.3	0.00050	<0.00003	6.30	<0.0005	0.000250	<0.0003	<0.0003	0.018	0.001830	<0.003	2.20
BR01-4	HC-04	0.00100	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	5.70	0.0007	0.000210	<0.0003	<0.0003	0.026	0.000050	<0.003	1.70
BR01-4	HC-04	0.00100	<0.00001	<0.000005	<0.05	0.00023	<0.000005	5.46	0.0004	0.000212	0.00019	<0.00005	0.018	0.000031	0.0018	1.69
BR01-4	HC-04	0.00110	<0.00005	<0.00003	<0.3	0.00030	<0.00003	5.80	0.0007	0.000360	0.00040	<0.0003	0.078	0.000110	<0.003	1.60
BR01-4	HC-04	0.00100	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	6.30	0.0005	0.000200	<0.0003	<0.0003	0.014	0.003970	<0.003	1.60
BR01-4	HC-04	0.00150	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	6.10	<0.0005	0.000210	0.01090	<0.0003	0.013	0.000050	<0.003	1.50
BR01-4	HC-04	0.00090	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	5.50	<0.0005	0.000270	<0.0003	<0.0003	0.032	0.000050	<0.003	1.30
BR01-4	HC-04	0.00049	<0.00001	<0.000005	<0.05	0.00009	<0.000005	5.11	0.0004	0.000208	0.00028	<0.00005	0.014	0.000042	0.0010	1.29
BR01-4	HC-04	0.00130	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	6.30	<0.0005	0.000260	<0.0003	<0.0003	0.021	0.000420	<0.003	1.40
BR01-4	HC-04	0.00082	<0.00001	<0.000005	<0.05	0.00011	<0.000005	5.29	0.0005	0.000313	0.00017	<0.00005	0.057	0.000059	0.0010	1.28
BR01-4	HC-04	0.00044	<0.00001	<0.000005	<0.05	0.00011	<0.000005	4.80	0.0003	0.000197	0.00038	<0.00005	0.009	0.000020	0.0009	1.17
BR01-4	HC-04	0.00046	<0.00001	<0.000005	<0.05	0.00011	0.000013	5.12	0.0003	0.000194	0.00046	<0.00005	0.010	0.000023	0.0009	1.08
BR01-4	HC-04	0.00044	<0.00001	<0.000005	<0.05	0.00009	<0.000005	4.83	0.0002	0.000194	0.00030	<0.00005	0.007	0.000018	0.0008	1.13
BR01-4	HC-04	0.00052	<0.00001	0.000005	<0.05	0.00009	<0.000005	4.71	0.0003	0.000185	<0.00005	<0.00005	0.005	0.000126	0.0008	1.10
BR01-4	HC-04	0.00103	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.40	0.0003	0.000247	0.00028	<0.00005	0.018	0.000005	0.0009	1.07
BR01-4	HC-04	0.00041	<0.00001	<0.000005	<0.05	0.00008	<0.000005	4.25	0.0002	0.000242	<0.00005	<0.00005	0.005	0.000020	0.0009	1.03
BR01-4	HC-04	0.00049	<0.00001	<0.000005	<0.05	0.00009	<0.000005	4.22	0.0002	0.000203	0.00183	<0.00005	0.007	0.000059	0.0008	1.07
BR01-4	HC-04															
BR01-4	HC-04	0.00057	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.25	0.0002	0.000223	<0.00005	<0.00005	0.003	0.000054	0.0007	1.09
BR01-4	HC-04															
BR01-4	HC-04	0.00042	<0.00001	<0.000005	<0.05	0.00007	<0.000005	4.25	0.0001	0.000180	0.00087	<0.00005	0.002	0.000007	0.0007	1.09
BR01-4	HC-04															
BR01-4	HC-04	0.00038	<0.00001	<0.000005	<0.05	0.00005	<0.000005	4.19	0.0004	0.000200	0.00008	<0.00005	0.003	0.000010	0.0006	1.02
BR01-4	HC-04															
BR01-4	HC-04	0.00033	<0.00001	<0.000005	<0.05	0.00006	<0.000005	3.84	0.0003	0.000169	0.00011	<0.00005	0.005	0.000021	0.0008	0.93
BR01-4	HC-04															
BR01-4	HC-04	0.00035	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.42	0.0002	0.000190	0.00029	<0.00005	0.004	0.000007	<0.0005	0.93
BR01-4	HC-04															
BR01-4	HC-04	0.00058	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.33	<0.0001	0.000201	<0.00005	<0.00005	<0.001	0.000017	0.0006	0.90
BR01-4	HC-04															
BR01-4	HC-04	0.00029	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.98	<0.0001	0.000215	0.00019	<0.00005	<0.001	<0.000005	0.0007	0.98
BR01-4	HC-04															
BR01-4	HC-04	0.00027	<0.00001	<0.000005	<0.05	<0.00005	0.000005	2.90	<0.0001	0.000272	0.00009	<0.00005	<0.001	0.000006	0.0006	0.99
BR01-4	HC-04															
BR01-4	HC-04	0.00048	<0.00001	<0.000005	<0.05	<0.00005	0.000007	3.67	<0.0001	0.000296	<0.00005	<0.00005	<0.001	<0.000005	0.0007	1.07
BR01-4	HC-04															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-3	HC-03	0.0589	<0.00001	0.003	<0.00005	0.00241	0.25	0.00118	0.00014	0.7	<0.000005	0.06	0.00290	<10	<0.00002	0.000005
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-4	HC-04	0.00130	<0.00001	0.028	0.02700	0.00368	52.60	0.09210	0.00086	1.9	<0.000005	14.40	0.02010	<10	<0.00002	0.000025
BR01-4	HC-04	0.00129	<0.00001	0.009	0.01400	0.00051	34.90	0.06090	0.00210	2.5	<0.000005	5.66	0.01860	<10	<0.00002	0.000017
BR01-4	HC-04	0.00120	<0.00005	0.010	0.00650	0.00070	29.10	0.05020	0.00210	2.6	<0.00003	3.40	0.01850	<50	<0.0001	0.000010
BR01-4	HC-04	0.00120	<0.00005	0.010	0.00410	0.00040	20.80	0.03470	0.00130	2.8	<0.00003	1.90	0.01530	<50	<0.0001	<0.00001
BR01-4	HC-04	0.00170	0.00014	0.030	0.00390	0.00040	17.90	0.03140	0.00130	2.8	<0.00003	1.40	0.01660	<50	<0.0001	0.000010
BR01-4	HC-04	0.00170	<0.00005	<0.01	0.00280	0.00050	12.90	0.02240	0.00090	2.9	<0.00003	0.90	0.01310	<50	<0.0001	<0.00001
BR01-4	HC-04	0.00154	0.00002	0.008	0.00278	0.00028	10.70	0.01930	0.00074	2.6	<0.000005	0.75	0.01170	<10	<0.00002	0.000008
BR01-4	HC-04	0.00210	<0.00005	<0.01	0.00250	0.00050	9.90	0.01770	0.00080	2.8	<0.00003	0.60	0.01180	<50	<0.0001	0.000010
BR01-4	HC-04	0.00170	<0.00005	<0.01	0.00210	0.00090	8.10	0.01690	<0.0002	3.1	<0.00003	0.60	0.01050	<50	<0.0001	0.000020
BR01-4	HC-04	0.00160	<0.00005	<0.01	0.00230	0.00020	7.20	0.01360	0.00060	2.8	<0.00003	0.50	0.01160	<50	<0.0001	<0.00001
BR01-4	HC-04	0.00190	<0.00005	<0.01	0.00170	0.00030	5.70	0.01140	0.00040	2.7	<0.00003	0.40	0.00920	<50	<0.0001	<0.00001
BR01-4	HC-04	0.00199	0.00007	0.005	0.00196	0.00027	4.60	0.00897	0.00023	2.2	<0.000005	0.36	0.00865	<10	<0.00002	0.000008
BR01-4	HC-04	0.00280	<0.00005	<0.01	0.00200	0.00040	5.70	0.01180	0.00060	3.5	<0.00003	0.90	0.01120	<50	<0.0001	<0.00001
BR01-4	HC-04	0.00196	0.00007	<0.002	0.00179	0.00031	4.81	0.00999	0.00043	3.1	<0.000005	0.34	0.00869	<10	<0.00002	0.000004
BR01-4	HC-04	0.00162	0.00003	0.003	0.00176	0.00022	4.12	0.00832	0.00030	2.8	<0.000005	0.34	0.00780	<10	<0.00002	0.000006
BR01-4	HC-04	0.00234	0.00003	0.002	0.00167	0.00025	3.97	0.00843	0.00029	3.0	<0.000005	0.29	0.00773	<10	<0.00002	0.000004
BR01-4	HC-04	0.00174	0.00003	<0.002	0.00158	0.00021	3.78	0.00812	0.00030	3.0	<0.000005	0.28	0.00740	<10	<0.00002	0.000002
BR01-4	HC-04	0.00165	0.00002	0.002	0.00159	0.00030	3.44	0.00731	0.00033	2.9	<0.000005	0.29	0.00736	<10	<0.00002	0.000005
BR01-4	HC-04	0.00204	0.00002	0.003	0.00175	0.00051	3.01	0.00605	0.00028	2.8	<0.000005	0.28	0.00673	<10	<0.00002	0.000007
BR01-4	HC-04	0.00188	<0.00001	<0.002	0.00143	0.00031	3.14	0.00646	0.00026	2.6	<0.000005	0.24	0.00685	<10	<0.00002	0.000004
BR01-4	HC-04	0.00182	0.00003	0.008	0.00134	0.00066	2.90	0.00606	0.00025	3.2	<0.000005	0.26	0.00683	<10	<0.00002	0.000002
BR01-4	HC-04															
BR01-4	HC-04	0.00202	0.00013	0.003	0.00126	0.00036	2.86	0.00597	0.00023	3.3	<0.000005	0.23	0.00645	<10	<0.00002	0.000016
BR01-4	HC-04															
BR01-4	HC-04	0.00205	0.00005	0.019	0.00124	0.00029	2.52	0.00548	0.00021	3.4	<0.000005	0.24	0.00651	<10	<0.00002	0.000005
BR01-4	HC-04															
BR01-4	HC-04	0.00214	<0.00001	0.018	0.00123	0.00067	2.24	0.00493	0.00021	3.5	<0.000005	0.22	0.00594	<10	<0.00002	0.000006
BR01-4	HC-04															
BR01-4	HC-04	0.00190	0.00005	<0.002	0.00116	0.00044	1.98	0.00443	0.00023	3.6	<0.000005	0.17	0.00535	<10	<0.00002	0.000006
BR01-4	HC-04															
BR01-4	HC-04	0.00203	0.00007	0.003	0.00106	0.00054	1.83	0.00376	0.00015	3.2	<0.000005	0.16	0.00504	<10	<0.00002	0.000004
BR01-4	HC-04															
BR01-4	HC-04	0.00235	0.00005	0.004	0.00107	0.00047	1.67	0.00394	0.00017	3.2	<0.000005	0.15	0.00497	<10	<0.00002	0.000004
BR01-4	HC-04															
BR01-4	HC-04	0.00244	0.00005	0.002	0.00092	0.00055	1.60	0.00356	0.00018	2.7	<0.000005	0.16	0.00496	<10	<0.00002	0.000005
BR01-4	HC-04															
BR01-4	HC-04	0.00295	<0.00001	0.009	0.00094	0.00076	1.52	0.00337	0.00019	2.4	<0.000005	0.16	0.00473	<10	<0.00002	0.000004
BR01-4	HC-04															
BR01-4	HC-04	0.00384	<0.00001	0.028	0.00092	0.00118	1.58	0.00345	0.00012	4.0	<0.000005	0.18	0.00524	<10	<0.00002	0.000005
BR01-4	HC-04															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-3	HC-03	<0.000005	<0.0002	<0.0005	0.00001	0.000011	<0.0002	0.0002	<0.0001	<0.002				0.762	0.718	2.97
BR01-3	HC-03															
BR01-3	HC-03															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-4	HC-04	<0.000005	0.0007	<0.0005	0.00344	0.000035	0.0029	0.0010	<0.0001	<0.002				2.24	2.23	0.27
BR01-4	HC-04	<0.000005	0.0004	<0.0005	0.00290	0.000140	0.0075	0.0038	<0.0001	<0.002				1.55	1.52	0.98
BR01-4	HC-04	<0.00003	0.0003	<0.003	0.00176	0.000520	0.0140	<0.0005	<0.0005	<0.002				1.31	1.35	-1.58
BR01-4	HC-04	<0.00003	0.0004	<0.003	0.00146	0.000830	0.0160	<0.0005	<0.0005	<0.002				1.00	1.08	-4.00
BR01-4	HC-04	<0.00003	0.0003	<0.003	0.00110	0.001110	0.0170	<0.0005	<0.0005	<0.002				0.98	1.04	-3.27
BR01-4	HC-04	<0.00003	0.0002	<0.003	0.00075	0.001460	0.0170	0.0006	<0.0005	<0.002				0.85	0.83	1.02
BR01-4	HC-04	<0.000005	0.0001	<0.0005	0.00066	0.001500	0.0147	0.0010	<0.0001	0.002				0.76	0.75	0.60
BR01-4	HC-04	<0.00003	0.0002	<0.003	0.00059	0.001690	0.0190	<0.0005	<0.0005	<0.002				0.72	0.74	-1.65
BR01-4	HC-04	<0.00003	0.0002	<0.003	0.00069	0.001580	0.0140	<0.0005	<0.0005	0.003				0.62	0.70	-6.27
BR01-4	HC-04	<0.00003	0.0001	<0.003	0.00032	0.001360	0.0130	<0.0005	<0.0005	<0.002				0.66	0.66	-0.15
BR01-4	HC-04	<0.00003	0.0002	<0.003	0.00029	0.001010	0.0120	0.0007	<0.0005	<0.002				0.60	0.58	2.04
BR01-4	HC-04	0.000006	0.0003	<0.0005	0.00026	0.000738	0.0070	0.0004	<0.0001	<0.002				0.51	0.51	-0.30
BR01-4	HC-04	<0.00003	0.0002	<0.003	0.00030	0.000860	0.0120	0.0010	<0.0005	0.003				0.59	0.64	-3.41
BR01-4	HC-04	0.000058	0.0002	0.0019	0.00041	0.000797	0.0114	0.0002	0.0003	<0.002				0.51	0.53	-2.50
BR01-4	HC-04	<0.000005	0.0003	<0.0005	0.00026	0.000671	0.0103	0.0008	<0.0001	<0.002				0.44	0.47	-3.16
BR01-4	HC-04	<0.000005	0.0005	<0.0005	0.00023	0.000550	0.0090	0.0015	<0.0001	<0.002				0.42	0.48	-5.88
BR01-4	HC-04	<0.000005	0.0003	<0.0005	0.00022	0.000477	0.0085	0.0003	<0.0001	<0.002				0.44	0.46	-2.56
BR01-4	HC-04	<0.000005	0.0002	<0.0005	0.00028	0.000395	0.0079	0.0003	<0.0001	<0.002				0.41	0.44	-3.66
BR01-4	HC-04	0.000008	0.0004	<0.0005	0.00022	0.000339	0.0074	0.0001	<0.0001	<0.002				0.36	0.40	-5.76
BR01-4	HC-04	<0.000005	0.0002	0.0007	0.00021	0.000320	0.0068	0.0005	<0.0001	<0.002				0.37	0.40	-4.70
BR01-4	HC-04	<0.000005	0.0002	<0.0005	0.00019	0.000272	0.0069	0.0010	<0.0001	<0.002				0.37	0.40	-3.66
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00019	0.000245	0.0062	0.0002	<0.0001	<0.002				0.39	0.40	-0.89
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00018	0.000183	0.0053	0.0004	<0.0001	<0.002				0.35	0.39	-5.42
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	0.0003	<0.0005	0.00017	0.000152	0.0054	0.0003	<0.0001	<0.002				0.34	0.37	-5.35
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	0.0005	<0.0005	0.00015	0.000112	0.0045	<0.0001	<0.0001	<0.002				0.34	0.34	-0.15
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	0.0004	<0.0005	0.00016	0.000078	0.0040	0.0003	<0.0001	<0.002				0.28	0.31	-5.28
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00016	0.000072	0.0037	0.0002	<0.0001	<0.002				0.30	0.30	0.83
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00014	0.000054	0.0033	0.0001	<0.0001	<0.002				0.31	0.29	3.72
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00013	0.000048	0.0024	0.0001	<0.0001	<0.002				0.30	0.28	3.30
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00013	0.000041	0.0030	0.0015	<0.0001	<0.002				0.34	0.32	2.12
BR01-4	HC-04															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	40	01-Oct-13	500	475	7.25	37.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	41	08-Oct-13	500	460		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	42	15-Oct-13	500	465	7.24	29.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	43	22-Oct-13	500	480		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	44	29-Oct-13	500	475	6.89	22.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	45	05-Nov-13	500	480		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	46	12-Nov-13	500	485	6.90	33.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	47	19-Nov-13	500	485		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	48	26-Nov-13	500	485	6.73	35.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	49	03-Dec-13	500	465		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	50	10-Dec-13	500	455	7.14	20.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	51	17-Dec-13	500	475		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	52	24-Dec-13	500	465	6.75	35.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	53	31-Dec-13	500	465		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	54	07-Jan-14	500	495	6.71	32.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	55	14-Jan-14	500	475		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	56	21-Jan-14	500	465	6.95	35.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	57	28-Jan-14	500	480		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	58	04-Feb-14	500	450	6.74	34.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	59	11-Feb-14	500	490		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	60	18-Feb-14	500	460	6.80	37.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	61	25-Feb-14	500	485		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	62	04-Mar-14	500	485	6.80	32.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	63	11-Mar-14	500	465		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	64	18-Mar-14	500	490	6.64	28.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	65	25-Mar-14	500	460		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	66	01-Apr-14	500	490	6.70	39.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	67	08-Apr-14	500	460		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	68	15-Apr-14	500	460	6.50	37.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	69	22-Apr-14	500	470		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	70	29-Apr-14	500	465	6.52	36.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	71	06-May-14	500	490		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	72	13-May-14	500	470	6.41	37.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	73	20-May-14	500	485		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	74	27-May-14	500	475	6.63	27.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	75	03-Jun-14	500	485		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	76	10-Jun-14	500	475	6.33	31.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	77	17-Jun-14	500	470		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	78	24-Jun-14	500	490	6.51	37.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	79	01-Jul-14	500	460		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	80	08-Jul-14	500	455	6.46	38.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	81	15-Jul-14	500	465		
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	82	22-Jul-14	500	465	6.54	34.0
BR01-4	HC-04	Goose Main	Mudstone	10GSE89	154.00	157.00	0.09	0.08	0.03	15.90	6.79	83	29-Jul-14	500	465		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR01-4	HC-04	140	9.3	<0.5	0.6	6.3	<0.05	<0.01	<0.5					13.6	0.0231	0.00874	0.123
BR01-4	HC-04																
BR01-4	HC-04	145	8.8	<0.5	<0.5	4.6	<0.05	<0.01	<0.5					12.5	0.0080	0.00704	0.0600
BR01-4	HC-04																
BR01-4	HC-04	135	7.8	<0.5	<0.5	2.9	<0.05	<0.01	<0.5					10.3	0.0057	0.00511	0.0330
BR01-4	HC-04																
BR01-4	HC-04	145	9.4	<0.5	<0.5	3.7	<0.05	<0.01	<0.5					12.1	0.0076	0.00669	0.0350
BR01-4	HC-04																
BR01-4	HC-04	145	9.7	<0.5	<0.5	3.8	<0.05	<0.01	<0.5					12.6	0.0057	0.00637	0.0374
BR01-4	HC-04																
BR01-4	HC-04	145	6.1	<0.5	<0.5	1.2	<0.05	<0.01	<0.5					6.8	0.0034	0.00177	0.0073
BR01-4	HC-04																
BR01-4	HC-04	145	11.4	<0.5	0.5	1.8	<0.05	<0.01	<0.5					12.8	0.0035	0.00400	0.0123
BR01-4	HC-04																
BR01-4	HC-04	135	10.9	<0.5	<0.5	2.4	<0.05	<0.01	<0.5					11.4	0.0028	0.00484	0.0138
BR01-4	HC-04																
BR01-4	HC-04	140	11.1	<0.5	<0.5	3.1	<0.05	<0.01	<0.5					13.6	0.0030	0.00644	0.0149
BR01-4	HC-04																
BR01-4	HC-04	145	10.6	<0.5	<0.5	3.2	<0.05	<0.01	<0.5					12.1	0.0054	0.00599	0.0167
BR01-4	HC-04																
BR01-4	HC-04	155	11.6	<0.5	<0.5	2.2	<0.05	<0.01	<0.5					13.8	0.0037	0.00555	0.0149
BR01-4	HC-04																
BR01-4	HC-04	145	9.3	<0.5	<0.5	3.1	<0.05	<0.01	<0.5					11.6	0.0023	0.00546	0.0116
BR01-4	HC-04																
BR01-4	HC-04	155	8.5	<0.5	<0.5	1.3	<0.05	<0.01	<0.5					9.1	0.0017	0.00333	0.00748
BR01-4	HC-04																
BR01-4	HC-04	150	12.0	<0.5	1.0	1.4	<0.05	<0.01	<0.5					13.1	0.0017	0.00407	0.00835
BR01-4	HC-04																
BR01-4	HC-04	155	11.2	<0.5	<0.5	1.7	<0.05	<0.01	<0.5					13.0	0.0020	0.00406	0.00815
BR01-4	HC-04																
BR01-4	HC-04	150	11.4	<0.5	<0.5	1.8	<0.05	<0.01	<0.5					13.0	0.0015	0.00446	0.00914
BR01-4	HC-04																
BR01-4	HC-04	160	10.5	<0.5	<0.5	1.7	0.05	<0.01	<0.5					11.3	0.0034	0.00370	0.00788
BR01-4	HC-04																
BR01-4	HC-04	145	7.4	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5					9.4	0.0013	0.00239	0.00540
BR01-4	HC-04																
BR01-4	HC-04	145	9.3	<0.5	<0.5	0.5	<0.05	<0.01	<0.5					11.9	0.0019	0.00263	0.00468
BR01-4	HC-04																
BR01-4	HC-04	150	11.8	<0.5	1.4	1.7	0.06	<0.01	<0.5					13.5	0.0020	0.00420	0.00802
BR01-4	HC-04																
BR01-4	HC-04	160	12.0	<0.5	0.7	1.6	<0.05	<0.01	<0.5					14.1	0.0023	0.00426	0.00820
BR01-4	HC-04																
BR01-4	HC-04	140	11.2	<0.5	<0.5	1.4	0.05	<0.01	<0.5					12.8	0.0044	0.00364	0.00671
BR01-4	HC-04																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR01-4	HC-04	0.00035	<0.00001	<0.000005	<0.05	<0.00005	0.000009	3.46	<0.0001	0.000415	0.00016	<0.00005	<0.001	0.000080	0.0008	1.21
BR01-4	HC-04															
BR01-4	HC-04	0.00028	<0.00001	<0.000005	<0.05	<0.00005	0.000007	3.15	<0.0001	0.000575	0.00014	<0.00005	<0.001	0.000033	0.0007	1.13
BR01-4	HC-04															
BR01-4	HC-04	0.00028	<0.00001	<0.000005	<0.05	<0.00005	0.000014	2.39	<0.0001	0.000774	0.00007	<0.00005	0.001	0.000037	0.0012	1.05
BR01-4	HC-04															
BR01-4	HC-04	0.00052	<0.00001	<0.000005	<0.05	<0.00005	0.000016	2.97	<0.0001	0.000811	0.00045	<0.00005	0.004	0.000077	<0.0005	1.13
BR01-4	HC-04															
BR01-4	HC-04	0.00059	<0.00001	<0.000005	<0.05	<0.00005	0.000017	2.91	<0.0001	0.000810	<0.00005	<0.00005	<0.001	0.000089	0.0008	1.29
BR01-4	HC-04															
BR01-4	HC-04	0.00020	<0.00001	<0.000005	<0.05	<0.00005	0.000017	1.36	<0.0001	0.000755	0.00008	<0.00005	<0.001	0.000008	0.0007	0.82
BR01-4	HC-04															
BR01-4	HC-04	0.00032	<0.00001	<0.000005	<0.05	<0.00005	0.000029	2.66	<0.0001	0.000915	0.00009	<0.00005	<0.001	0.000076	0.0009	1.49
BR01-4	HC-04															
BR01-4	HC-04	0.00035	<0.00001	<0.000005	<0.05	<0.00005	0.000022	2.49	<0.0001	0.00104	0.00008	<0.00005	<0.001	0.000011	0.0010	1.27
BR01-4	HC-04															
BR01-4	HC-04	0.00035	<0.00001	<0.000005	<0.05	<0.00005	0.000025	2.94	<0.0001	0.00113	0.00021	<0.00005	<0.001	0.000014	0.0006	1.52
BR01-4	HC-04															
BR01-4	HC-04	0.00030	<0.00001	<0.000005	<0.05	<0.00005	0.000022	2.59	<0.0001	0.00108	0.00007	<0.00005	<0.001	<0.000005	0.0008	1.36
BR01-4	HC-04															
BR01-4	HC-04	0.00197	<0.00001	<0.000005	<0.05	<0.00005	0.000027	2.85	<0.0001	0.00118	0.00266	<0.00005	<0.001	0.000009	0.0009	1.62
BR01-4	HC-04															
BR01-4	HC-04	0.00048	<0.00001	<0.000005	<0.05	<0.00005	0.000028	2.53	<0.0001	0.00124	0.00006	<0.00005	<0.001	0.000012	0.0008	1.27
BR01-4	HC-04															
BR01-4	HC-04	0.00058	<0.00001	<0.000005	<0.05	<0.00005	0.000032	1.86	<0.0001	0.00132	0.00008	<0.00005	<0.001	0.000034	0.0006	1.07
BR01-4	HC-04															
BR01-4	HC-04	0.00040	<0.00001	<0.000005	<0.05	<0.00005	0.000042	2.64	<0.0001	0.00165	0.00007	0.00006	<0.001	0.000007	0.0008	1.58
BR01-4	HC-04															
BR01-4	HC-04	0.00047	<0.00001	<0.000005	<0.05	<0.00005	0.000047	2.59	<0.0001	0.00177	0.00007	0.00007	<0.001	0.000040	0.0008	1.59
BR01-4	HC-04															
BR01-4	HC-04	0.00066	<0.00001	<0.000005	<0.05	<0.00005	0.000060	2.68	<0.0001	0.00206	0.00010	0.00007	<0.001	0.000010	0.0010	1.54
BR01-4	HC-04															
BR01-4	HC-04	0.00067	<0.00001	<0.000005	<0.05	<0.00005	0.000069	2.18	<0.0001	0.00244	0.00216	0.00010	0.003	0.000070	0.0008	1.41
BR01-4	HC-04															
BR01-4	HC-04	0.00090	<0.00001	<0.000005	<0.05	<0.00005	0.000066	1.87	<0.0001	0.00220	0.00007	<0.00005	<0.001	0.000011	0.0010	1.15
BR01-4	HC-04															
BR01-4	HC-04	0.00042	<0.00001	<0.000005	<0.05	<0.00005	0.000076	2.33	<0.0001	0.00282	0.00007	0.00019	<0.001	0.000042	0.0010	1.47
BR01-4	HC-04															
BR01-4	HC-04	0.00139	0.00001	<0.000005	<0.05	<0.00005	0.000099	2.42	<0.0001	0.00313	0.00009	0.00019	<0.001	0.000460	0.0011	1.82
BR01-4	HC-04															
BR01-4	HC-04	0.00050	<0.00001	<0.000005	<0.05	<0.00005	0.000095	2.72	<0.0001	0.00418	0.00126	0.00016	0.001	0.000008	0.0014	1.78
BR01-4	HC-04															
BR01-4	HC-04	0.00096	<0.00001	<0.000005	<0.05	<0.00005	0.000112	2.41	<0.0001	0.00523	0.00591	0.00024	0.006	0.000029	0.0013	1.65
BR01-4	HC-04															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR01-4	HC-04	0.00485	<0.00001	0.002	0.00102	0.00172	1.55	0.00329	0.00010	3.2	<0.000005	0.16	0.00554	<10	<0.00002	0.000006
BR01-4	HC-04															
BR01-4	HC-04	0.00603	<0.00001	<0.002	0.00083	0.00232	1.22	0.00234	0.00009	2.8	<0.000005	0.13	0.00473	<10	<0.00002	0.000004
BR01-4	HC-04															
BR01-4	HC-04	0.00743	<0.00001	0.002	0.00070	0.00322	0.89	0.00214	0.00005	1.7	<0.000005	0.11	0.00480	<10	<0.00002	0.000005
BR01-4	HC-04															
BR01-4	HC-04	0.0101	<0.00001	0.006	0.00088	0.00431	0.92	0.00240	0.00010	2.5	<0.000005	0.13	0.00587	<10	<0.00002	0.000006
BR01-4	HC-04															
BR01-4	HC-04	0.0110	<0.00001	0.011	0.00069	0.00451	1.09	0.00235	0.00008	2.6	<0.000005	0.15	0.00509	<10	<0.00002	0.000011
BR01-4	HC-04															
BR01-4	HC-04	0.00989	<0.00001	0.010	0.00039	0.00424	0.47	0.00110	0.00004	0.9	<0.000005	0.07	0.00313	<10	<0.00002	0.000004
BR01-4	HC-04															
BR01-4	HC-04	0.0141	<0.00001	0.022	0.00065	0.00650	0.82	0.00173	0.00008	1.7	<0.000005	0.14	0.00550	<10	<0.00002	0.000007
BR01-4	HC-04															
BR01-4	HC-04	0.0140	<0.00001	0.008	0.00066	0.00681	0.77	0.00167	0.00006	1.8	<0.000005	0.12	0.00497	<10	<0.00002	0.000006
BR01-4	HC-04															
BR01-4	HC-04	0.0142	<0.00001	0.027	0.00082	0.00748	0.92	0.00189	0.00009	2.4	0.000007	0.16	0.00594	<10	<0.00002	0.000007
BR01-4	HC-04															
BR01-4	HC-04	0.0132	<0.00001	0.004	0.00061	0.00690	0.86	0.00187	0.00009	2.3	<0.000005	0.15	0.00513	<10	<0.00002	0.000007
BR01-4	HC-04															
BR01-4	HC-04	0.0159	<0.00001	0.010	0.00073	0.00822	0.86	0.00206	0.00008	2.5	<0.000005	0.15	0.00609	<10	<0.00002	0.000008
BR01-4	HC-04															
BR01-4	HC-04	0.0146	0.00002	0.004	0.00061	0.00842	0.81	0.00167	0.00010	2.3	<0.000005	0.11	0.00528	<10	<0.00002	0.000009
BR01-4	HC-04															
BR01-4	HC-04	0.0149	<0.00001	0.018	0.00039	0.00947	0.60	0.00138	0.00008	1.6	<0.000005	0.10	0.00460	<10	<0.00002	0.000007
BR01-4	HC-04															
BR01-4	HC-04	0.0183	<0.00001	0.003	0.00049	0.0119	0.78	0.00193	0.00009	2.0	<0.000005	0.13	0.00587	<10	<0.00002	0.000009
BR01-4	HC-04															
BR01-4	HC-04	0.0187	<0.00001	0.005	0.00045	0.0140	0.79	0.00185	0.00009	2.3	<0.000005	0.13	0.00629	<10	<0.00002	0.000010
BR01-4	HC-04															
BR01-4	HC-04	0.0211	<0.00001	0.004	0.00047	0.0150	0.79	0.00192	0.00009	2.5	<0.000005	0.14	0.00696	<10	<0.00002	0.000009
BR01-4	HC-04															
BR01-4	HC-04	0.0234	<0.00001	0.004	0.00037	0.0179	0.79	0.00164	0.00007	2.2	<0.000005	0.14	0.00616	<10	<0.00002	0.000008
BR01-4	HC-04															
BR01-4	HC-04	0.0211	<0.00001	0.002	0.00025	0.0158	0.56	0.00137	0.00009	1.7	<0.000005	0.09	0.00474	<10	<0.00002	0.000007
BR01-4	HC-04															
BR01-4	HC-04	0.0243	<0.00001	<0.002	0.00028	0.0191	0.65	0.00154	0.00007	2.0	<0.000005	0.10	0.00607	<10	<0.00002	0.000007
BR01-4	HC-04															
BR01-4	HC-04	0.0250	<0.00001	<0.002	0.00045	0.0202	0.89	0.00192	0.00011	2.8	<0.000005	0.15	0.00681	<10	<0.00002	0.000015
BR01-4	HC-04															
BR01-4	HC-04	0.0294	<0.00001	0.008	0.00045	0.0231	0.97	0.00234	0.00011	3.3	<0.000005	0.15	0.00688	<10	<0.00002	0.000015
BR01-4	HC-04															
BR01-4	HC-04	0.0291	<0.00001	0.003	0.00035	0.0262	0.85	0.00211	0.00011	3.0	<0.000005	0.13	0.00673	<10	<0.00002	0.000011
BR01-4	HC-04															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00013	0.000036	0.0022	0.0006	<0.0001	<0.002				0.32	0.32	-0.31
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00010	0.000027	0.0012	0.0003	<0.0001	<0.002				0.28	0.29	-2.31
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00006	0.000020	0.0007	0.0001	<0.0001	<0.002				0.22	0.23	-3.08
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	0.0002	<0.0005	0.00006	0.000026	0.0006	0.0010	<0.0001	<0.002				0.27	0.27	-0.37
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00007	0.000018	0.0008	0.0004	<0.0001	<0.002				0.28	0.29	-1.41
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0002	<0.0001	<0.002				0.15	0.15	0.33
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000015	<0.0002	0.0013	<0.0001	<0.002				0.27	0.28	-1.98
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00003	0.000016	0.0003	0.0021	<0.0001	<0.002				0.27	0.25	3.79
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00004	0.000020	0.0004	0.0003	<0.0001	<0.002				0.29	0.30	-1.85
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00003	0.000016	0.0004	0.0003	<0.0001	<0.002				0.28	0.27	2.34
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00003	0.000017	0.0003	0.0008	<0.0001	<0.002				0.29	0.31	-3.39
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00003	0.000014	0.0003	0.0090	<0.0001	<0.002				0.26	0.26	-0.58
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000010	<0.0002	0.0016	<0.0001	<0.002				0.20	0.20	0.74
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000014	0.0003	0.0002	<0.0001	<0.002				0.28	0.29	-1.77
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00001	0.000011	0.0003	0.0004	<0.0001	<0.002				0.27	0.29	-3.80
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000014	<0.0002	0.0003	<0.0001	<0.002				0.27	0.29	-2.50
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000012	<0.0002	0.0008	<0.0001	<0.002				0.26	0.25	0.59
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00001	0.000010	<0.0002	0.0005	<0.0001	<0.002				0.15	0.21	-14.70
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	<0.00001	0.000011	<0.0002	0.0008	<0.0001	<0.002				0.203	0.259	-12.1
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00003	0.000013	<0.0002	0.0012	<0.0001	<0.002				0.282	0.301	-3.26
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000014	<0.0002	0.0008	<0.0001	<0.002				0.282	0.315	-5.53
BR01-4	HC-04															
BR01-4	HC-04	<0.000005	<0.0002	<0.0005	0.00002	0.000015	<0.0002	0.0014	<0.0001	<0.002				0.263	0.286	-4.19
BR01-4	HC-04															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
													RDL	n/a	n/a	n/a	0.5
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	0	25-Dec-12	750	520	8.17	560
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	1	01-Jan-13	500	480	8.14	300
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	2	08-Jan-13	500	475	8.13	270
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	3	15-Jan-13	500	470	8.10	221
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	4	22-Jan-13	500	470	8.12	208
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	5	29-Jan-13	500	475	8.06	199
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	6	05-Feb-13	500	490	8.00	162
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	7	12-Feb-13	500	470	7.97	169
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	8	19-Feb-13	500	485	8.01	172
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	9	26-Feb-13	500	485	8.02	188
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	10	05-Mar-13	500	465	7.97	172
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	11	12-Mar-13	500	495	7.98	185
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	12	19-Mar-13	500	475	7.94	167
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	13	26-Mar-13	500	490	7.89	146
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	14	02-Apr-13	500	450	7.89	127
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	15	09-Apr-13	500	460	7.95	166
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	16	16-Apr-13	500	480	7.91	150
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	17	23-Apr-13	500	490	7.90	147
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	18	30-Apr-13	500	475	7.86	147
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	19	07-May-13	500	470	7.78	136
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	20	14-May-13	500	490	7.57	136
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	21	21-May-13	500	445		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	22	28-May-13	500	485	7.68	150
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	23	04-Jun-13	500	490		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	24	11-Jun-13	500	490	7.82	130
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	25	18-Jun-13	500	500		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	26	25-Jun-13	500	455	7.84	158
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	27	02-Jul-13	500	495		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	28	09-Jul-13	500	485	7.79	141
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	29	16-Jul-13	500	495		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	30	23-Jul-13	500	485	7.77	154
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	31	30-Jul-13	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	32	06-Aug-13	500	455	7.81	149
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	33	13-Aug-13	500	460		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	34	20-Aug-13	500	400	7.72	148
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	35	27-Aug-13	500	460		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	36	03-Sep-13	500	470	7.68	161
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	37	10-Sep-13	500	465		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	38	17-Sep-13	500	485	7.48	153
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	39	24-Sep-13	500	460		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	40	01-Oct-13	500	495	7.73	156
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	41	08-Oct-13	500	475		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	42	15-Oct-13	500	495	7.65	139
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	43	22-Oct-13	500	485		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	44	29-Oct-13	500	475	7.59	170
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	45	05-Nov-13	500	475		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	46	12-Nov-13	500	480	7.54	160
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	47	19-Nov-13	500	470		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	48	26-Nov-13	500	470	7.60	156
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	49	03-Dec-13	500	490		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-4	HC-12	105	118	<0.5	3.5	84.8	0.51	0.147	19.6	<2	<0.5			46.6	0.0776	0.00062	0.00156
BR03-4	HC-12	100	38.8	<0.5	1.7	74.9	0.43	0.024	15.4	<2	<0.5			32.2	0.146	0.00055	0.00784
BR03-4	HC-12	100	49.4	<0.5	0.6	61.9	0.27	<0.01	1.2	<2	<0.5			40.0	0.167	0.00040	0.01100
BR03-4	HC-12	120	40.2	<0.5	<0.5	55.0	0.17	<0.01	<0.5	<2	<0.5			44.5	0.172	0.00030	0.01020
BR03-4	HC-12	135	33.6	<0.5	<0.5	51.9	0.12	<0.01	0.6	0.04	<0.005			46.2	0.161	0.00025	0.01130
BR03-4	HC-12	120	33.6	<0.5	<0.5	50.2	0.11	<0.01	0.6					49.2	0.147	0.00022	0.01160
BR03-4	HC-12	130	27.2	<0.5	<0.5	45.0	0.09	<0.01	0.6					45.3	0.152	0.00019	0.01300
BR03-4	HC-12	125	32.9	<0.5	<0.5	44.7	0.08	<0.01	0.8					49.9	0.160	0.00017	0.01500
BR03-4	HC-12	115	31.9	<0.5	0.6	44.4	0.06	<0.01	0.8					55.6	0.133	0.00016	0.01610
BR03-4	HC-12	110	41.5	<0.5	<0.5	41.8	0.06	<0.01	0.7					58.4	0.134	0.00013	0.01550
BR03-4	HC-12	130	34.2	<0.5	<0.5	42.5	0.06	<0.01	<0.5					54.3	0.128	0.00012	0.01510
BR03-4	HC-12	130	44.8	<0.5	<0.5	44.5	0.06	<0.01	0.8					66.4	0.094	0.00011	0.01600
BR03-4	HC-12	130	35.0	<0.5	<0.5	43.9	0.05	<0.01	0.5					61.0	0.106	0.00010	0.01700
BR03-4	HC-12	120	25.7	<0.5	<0.5	41.2	0.06	<0.01	0.9					54.1	0.094	0.00010	0.01540
BR03-4	HC-12	120	21.2	<0.5	0.6	36.4	<0.05	<0.01	<0.5					44.6	0.142	0.00007	0.01410
BR03-4	HC-12	125	35.7	<0.5	<0.5	36.3	<0.05	<0.01	0.6					59.5	0.122	0.00009	0.01780
BR03-4	HC-12	130	29.7	<0.5	<0.5	38.0	<0.05	<0.01	0.7					57.0	0.126	0.00008	0.01470
BR03-4	HC-12	120	32.7	<0.5	<0.5	37.2	<0.05	<0.01	0.7					55.5	0.116	0.00007	0.01320
BR03-4	HC-12	120	33.0	<0.5	0.6	35.8	<0.05	<0.01	0.8					57.5	0.107	0.00008	0.01390
BR03-4	HC-12	110	27.2	<0.5	0.6	35.1	<0.05	<0.01	0.9					51.3	0.111	0.00006	0.01290
BR03-4	HC-12	125	28.8	<0.5	<0.5	35.5	<0.05	<0.01	<0.5					52.8	0.0998	0.00006	0.01240
BR03-4	HC-12																
BR03-4	HC-12	130	28.6	<0.5	<0.5	38.1	<0.05	<0.01	0.8					56.3	0.0849	0.00005	0.01090
BR03-4	HC-12																
BR03-4	HC-12	120	26.1	<0.5	0.6	33.8	<0.05	<0.01	0.5					52.7	0.1060	0.00004	0.00949
BR03-4	HC-12																
BR03-4	HC-12	125	35.7	<0.5	<0.5	36.1	<0.05	<0.01	0.7					60.4	0.0871	0.00004	0.01070
BR03-4	HC-12																
BR03-4	HC-12	150	30.7	<0.5	0.5	34.9	<0.05	<0.01	0.9					56.7	0.0793	0.00004	0.00832
BR03-4	HC-12																
BR03-4	HC-12	130	36.0	<0.5	<0.5	34.9	<0.05	<0.01	0.6					59.9	0.0800	0.00004	0.00801
BR03-4	HC-12																
BR03-4	HC-12	130	36.6	<0.5	0.8	31.8	<0.05	<0.01	<0.5					57.3	0.0871	0.00003	0.00619
BR03-4	HC-12																
BR03-4	HC-12	120	38.1	<0.5	1.0	32.5	<0.05	<0.01	0.7					58.3	0.0696	0.00003	0.00578
BR03-4	HC-12																
BR03-4	HC-12	135	42.6	<0.5	<0.5	31.4	<0.05	<0.01	0.7					62.0	0.0828	0.00004	0.00482
BR03-4	HC-12																
BR03-4	HC-12	150	42.2	<0.5	1.8	29.3	<0.05	<0.01	0.8					63.6	0.0794	0.00003	0.00429
BR03-4	HC-12																
BR03-4	HC-12	130	40.8	<0.5	1.8	33.8	<0.05	<0.01	0.8					65.6	0.0612	0.00003	0.00371
BR03-4	HC-12																
BR03-4	HC-12	130	34.6	<0.5	<0.5	30.2	<0.05	<0.01	0.6					62.2	0.0590	0.00002	0.00422
BR03-4	HC-12																
BR03-4	HC-12	125	46.2	<0.5	<0.5	32.2	<0.05	<0.01	0.7					67.6	0.0621	0.00003	0.00402
BR03-4	HC-12																
BR03-4	HC-12	135	43.7	<0.5	0.6	32.9	<0.05	<0.01	<0.5					65.4	0.0585	0.00003	0.00364
BR03-4	HC-12																
BR03-4	HC-12	140	37.0	<0.5	<0.5	34.2	<0.05	<0.01	<0.5					64.9	0.0570	0.00002	0.00337
BR03-4	HC-12																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-4	HC-12	0.01420	<0.00001	<0.000005	0.09	0.00228	0.000006	6.35	<0.0001	0.000043	0.00110	<0.00005	0.010	0.000008	0.0121	7.46
BR03-4	HC-12	0.00505	<0.00001	<0.000005	0.09	0.00127	<0.000005	4.80	<0.0001	0.000054	0.00034	<0.00005	0.008	0.000022	0.0134	4.91
BR03-4	HC-12	0.00427	<0.00001	<0.000005	0.06	0.00100	<0.000005	5.85	<0.0001	0.000079	0.00030	<0.00005	0.016	0.000015	0.0131	6.16
BR03-4	HC-12	0.00402	<0.00001	<0.000005	<0.05	0.00076	<0.000005	6.70	0.0001	0.000075	0.00031	<0.00005	0.012	0.000016	0.0126	6.74
BR03-4	HC-12	0.00363	<0.00001	<0.000005	<0.05	0.00070	<0.000005	7.15	<0.0001	0.000107	0.00063	<0.00005	0.022	0.000024	0.0122	6.88
BR03-4	HC-12	0.00342	<0.00001	<0.000005	<0.05	0.00060	<0.000005	7.91	0.0001	0.000109	0.00031	<0.00005	0.011	0.000011	0.0116	7.15
BR03-4	HC-12	0.00286	<0.00001	<0.000005	<0.05	0.00046	<0.000005	7.13	<0.0001	0.000103	0.00024	<0.00005	0.015	0.000011	0.0113	6.66
BR03-4	HC-12	0.00331	<0.00001	<0.000005	<0.05	0.00049	<0.000005	8.15	<0.0001	0.000151	<0.00005	<0.00005	0.039	0.000018	0.0114	7.18
BR03-4	HC-12	0.00312	<0.00001	<0.000005	<0.05	0.00046	<0.000005	9.92	<0.0001	0.000157	0.00010	<0.00005	0.010	0.000034	0.0116	7.49
BR03-4	HC-12	0.00334	<0.00001	<0.000005	<0.05	0.00048	<0.000005	9.99	0.0001	0.000178	0.00020	<0.00005	0.006	0.000005	0.0110	8.11
BR03-4	HC-12	0.00307	<0.00001	<0.000005	<0.05	0.00039	<0.000005	9.41	<0.0001	0.000191	0.00043	<0.00005	0.021	0.000018	0.0109	7.49
BR03-4	HC-12	0.00345	<0.00001	<0.000005	<0.05	0.00037	<0.000005	11.8	0.0001	0.000252	0.00016	<0.00005	0.005	0.000006	0.0107	8.99
BR03-4	HC-12	0.00294	<0.00001	<0.000005	<0.05	0.00036	<0.000005	10.8	0.0001	0.000197	0.00014	<0.00005	0.006	0.000009	0.0099	8.26
BR03-4	HC-12	0.00617	<0.00001	<0.000005	<0.05	0.00033	<0.000005	9.76	<0.0001	0.000221	0.00013	<0.00005	0.008	0.000008	0.0094	7.21
BR03-4	HC-12	0.00229	<0.00001	<0.000005	<0.05	0.00027	<0.000005	7.91	<0.0001	0.000179	0.00016	<0.00005	0.056	0.000021	0.0076	6.02
BR03-4	HC-12	0.00294	<0.00001	<0.000005	<0.05	0.00032	<0.000005	10.8	<0.0001	0.000194	0.00023	<0.00005	0.006	0.000006	0.0088	7.91
BR03-4	HC-12	0.00261	<0.00001	<0.000005	<0.05	0.00029	<0.000005	10.4	<0.0001	0.000197	0.00011	<0.00005	0.008	0.000017	0.0086	7.55
BR03-4	HC-12	0.00246	<0.00001	<0.000005	<0.05	0.00024	<0.000005	10.1	<0.0001	0.000207	0.00008	<0.00005	0.009	0.000009	0.0083	7.38
BR03-4	HC-12	0.00252	<0.00001	<0.000005	<0.05	0.00025	0.000005	10.6	<0.0001	0.000251	0.00014	<0.00005	0.016	<0.000005	0.0084	7.51
BR03-4	HC-12	0.00231	<0.00001	<0.000005	<0.05	0.00023	<0.000005	9.56	0.0001	0.000198	0.00009	<0.00005	0.009	0.000021	0.0077	6.66
BR03-4	HC-12	0.00225	<0.00001	<0.000005	<0.05	0.00021	<0.000005	9.69	<0.0001	0.000215	0.00013	<0.00005	0.008	0.000012	0.0077	6.94
BR03-4	HC-12															
BR03-4	HC-12	0.00302	<0.00001	<0.000005	<0.05	0.00022	<0.000005	10.7	<0.0001	0.000221	<0.00005	<0.00005	0.004	0.000008	0.0074	7.15
BR03-4	HC-12															
BR03-4	HC-12	0.00203	<0.00001	<0.000005	<0.05	0.00022	<0.000005	9.84	<0.0001	0.000198	0.00006	<0.00005	0.004	0.000011	0.0067	6.84
BR03-4	HC-12															
BR03-4	HC-12	0.00259	<0.00001	<0.000005	<0.05	0.00020	<0.000005	11.5	0.0002	0.000217	0.00007	<0.00005	0.001	0.000007	0.0076	7.73
BR03-4	HC-12															
BR03-4	HC-12	0.00229	<0.00001	<0.000005	<0.05	0.00018	<0.000005	10.9	0.0001	0.000206	0.00011	<0.00005	0.004	0.000014	0.0066	7.17
BR03-4	HC-12															
BR03-4	HC-12	0.00236	<0.00001	<0.000005	<0.05	0.00021	<0.000005	11.3	0.0002	0.000227	0.00006	<0.00005	0.005	0.000006	0.0076	7.71
BR03-4	HC-12															
BR03-4	HC-12	0.00225	<0.00001	<0.000005	<0.05	0.00018	<0.000005	10.7	<0.0001	0.000184	<0.00005	<0.00005	0.003	0.000005	0.0065	7.42
BR03-4	HC-12															
BR03-4	HC-12	0.00207	<0.00001	<0.000005	<0.05	0.00016	<0.000005	11.3	<0.0001	0.000203	0.00019	<0.00005	<0.001	0.000079	0.0063	7.32
BR03-4	HC-12															
BR03-4	HC-12	0.00243	<0.00001	<0.000005	<0.05	0.00019	<0.000005	12.0	<0.0001	0.000229	0.00012	<0.00005	0.002	0.000015	0.0055	7.77
BR03-4	HC-12															
BR03-4	HC-12	0.00221	<0.00001	<0.000005	<0.05	0.00016	<0.000005	12.3	<0.0001	0.000232	0.00015	<0.00005	0.001	<0.000005	0.0057	7.95
BR03-4	HC-12															
BR03-4	HC-12	0.00231	<0.00001	<0.000005	<0.05	0.00017	<0.000005	12.8	<0.0001	0.000213	0.00010	<0.00005	0.003	0.000022	0.0065	8.17
BR03-4	HC-12															
BR03-4	HC-12	0.00196	<0.00001	<0.000005	<0.05	0.00015	<0.000005	12.7	<0.0001	0.000182	0.00013	<0.00005	0.001	0.000014	0.0064	7.42
BR03-4	HC-12															
BR03-4	HC-12	0.00242	<0.00001	<0.000005	<0.05	0.00019	<0.000005	12.4	<0.0001	0.000261	0.00011	<0.00005	0.001	<0.000005	0.0073	8.91
BR03-4	HC-12															
BR03-4	HC-12	0.00245	<0.00001	<0.000005	<0.05	0.00017	<0.000005	12.8	<0.0001	0.000206	0.00011	<0.00005	0.001	0.000012	0.0066	8.08
BR03-4	HC-12															
BR03-4	HC-12	0.00196	<0.00001	<0.000005	<0.05	0.00016	<0.000005	12.9	<0.0001	0.000209	0.00008	<0.00005	<0.001	0.000084	0.0057	7.96
BR03-4	HC-12															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-4	HC-12	0.00413	<0.00001	0.021	0.02060	0.00148	87.10	0.08640	0.00079	1.6	0.000008	34.50	0.0650	53	<0.00002	0.000009
BR03-4	HC-12	0.00314	<0.00001	<0.002	0.01090	0.00081	49.20	0.04860	0.00035	2.1	0.000044	15.10	0.0318	25	<0.00002	0.000004
BR03-4	HC-12	0.00304	<0.00001	0.003	0.00391	0.00066	40.60	0.04060	0.00039	2.3	<0.000005	8.46	0.0338	18	<0.00002	0.000003
BR03-4	HC-12	0.00340	<0.00001	0.002	0.00195	0.00057	32.30	0.03170	0.00036	2.3	<0.000005	4.71	0.0322	15	<0.00002	0.000002
BR03-4	HC-12	0.00391	<0.00001	0.019	0.00163	0.00048	26.30	0.02730	0.00037	2.4	<0.000005	3.03	0.0322	14	<0.00002	0.000003
BR03-4	HC-12	0.00423	<0.00001	0.011	0.00152	0.00062	22.40	0.02390	0.00044	2.4	<0.000005	2.02	0.0320	13	<0.00002	0.000004
BR03-4	HC-12	0.00439	<0.00001	0.008	0.00106	0.00025	19.20	0.01820	0.00032	2.3	<0.000005	1.45	0.0271	<10	<0.00002	0.000003
BR03-4	HC-12	0.00503	0.00001	0.002	0.00127	0.00026	16.90	0.01870	0.00042	2.4	<0.000005	1.17	0.0293	12	<0.00002	<0.000002
BR03-4	HC-12	0.00610	<0.00001	0.008	0.00136	0.00022	16.40	0.01740	0.00011	3.1	<0.000005	1.03	0.0290	12	<0.00002	0.000003
BR03-4	HC-12	0.00706	<0.00001	0.007	0.00188	0.00027	15.60	0.01770	0.00021	2.2	<0.000005	0.87	0.0330	15	<0.00002	0.000002
BR03-4	HC-12	0.00701	<0.00001	<0.002	0.00159	0.00019	13.80	0.01470	0.00022	2.3	<0.000005	0.71	0.0286	12	<0.00002	0.000003
BR03-4	HC-12	0.00953	<0.00001	0.009	0.00197	0.00035	14.30	0.01560	0.00014	2.7	<0.000005	0.70	0.0340	14	0.00003	0.000003
BR03-4	HC-12	0.00792	<0.00001	0.005	0.00148	0.00022	13.10	0.01380	0.00024	2.5	<0.000005	0.61	0.0295	12	<0.00002	0.000003
BR03-4	HC-12	0.00945	<0.00001	<0.002	0.00106	0.00019	11.10	0.01220	0.00015	2.4	<0.000005	0.48	0.0250	<10	<0.00002	0.000004
BR03-4	HC-12	0.00800	<0.00001	0.002	0.00095	0.00016	9.12	0.00954	0.00010	2.1	<0.000005	0.36	0.0202	<10	<0.00002	0.000004
BR03-4	HC-12	0.00840	<0.00001	0.004	0.00157	0.00020	11.20	0.01220	0.00019	2.1	<0.000005	0.44	0.0271	14	<0.00002	0.000002
BR03-4	HC-12	0.00787	<0.00001	<0.002	0.00116	0.00017	10.40	0.01130	0.00011	2.1	<0.000005	0.39	0.0253	11	<0.00002	<0.000002
BR03-4	HC-12	0.00795	<0.00001	<0.002	0.00103	0.00018	9.26	0.01000	0.00023	1.9	<0.000005	0.35	0.0242	11	<0.00002	0.000003
BR03-4	HC-12	0.00846	<0.00001	0.003	0.00102	0.00037	8.83	0.00969	0.00009	2.1	<0.000005	0.34	0.0246	12	<0.00002	0.000006
BR03-4	HC-12	0.00799	<0.00001	<0.002	0.00095	0.00019	7.94	0.00906	0.00013	1.8	<0.000005	0.28	0.0207	11	<0.00002	<0.000002
BR03-4	HC-12	0.00796	<0.00001	0.006	0.00100	0.00048	7.59	0.00890	0.00013	1.9	<0.000005	0.29	0.0207	11	<0.00002	<0.000002
BR03-4	HC-12															
BR03-4	HC-12	0.00918	0.00002	0.003	0.00122	0.00025	7.80	0.00896	0.00012	2.0	<0.000005	0.25	0.0217	12	<0.00002	0.000002
BR03-4	HC-12															
BR03-4	HC-12	0.00873	0.00001	<0.002	0.00102	0.00031	6.82	0.00792	0.00012	1.9	<0.000005	0.23	0.0184	10	<0.00002	0.000002
BR03-4	HC-12															
BR03-4	HC-12	0.0103	<0.00001	0.022	0.00132	0.00025	7.17	0.00819	0.00013	2.1	<0.000005	0.25	0.0217	13	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.00986	<0.00001	0.002	0.00095	0.00025	6.21	0.00720	0.00009	2.2	<0.000005	0.20	0.0175	11	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0121	<0.00001	0.004	0.00125	0.00031	6.77	0.00795	0.00014	1.9	<0.000005	0.22	0.0199	13	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0106	<0.00001	0.003	0.00122	0.00014	5.90	0.00715	0.00011	1.6	<0.000005	0.18	0.0176	13	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0109	<0.00001	0.003	0.00115	0.00018	5.98	0.00717	0.00010	1.7	<0.000005	0.19	0.0176	12	<0.00002	0.000002
BR03-4	HC-12															
BR03-4	HC-12	0.0138	<0.00001	0.004	0.00110	0.00021	6.25	0.00762	0.00012	1.4	0.000008	0.17	0.0198	15	<0.00002	0.000005
BR03-4	HC-12															
BR03-4	HC-12	0.0137	<0.00001	0.009	0.00089	0.00017	5.45	0.00676	0.00013	1.6	<0.000005	0.18	0.0177	14	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0132	<0.00001	0.004	0.00085	0.00019	5.94	0.00684	0.00013	1.7	<0.000005	0.19	0.0180	15	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0116	<0.00001	<0.002	0.00070	0.00021	5.58	0.00615	0.00008	1.9	<0.000005	0.17	0.0153	13	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0165	<0.00001	0.003	0.00087	0.00021	5.92	0.00747	0.00011	1.6	<0.000005	0.17	0.0193	15	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0166	<0.00001	0.015	0.00089	0.00041	5.11	0.00683	0.00011	1.7	<0.000005	0.17	0.0182	13	<0.00002	0.000005
BR03-4	HC-12															
BR03-4	HC-12	0.0167	<0.00001	0.010	0.00070	0.00019	5.28	0.00668	0.00011	1.7	<0.000005	0.14	0.0149	13	<0.00002	0.000003
BR03-4	HC-12															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-4	HC-12	<0.000005	0.0007	<0.0005	0.00487	0.000337	0.0005	0.0004	<0.0001	<0.002				4.74	4.67	0.75
BR03-4	HC-12	<0.000005	0.0004	<0.0005	0.00561	0.000412	0.0006	0.0005	<0.0001	<0.002				2.76	2.58	3.45
BR03-4	HC-12	<0.000005	0.0004	<0.0005	0.00458	0.000631	0.0009	0.0002	<0.0001	<0.002				2.32	2.23	1.98
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00275	0.000644	0.0008	0.0002	<0.0001	<0.002				1.95	1.94	0.15
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00217	0.000640	0.0011	0.0005	<0.0001	<0.002				1.76	1.75	0.43
BR03-4	HC-12	<0.000005	0.0001	<0.0005	0.00146	0.000792	0.0010	0.0004	<0.0001	<0.002				1.73	1.66	1.98
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00098	0.000572	0.0009	0.0003	<0.0001	0.002				1.49	1.48	0.44
BR03-4	HC-12	<0.000005	0.0002	0.0005	0.00094	0.000804	0.0010	0.0002	<0.0001	<0.002				1.61	1.50	3.41
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00073	0.000965	0.0010	0.0005	<0.0001	<0.002				1.58	1.59	-0.38
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00049	0.001420	0.0009	0.0002	<0.0001	<0.002				1.72	1.62	3.08
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00052	0.001060	0.0011	0.0004	<0.0001	<0.002				1.57	1.48	2.75
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00043	0.001480	0.0011	0.0002	<0.0001	<0.002				1.85	1.73	3.18
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00045	0.001020	0.0010	0.0002	<0.0001	<0.002				1.63	1.59	0.99
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00046	0.000722	0.0012	0.0008	<0.0001	<0.002				1.39	1.40	-0.36
BR03-4	HC-12	<0.000005	0.0003	0.0010	0.00033	0.000618	0.0009	0.0003	<0.0001	<0.002				1.17	1.16	0.52
BR03-4	HC-12	<0.000005	0.0008	<0.0005	0.00032	0.001360	0.0010	0.0004	<0.0001	<0.002				1.49	1.51	-0.67
BR03-4	HC-12	<0.000005	0.0005	<0.0005	0.00030	0.001150	0.0010	0.0002	0.0002	<0.002				1.40	1.44	-1.31
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00033	0.001100	0.0009	<0.0001	<0.0001	<0.002				1.44	1.37	2.45
BR03-4	HC-12	<0.000005	0.0005	<0.0005	0.00030	0.001260	0.0010	0.0001	<0.0001	<0.002				1.42	1.40	0.78
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00024	0.000939	0.0012	0.0002	<0.0001	<0.002				1.29	1.25	1.53
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00026	0.000996	0.0005	0.0007	<0.0001	<0.002				1.31	1.27	1.47
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00021	0.001200	0.0007	0.0005	<0.0001	<0.002				1.38	1.35	1.28
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00031	0.000877	0.0006	<0.0001	<0.0001	<0.002				1.24	1.25	-0.64
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0004	<0.0005	0.00022	0.001290	0.0006	0.0002	<0.0001	<0.002				1.49	1.41	2.52
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0006	<0.0005	0.00019	0.000894	0.0006	<0.0001	<0.0001	<0.002				1.36	1.31	1.95
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0006	<0.0005	0.00017	0.001160	0.0006	0.0002	<0.0001	<0.002				1.46	1.39	2.63
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00012	0.000925	0.0004	0.0001	<0.0001	<0.002				1.40	1.31	3.17
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00011	0.000876	0.0004	0.0004	<0.0001	<0.002				1.46	1.33	4.58
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0016	<0.0005	0.00013	0.001180	0.0004	0.0006	<0.0001	<0.002				1.54	1.42	4.03
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0004	<0.0005	0.00012	0.000918	<0.0002	0.0003	<0.0001	<0.002				1.49	1.43	2.03
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00010	0.000874	0.0002	0.0001	<0.0001	<0.002				1.55	1.48	2.28
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00011	0.000714	0.0003	0.0001	<0.0001	<0.002				1.34	1.40	-2.15
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00011	0.000951	0.0003	0.0001	<0.0001	<0.002				1.63	1.52	3.47
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00010	0.000865	0.0003	0.0005	<0.0001	<0.002				1.57	1.45	3.91
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00010	0.000660	0.0004	0.0001	<0.0001	<0.002				1.46	1.45	0.34
BR03-4	HC-12															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	50	10-Dec-13	500	480	7.49	171
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	51	17-Dec-13	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	52	24-Dec-13	500	465	7.88	178
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	53	31-Dec-13	500	460		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	54	07-Jan-14	500	495	7.62	143
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	55	14-Jan-14	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	56	21-Jan-14	500	460	7.63	149
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	57	28-Jan-14	500	495		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	58	04-Feb-14	500	455	7.62	182
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	59	11-Feb-14	500	470		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	60	18-Feb-14	500	480	7.67	166
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	61	25-Feb-14	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	62	04-Mar-14	500	480	7.75	160
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	63	11-Mar-14	500	455		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	64	18-Mar-14	500	490	7.66	157
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	65	25-Mar-14	500	465		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	66	01-Apr-14	500	475	7.75	168
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	67	08-Apr-14	500	475		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	68	15-Apr-14	500	460	7.59	165
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	69	22-Apr-14	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	70	29-Apr-14	500	455	7.72	172
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	71	06-May-14	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	72	13-May-14	500	485	7.62	140
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	73	20-May-14	500	480		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	74	27-May-14	500	470	7.73	184
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	75	03-Jun-14	500	485		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	76	10-Jun-14	500	485	7.65	126
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	77	17-Jun-14	500	460		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	78	24-Jun-14	500	500	7.56	130
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	79	01-Jul-14	500	460		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	80	08-Jul-14	500	475	7.58	194
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	81	15-Jul-14	500	465		
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	82	22-Jul-14	500	480	7.70	196
BR03-4	HC-12	Umwelt	Mudstone	10GSE127	43.23	45.00	0.80	0.53	0.11	29.30	3.59	83	29-Jul-14	500	465		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	0	25-Dec-12	750	265	8.49	469
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	1	01-Jan-13	500	450	8.12	234
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	2	08-Jan-13	500	480	8.19	188
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	3	15-Jan-13	500	485	8.04	144
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	4	22-Jan-13	500	475	8.03	138
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	5	29-Jan-13	500	480	8.00	123
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	6	05-Feb-13	500	465	8.01	118
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	7	12-Feb-13	500	470	7.95	113
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	8	19-Feb-13	500	475	8.02	110

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-4	HC-12	130	47.4	<0.5	<0.5	33.4	<0.05	<0.01	0.5					71.9	0.0557	0.00002	0.00326
BR03-4	HC-12																
BR03-4	HC-12	130	47.3	<0.5	0.9	35.3	<0.05	<0.01	<0.5					71.6	0.0494	0.00002	0.00293
BR03-4	HC-12																
BR03-4	HC-12	130	38.0	<0.5	<0.5	30.2	<0.05	<0.01	<0.5					58.5	0.0625	0.00002	0.00259
BR03-4	HC-12																
BR03-4	HC-12	125	39.6	<0.5	0.6	28.8	<0.05	<0.01	<0.5					64.3	0.0536	<0.00002	0.00246
BR03-4	HC-12																
BR03-4	HC-12	130	57.3	<0.5	0.8	31.6	<0.05	<0.01	0.7					77.9	0.0527	0.00002	0.00252
BR03-4	HC-12																
BR03-4	HC-12	130	46.5	<0.5	<0.5	32.4	<0.05	<0.01	<0.5					69.9	0.0514	<0.00002	0.00253
BR03-4	HC-12																
BR03-4	HC-12	130	38.3	<0.5	<0.5	35.7	<0.05	<0.01	<0.5					64.1	0.0450	<0.00002	0.00224
BR03-4	HC-12																
BR03-4	HC-12	140	47.0	<0.5	<0.5	30.3	<0.05	<0.01	<0.5					62.4	0.0429	<0.00002	0.00205
BR03-4	HC-12																
BR03-4	HC-12	130	48.9	<0.5	<0.5	28.0	<0.05	<0.01	0.6					69.8	0.0506	<0.00002	0.00166
BR03-4	HC-12																
BR03-4	HC-12	130	48.7	<0.5	<0.5	25.5	<0.05	<0.01	<0.5					68.9	0.0544	<0.00002	0.00149
BR03-4	HC-12																
BR03-4	HC-12	145	49.8	<0.5	0.5	29.7	<0.05	<0.01	<0.5					72.1	0.0469	<0.00002	0.00154
BR03-4	HC-12																
BR03-4	HC-12	120	36.2	<0.5	<0.5	25.7	<0.05	<0.01	<0.5					58.9	0.0462	<0.00002	0.00102
BR03-4	HC-12																
BR03-4	HC-12	120	48.2	<0.5	<0.5	33.4	<0.05	<0.01	<0.5					76.9	0.0349	<0.00002	0.00127
BR03-4	HC-12																
BR03-4	HC-12	130	27.7	<0.5	<0.5	28.0	<0.05	<0.01	0.9					54.6	0.0450	<0.00002	0.00093
BR03-4	HC-12																
BR03-4	HC-12	135	30.4	<0.5	1.3	26.9	<0.05	<0.01	<0.5					53.9	0.0376	<0.00002	0.00061
BR03-4	HC-12																
BR03-4	HC-12	130	62.7	<0.5	<0.5	25.2	<0.05	<0.01	<0.5					81.1	0.0268	<0.00002	0.00067
BR03-4	HC-12																
BR03-4	HC-12	130	59.7	<0.5	<0.5	26.9	<0.05	<0.01	0.5					82.5	0.0395	<0.00002	0.00077
BR03-4	HC-12																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-5	HC-13	90.0	21.3	<0.5	<0.5	135.5	1.30	0.215	27.4	<2	<0.5			25.1	0.0870	0.00531	0.00960
BR03-5	HC-13	100	14.3	<0.5	1.4	79.8	0.68	0.018	6.1	<2	<0.5			23.4	0.218	0.00666	0.159
BR03-5	HC-13	100	10.6	<0.5	1.0	64.8	0.32	<0.01	2.6	<2	<0.5			29.6	0.237	0.00348	0.352
BR03-5	HC-13	115	8.9	<0.5	<0.5	54.1	0.18	<0.01	1.4	<2	<0.5			32.3	0.267	0.00210	0.599
BR03-5	HC-13	140	6.1	<0.5	<0.5	50.1	<0.05	<0.01	<0.5	<0.02	<0.005			36.3	0.237	0.00164	0.766
BR03-5	HC-13	120	6.8	<0.5	<0.5	46.5	0.10	<0.01	1.2					35.4	0.258	0.00110	0.854
BR03-5	HC-13	130	7.7	<0.5	<0.5	47.7	0.08	<0.01	0.9					40.3	0.254	0.00090	0.852
BR03-5	HC-13	115	7.6	<0.5	<0.5	47.7	0.07	<0.01	0.8					41.3	0.252	0.00093	0.976
BR03-5	HC-13	110	6.4	<0.5	<0.5	46.4	0.06	<0.01	0.7					47.1	0.265	0.00090	1.010

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-4	HC-12	0.00228	<0.00001	<0.000005	<0.05	0.00018	<0.000005	14.3	<0.0001	0.000225	0.00016	<0.00005	0.004	0.000005	0.0064	8.81
BR03-4	HC-12															
BR03-4	HC-12	0.00236	<0.00001	<0.000005	<0.05	0.00019	<0.000005	14.1	<0.0001	0.000173	<0.00005	<0.00005	0.001	0.000005	0.0069	8.85
BR03-4	HC-12															
BR03-4	HC-12	0.00191	<0.00001	<0.000005	<0.05	0.00015	<0.000005	11.5	<0.0001	0.000165	0.00007	<0.00005	0.002	<0.000005	0.0058	7.23
BR03-4	HC-12															
BR03-4	HC-12	0.00227	<0.00001	<0.000005	<0.05	0.00014	<0.000005	13.0	<0.0001	0.000188	0.00012	<0.00005	0.006	0.000013	0.0050	7.74
BR03-4	HC-12															
BR03-4	HC-12	0.00244	<0.00001	<0.000005	<0.05	0.00018	<0.000005	15.6	<0.0001	0.000229	0.00010	<0.00005	0.001	<0.000005	0.0062	9.43
BR03-4	HC-12															
BR03-4	HC-12	0.00208	<0.00001	<0.000005	<0.05	0.00016	<0.000005	13.9	<0.0001	0.000204	0.00010	<0.00005	<0.001	<0.000005	0.0059	8.51
BR03-4	HC-12															
BR03-4	HC-12	0.00208	<0.00001	<0.000005	<0.05	0.00014	<0.000005	13.1	<0.0001	0.000198	0.00006	<0.00005	0.002	<0.000005	0.0054	7.62
BR03-4	HC-12															
BR03-4	HC-12	0.00204	<0.00001	<0.000005	<0.05	0.00014	<0.000005	12.6	<0.0001	0.000206	0.00021	<0.00005	0.002	0.000009	0.0055	7.49
BR03-4	HC-12															
BR03-4	HC-12	0.00231	<0.00001	<0.000005	<0.05	0.00015	<0.000005	13.9	<0.0001	0.000207	0.00006	<0.00005	0.002	<0.000005	0.0053	8.51
BR03-4	HC-12															
BR03-4	HC-12	0.00231	<0.00001	<0.000005	<0.05	0.00015	<0.000005	13.8	<0.0001	0.000202	0.00008	<0.00005	0.002	<0.000005	0.0054	8.33
BR03-4	HC-12															
BR03-4	HC-12	0.00233	<0.00001	<0.000005	<0.05	0.00016	<0.000005	14.5	<0.0001	0.000209	0.00035	<0.00005	0.004	<0.000005	0.0057	8.70
BR03-4	HC-12															
BR03-4	HC-12	0.00181	<0.00001	<0.000005	<0.05	0.00012	0.000010	11.7	<0.0001	0.000155	0.00050	<0.00005	0.004	<0.000005	0.0047	7.19
BR03-4	HC-12															
BR03-4	HC-12	0.00258	<0.00001	<0.000005	<0.05	0.00016	<0.000005	15.5	<0.0001	0.000202	0.00008	<0.00005	<0.001	<0.000005	0.0057	9.24
BR03-4	HC-12															
BR03-4	HC-12	0.00171	<0.00001	<0.000005	<0.05	0.00013	<0.000005	11.3	<0.0001	0.000136	0.00010	<0.00005	<0.001	<0.000005	0.0046	6.37
BR03-4	HC-12															
BR03-4	HC-12	0.00185	<0.00001	<0.000005	<0.05	0.00013	<0.000005	10.7	<0.0001	0.000136	0.00009	<0.00005	0.003	0.000009	0.0045	6.62
BR03-4	HC-12															
BR03-4	HC-12	0.00306	<0.00001	<0.000005	<0.05	0.00017	<0.000005	16.2	<0.0001	0.000206	0.00008	<0.00005	0.002	<0.000005	0.0058	9.85
BR03-4	HC-12															
BR03-4	HC-12	0.00294	<0.00001	<0.000005	<0.05	0.00017	<0.000005	16.6	<0.0001	0.000198	0.00008	<0.00005	0.028	<0.000005	0.0055	9.99
BR03-4	HC-12															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-5	HC-13	0.00765	<0.00001	<0.000005	0.13	0.00089	0.000024	6.08	0.0002	0.000231	0.00293	<0.00005	0.009	0.000101	0.0038	2.41
BR03-5	HC-13	0.00304	<0.00001	<0.000005	0.12	0.00041	<0.000005	6.28	0.0005	0.000035	0.00022	<0.00005	0.001	0.000042	0.0039	1.88
BR03-5	HC-13	0.00231	<0.00001	<0.000005	0.07	0.00026	<0.000005	8.15	0.0006	0.000076	0.00012	<0.00005	0.002	0.000031	0.0040	2.25
BR03-5	HC-13	0.00194	<0.00001	0.000014	0.05	0.00020	<0.000005	9.26	0.0006	0.000099	0.00025	<0.00005	0.002	0.000034	0.0039	2.23
BR03-5	HC-13	0.00192	<0.00001	<0.000005	<0.05	<0.0003	<0.000005	10.7	0.0006	0.000121	0.00009	<0.00005	0.006	0.000046	0.0083	2.32
BR03-5	HC-13	0.00140	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	10.4	<0.0005	0.000180	<0.0003	<0.0003	<0.005	<0.00003	<0.003	2.30
BR03-5	HC-13	0.00150	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	12.0	<0.0005	0.000190	<0.0003	<0.0003	0.010	0.000060	0.0030	2.50
BR03-5	HC-13	0.00124	<0.00001	<0.000005	<0.05	0.00009	<0.000005	12.8	0.0004	0.000164	<0.00005	<0.00005	0.002	0.000047	0.0029	2.24
BR03-5	HC-13	0.00110	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	14.9	<0.0005	0.000240	<0.0003	<0.0003	0.011	0.000270	<0.003	2.40

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-4	HC-12	0.0190	<0.00001	0.009	0.00073	0.00014	5.89	0.00722	0.00013	1.8	<0.000005	0.15	0.0163	17	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0178	<0.00001	0.021	0.00081	0.00029	5.55	0.00735	0.00013	1.8	<0.000005	0.17	0.0171	15	<0.00002	0.000005
BR03-4	HC-12															
BR03-4	HC-12	0.0152	<0.00001	0.011	0.00064	0.00023	4.73	0.00612	0.00013	1.5	<0.000005	0.14	0.0126	11	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0167	<0.00001	0.023	0.00076	0.00018	4.88	0.00593	0.00010	1.6	<0.000005	0.14	0.0133	13	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0206	<0.00001	0.005	0.00091	0.00016	5.67	0.00730	0.00014	1.6	<0.000005	0.14	0.0163	18	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0180	<0.00001	0.004	0.00077	0.00013	5.28	0.00657	0.00015	1.7	<0.000005	0.13	0.0153	15	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0189	<0.00001	0.004	0.00078	0.00025	4.90	0.00610	0.00009	1.6	<0.000005	0.11	0.0133	13	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0190	<0.00001	0.013	0.00077	0.00035	4.68	0.00601	0.00013	1.4	<0.000005	0.12	0.0130	13	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0207	<0.00001	0.004	0.00083	0.00013	4.83	0.00637	0.00011	1.4	<0.000005	0.11	0.0130	15	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0205	<0.00001	0.002	0.00088	0.00022	4.63	0.00611	0.00013	1.3	<0.000005	0.10	0.0129	17	<0.00002	0.000005
BR03-4	HC-12															
BR03-4	HC-12	0.0209	<0.00001	<0.002	0.00074	0.00017	5.06	0.00620	0.00013	1.4	<0.000005	0.11	0.0137	17	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0157	<0.00001	0.007	0.00062	0.00024	3.64	0.00537	0.00009	1.1	0.000007	0.09	0.0103	12	<0.00002	0.000003
BR03-4	HC-12															
BR03-4	HC-12	0.0206	<0.00001	0.003	0.00081	0.00026	4.55	0.00656	0.00012	1.5	<0.000005	0.11	0.0132	16	<0.00002	0.000004
BR03-4	HC-12															
BR03-4	HC-12	0.0131	0.00001	<0.002	0.00053	0.00010	3.68	0.00535	0.00006	1.3	<0.000005	0.08	0.00850	10	<0.00002	0.000002
BR03-4	HC-12															
BR03-4	HC-12	0.0165	<0.00001	0.006	0.00049	0.00020	3.61	0.00513	0.00008	1.0	<0.000005	0.08	0.00828	10	<0.00002	0.000002
BR03-4	HC-12															
BR03-4	HC-12	0.0198	<0.00001	0.006	0.00054	0.00021	4.57	0.00674	0.00017	1.1	<0.000005	0.11	0.0135	21	<0.00002	0.000005
BR03-4	HC-12															
BR03-4	HC-12	0.0172	<0.00001	0.003	0.00065	0.00041	4.67	0.00668	0.00011	1.4	<0.000005	0.10	0.0126	21	0.00002	0.000004
BR03-4	HC-12															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-5	HC-13	0.00429	<0.00001	0.074	0.03480	0.00436	85.00	0.121	0.00067	2.3	<0.000005	31.40	0.0433	<10	<0.00002	0.000035
BR03-5	HC-13	0.00254	<0.00001	0.005	0.01610	0.00048	45.80	0.0649	0.00149	2.5	<0.000005	9.18	0.0293	<10	<0.00002	0.000017
BR03-5	HC-13	0.00696	<0.00001	0.007	0.00486	0.00036	31.70	0.0487	0.00155	2.7	<0.000005	3.77	0.0288	<10	<0.00002	0.000014
BR03-5	HC-13	0.0109	<0.00001	<0.002	0.00300	0.00030	22.60	0.0346	0.00147	2.7	<0.000005	2.04	0.0262	<10	<0.00002	0.000010
BR03-5	HC-13	0.0134	<0.00001	<0.002	0.00304	0.00042	18.50	0.0302	0.00051	2.7	<0.000005	1.38	0.0280	<10	<0.00002	0.000010
BR03-5	HC-13	0.0103	<0.00005	0.020	0.00220	0.00060	14.40	0.0231	0.00080	2.9	<0.00003	1.00	0.0237	<50	<0.0001	<0.00001
BR03-5	HC-13	0.0158	<0.00005	0.010	0.00240	0.00050	11.50	0.0174	0.00100	2.6	<0.00003	0.70	0.0259	<50	<0.0001	<0.00001
BR03-5	HC-13	0.0165	0.00006	0.002	0.00204	0.00035	8.73	0.0151	0.00081	2.8	<0.000005	0.61	0.0230	<10	<0.00002	0.000005
BR03-5	HC-13	0.0174	<0.00005	<0.01	0.00140	0.00090	8.00	0.0137	0.00060	3.3	<0.00003	0.60	0.0227	<50	<0.0001	<0.00001

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00011	0.000765	<0.0002	0.0003	<0.0001	<0.002				1.67	1.60	2.08
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00010	0.000696	<0.0002	0.0002	<0.0001	<0.002				1.69	1.59	3.17
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00009	0.000537	0.0002	0.0005	<0.0001	<0.002				1.39	1.30	3.34
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00007	0.000610	0.0003	0.0004	<0.0001	<0.002				1.40	1.42	-0.74
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00007	0.000795	0.0002	0.0001	0.0001	<0.002				1.85	1.71	3.68
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00007	0.000659	0.0003	<0.0001	<0.0001	<0.002				1.62	1.54	2.31
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00008	0.000554	0.0002	<0.0001	<0.0001	<0.002				1.51	1.42	3.31
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00007	0.000526	0.0002	0.0005	<0.0001	<0.002				1.59	1.38	7.02
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00005	0.000536	0.0002	<0.0001	<0.0001	<0.002				1.60	1.53	2.17
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00005	0.000534	0.0002	0.0002	<0.0001	<0.002				1.52	1.51	0.63
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00005	0.000498	<0.0002	<0.0001	<0.0001	<0.002				1.63	1.58	1.62
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00004	0.000383	<0.0002	0.0004	<0.0001	<0.002				1.27	1.28	-0.51
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0003	<0.0005	0.00005	0.000520	<0.0002	<0.0001	<0.0001	<0.002				1.67	1.66	0.30
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00004	0.000273	<0.0002	<0.0001	<0.0001	<0.002				1.17	1.19	-1.19
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	0.0002	<0.0005	0.00003	0.000256	<0.0002	0.0003	<0.0001	<0.002				1.17	1.18	-0.260
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00003	0.000444	<0.0002	<0.0001	<0.0001	<0.002				1.81	1.75	1.74
BR03-4	HC-12															
BR03-4	HC-12	<0.000005	<0.0002	<0.0005	0.00003	0.000438	<0.0002	0.0001	<0.0001	<0.002				1.80	1.78	0.500
BR03-4	HC-12															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-5	HC-13	<0.000005	0.0011	<0.0005	0.00265	0.000084	0.0021	0.0030	<0.0001	<0.002				4.00	4.05	-0.68
BR03-5	HC-13	<0.000005	0.0004	<0.0005	0.00330	0.000205	0.0061	0.0004	<0.0001	<0.002				2.10	2.06	0.98
BR03-5	HC-13	<0.000005	0.0003	<0.0005	0.00128	0.000623	0.0089	0.0001	<0.0001	<0.002				1.61	1.59	0.44
BR03-5	HC-13	<0.000005	0.0003	<0.0005	0.00065	0.00148	0.0120	0.0012	<0.0001	<0.002				1.32	1.34	-1.05
BR03-5	HC-13	<0.000005	0.0002	<0.0005	0.00054	0.00305	0.0135	0.0002	<0.0001	<0.002				1.13	1.29	-6.61
BR03-5	HC-13	<0.00003	0.0002	<0.003	0.00048	0.00425	0.0150	<0.0005	<0.0005	<0.002				1.11	1.15	-1.64
BR03-5	HC-13	<0.00003	0.0003	<0.003	0.00060	0.00603	0.0170	<0.0005	<0.0005	<0.002				1.14	1.16	-0.74
BR03-5	HC-13	<0.000005	0.0001	<0.0005	0.00042	0.00730	0.0129	0.0003	<0.0001	<0.002				1.14	1.10	1.65
BR03-5	HC-13	<0.00003	0.0001	<0.003	0.00037	0.00723	0.0130	<0.0005	<0.0005	<0.002				1.09	1.20	-5.12

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL				
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	9	26-Feb-13	500	480	8.01	99.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	10	05-Mar-13	500	490	8.00	100
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	11	12-Mar-13	500	465	7.98	102
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	12	19-Mar-13	500	495	7.99	93.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	13	26-Mar-13	500	475	7.89	92.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	14	02-Apr-13	500	490	7.88	97.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	15	09-Apr-13	500	475	8.03	96.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	16	16-Apr-13	500	475	7.85	90.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	17	23-Apr-13	500	480	7.99	100
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	18	30-Apr-13	500	475	8.06	100
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	19	07-May-13	500	495	8.07	100
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	20	14-May-13	500	480	7.96	94.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	21	21-May-13	500	465		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	22	28-May-13	500	495	7.94	92.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	23	04-Jun-13	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	24	11-Jun-13	500	480	7.99	93.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	25	18-Jun-13	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	26	25-Jun-13	500	485	7.99	94.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	27	02-Jul-13	500	480		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	28	09-Jul-13	500	485	7.97	91.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	29	16-Jul-13	500	490		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	30	23-Jul-13	500	485	7.96	89.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	31	30-Jul-13	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	32	06-Aug-13	500	475	7.91	96.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	33	13-Aug-13	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	34	20-Aug-13	500	480	7.90	88.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	35	27-Aug-13	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	36	03-Sep-13	500	480	7.87	89.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	37	10-Sep-13	500	480		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	38	17-Sep-13	500	480	7.80	90.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	39	24-Sep-13	500	470		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	40	01-Oct-13	500	445	7.91	93.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	41	08-Oct-13	500	495		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	42	15-Oct-13	500	475	7.90	84.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	43	22-Oct-13	500	495		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	44	29-Oct-13	500	465	7.82	91.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	45	05-Nov-13	500	440		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	46	12-Nov-13	500	495	7.59	89.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	47	19-Nov-13	500	480		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	48	26-Nov-13	500	480	7.91	96.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	49	03-Dec-13	500	430		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	50	10-Dec-13	500	490	7.93	99.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	51	17-Dec-13	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	52	24-Dec-13	500	490	7.99	102
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	53	31-Dec-13	500	475		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	54	07-Jan-14	500	470	7.97	104
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	55	14-Jan-14	500	490		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	56	21-Jan-14	500	455	7.90	100
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	57	28-Jan-14	500	450		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	58	04-Feb-14	500	460	7.74	69
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	59	11-Feb-14	500	455		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-5	HC-13	115	6.5	<0.5	<0.5	43.4	0.06	<0.01	<0.5					39.0	0.267	0.00066	0.903
BR03-5	HC-13	120	6.3	<0.5	<0.5	40.9	<0.05	<0.01	0.6					39.4	0.298	0.00060	0.938
BR03-5	HC-13	130	8.1	<0.5	<0.5	41.7	<0.05	<0.01	0.9					43.8	0.262	0.00060	0.882
BR03-5	HC-13	130	6.1	<0.5	<0.5	42.5	<0.05	<0.01	<0.5					40.2	0.288	0.00050	0.872
BR03-5	HC-13	120	6.6	<0.5	0.5	40.3	<0.05	<0.01	<0.5					39.9	0.289	0.00044	0.802
BR03-5	HC-13	120	6.2	<0.5	<0.5	41.5	<0.05	<0.01	<0.5					39.0	0.276	0.00040	0.707
BR03-5	HC-13	125	5.8	<0.5	<0.5	40.3	<0.05	<0.01	0.7					42.9	0.303	0.00036	0.597
BR03-5	HC-13	120	5.7	<0.5	<0.5	38.0	<0.05	<0.01	0.7					41.4	0.341	0.00036	0.562
BR03-5	HC-13	130	6.2	<0.5	<0.5	40.7	<0.05	<0.01	<0.5					45.5	0.275	0.00039	0.657
BR03-5	HC-13	120	6.1	<0.5	<0.5	42.2	<0.05	<0.01	0.5					42.8	0.275	0.00035	0.552
BR03-5	HC-13	115	5.9	<0.5	<0.5	43.7	<0.05	<0.01	0.7					43.0	0.226	0.00036	0.720
BR03-5	HC-13	105	6.3	<0.5	<0.5	40.7	<0.05	<0.01	<0.5					40.0	0.249	0.00030	0.703
BR03-5	HC-13																
BR03-5	HC-13	120	5.7	<0.5	1.0	39.0	<0.05	<0.01	<0.5					39.5	0.278	0.00026	0.610
BR03-5	HC-13																
BR03-5	HC-13	110	6.1	<0.5	<0.5	39.0	<0.05	<0.01	<0.5					42.9	0.203	0.00027	0.526
BR03-5	HC-13																
BR03-5	HC-13	130	5.8	<0.5	<0.5	40.8	<0.05	<0.01	<0.5					39.7	0.280	0.00023	0.476
BR03-5	HC-13																
BR03-5	HC-13	160	6.1	<0.5	<0.5	38.2	<0.05	<0.01	0.8					41.2	0.280	0.00022	0.443
BR03-5	HC-13																
BR03-5	HC-13	130	6.4	<0.5	<0.5	38.6	<0.05	<0.01	<0.5					38.4	0.291	0.00021	0.409
BR03-5	HC-13																
BR03-5	HC-13	130	7.3	<0.5	1.6	38.4	<0.05	<0.01	<0.5					39.3	0.280	0.00019	0.361
BR03-5	HC-13																
BR03-5	HC-13	120	6.9	<0.5	<0.5	36.3	<0.05	<0.01	<0.5					35.0	0.283	0.00018	0.321
BR03-5	HC-13																
BR03-5	HC-13	130	6.7	<0.5	<0.5	38.3	<0.05	<0.01	<0.5					39.3	0.284	0.00017	0.295
BR03-5	HC-13																
BR03-5	HC-13	140	8.3	<0.5	0.6	37.8	<0.05	<0.01	<0.5					42.1	0.281	0.00016	0.305
BR03-5	HC-13																
BR03-5	HC-13	140	7.5	<0.5	0.5	40.4	<0.05	<0.01	<0.5					42.3	0.263	0.00015	0.326
BR03-5	HC-13																
BR03-5	HC-13	130	7.2	<0.5	<0.5	36.2	<0.05	<0.01	<0.5					41.3	0.303	0.00014	0.272
BR03-5	HC-13																
BR03-5	HC-13	125	7.7	<0.5	<0.5	36.2	<0.05	<0.01	<0.5					38.1	0.256	0.00013	0.190
BR03-5	HC-13																
BR03-5	HC-13	140	8.2	<0.5	<0.5	39.7	<0.05	<0.01	<0.5					38.3	0.243	0.00014	0.214
BR03-5	HC-13																
BR03-5	HC-13	135	9.2	<0.5	<0.5	37.7	<0.05	<0.01	<0.5					45.9	0.234	0.00014	0.209
BR03-5	HC-13																
BR03-5	HC-13	150	10.6	<0.5	<0.5	37.7	<0.05	<0.01	<0.5					44.7	0.257	0.00013	0.236
BR03-5	HC-13																
BR03-5	HC-13	130	12.4	<0.5	0.7	37.1	<0.05	<0.01	<0.5					43.8	0.241	0.00011	0.189
BR03-5	HC-13																
BR03-5	HC-13	130	12.9	<0.5	<0.5	38.8	<0.05	<0.01	<0.5					46.0	0.224	0.00013	0.165
BR03-5	HC-13																
BR03-5	HC-13	125	11.6	<0.5	<0.5	35.1	<0.05	<0.01	<0.5					45.3	0.202	0.00013	0.150
BR03-5	HC-13																
BR03-5	HC-13	130	8.4	<0.5	<0.5	25.1	<0.05	<0.01	<0.5					31.7	0.233	0.00006	0.0442
BR03-5	HC-13																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-5	HC-13	0.00115	<0.00001	<0.000005	<0.05	0.00006	<0.000005	12.2	0.0004	0.000179	0.00025	<0.00005	0.004	0.000027	0.0024	2.05
BR03-5	HC-13	0.00100	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	12.5	<0.0005	0.000180	0.00090	<0.0003	0.007	0.000060	<0.003	2.00
BR03-5	HC-13	0.00110	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	14.1	<0.0005	0.000180	<0.0003	<0.0003	0.005	0.000060	<0.003	2.10
BR03-5	HC-13	0.00100	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	13.1	<0.0005	0.000220	<0.0003	<0.0003	0.009	0.000070	<0.003	1.80
BR03-5	HC-13	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	13.0	0.0004	0.000182	0.00013	<0.00005	0.006	0.000023	0.0023	1.81
BR03-5	HC-13	0.00080	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	12.7	<0.0005	0.000170	0.00050	<0.0003	<0.005	0.000030	<0.003	1.80
BR03-5	HC-13	0.00096	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.7	0.0003	0.000179	0.00030	<0.00005	0.005	0.000038	0.0020	1.53
BR03-5	HC-13	0.00083	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.1	0.0003	0.000177	0.00030	<0.00005	0.005	0.000044	0.0021	1.52
BR03-5	HC-13	0.00081	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.4	0.0003	0.000182	<0.00005	<0.00005	0.001	0.000046	0.0021	1.69
BR03-5	HC-13	0.00087	<0.00001	<0.000005	<0.05	<0.00005	0.000012	14.6	0.0003	0.000161	0.00014	<0.00005	0.004	0.000012	0.0021	1.55
BR03-5	HC-13	0.00086	<0.00001	<0.000005	<0.05	<0.00005	0.000008	14.4	0.0003	0.000188	<0.00005	<0.00005	0.002	0.000307	0.0023	1.70
BR03-5	HC-13	0.00080	<0.00005	<0.00003	<0.3	<0.0003	<0.00003	13.4	<0.0005	0.000140	0.00120	<0.0003	<0.005	0.000040	<0.003	1.60
BR03-5	HC-13															
BR03-5	HC-13	0.00071	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	13.5	0.0003	0.000120	<0.00005	<0.00005	0.001	0.000028	0.0019	1.38
BR03-5	HC-13															
BR03-5	HC-13	0.00059	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.0	0.0001	0.000090	0.00005	<0.00005	<0.001	<0.000005	0.0019	1.33
BR03-5	HC-13															
BR03-5	HC-13	0.00073	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	13.8	0.0004	0.000125	<0.00005	<0.00005	<0.001	0.000074	0.0019	1.26
BR03-5	HC-13															
BR03-5	HC-13	0.00072	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.6	0.0003	0.000127	0.00007	<0.00005	0.005	0.000026	0.0019	1.15
BR03-5	HC-13															
BR03-5	HC-13	0.00071	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	13.5	0.0002	0.000123	0.00005	<0.00005	0.003	0.000029	0.0019	1.11
BR03-5	HC-13															
BR03-5	HC-13	0.00067	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.0	<0.0001	0.000121	<0.00005	<0.00005	0.002	0.000019	0.0017	1.06
BR03-5	HC-13															
BR03-5	HC-13	0.00069	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	12.4	<0.0001	0.000112	<0.00005	<0.00005	<0.001	0.000026	0.0015	1.01
BR03-5	HC-13															
BR03-5	HC-13	0.00068	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.2	<0.0001	0.000115	0.00016	<0.00005	<0.001	0.000026	0.0014	0.96
BR03-5	HC-13															
BR03-5	HC-13	0.00082	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.2	<0.0001	0.000119	0.00034	<0.00005	0.003	0.000019	0.0015	1.00
BR03-5	HC-13															
BR03-5	HC-13	0.00069	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.3	<0.0001	0.000108	0.00020	<0.00005	<0.001	0.000061	0.0016	1.00
BR03-5	HC-13															
BR03-5	HC-13	0.00065	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.0	<0.0001	0.000103	0.00006	<0.00005	0.002	0.000032	0.0014	0.92
BR03-5	HC-13															
BR03-5	HC-13	0.00074	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	13.9	<0.0001	0.000098	0.00034	<0.00005	0.006	0.000034	0.0016	0.84
BR03-5	HC-13															
BR03-5	HC-13	0.00077	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	14.0	<0.0001	0.000098	<0.00005	<0.00005	0.003	0.000026	0.0006	0.83
BR03-5	HC-13															
BR03-5	HC-13	0.00071	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.9	<0.0001	0.000073	0.00008	<0.00005	<0.001	0.000025	0.0013	0.88
BR03-5	HC-13															
BR03-5	HC-13	0.00076	<0.00001	<0.000005	<0.05	<0.00005	0.000007	16.4	0.0001	0.000076	0.00008	<0.00005	<0.001	0.000084	0.0015	0.91
BR03-5	HC-13															
BR03-5	HC-13	0.00073	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.1	<0.0001	0.000047	<0.00005	<0.00005	<0.001	0.000033	0.0014	0.89
BR03-5	HC-13															
BR03-5	HC-13	0.00074	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.9	<0.0001	0.000070	0.00007	<0.00005	<0.001	0.000023	0.0016	0.90
BR03-5	HC-13															
BR03-5	HC-13	0.00067	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.7	<0.0001	0.000051	0.00009	<0.00005	0.002	0.000011	0.0011	0.85
BR03-5	HC-13															
BR03-5	HC-13	0.00050	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	11.8	<0.0001	0.000072	0.00010	<0.00005	0.013	0.000059	0.0009	0.55
BR03-5	HC-13															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-5	HC-13	0.0147	0.00001	0.012	0.00184	0.00029	6.18	0.0110	0.00067	2.5	<0.000005	0.48	0.0218	<10	<0.00002	0.000004
BR03-5	HC-13	0.0148	<0.00005	<0.01	0.00130	0.00030	5.40	0.0106	0.00100	2.6	<0.00003	0.40	0.0195	<50	<0.0001	<0.00001
BR03-5	HC-13	0.0166	0.00021	<0.01	0.00220	0.00040	5.20	0.00930	0.00030	3.0	<0.00003	0.40	0.0217	<50	<0.0001	<0.00001
BR03-5	HC-13	0.0148	<0.00005	<0.01	0.00140	0.00030	4.80	0.00890	0.00060	2.8	<0.00003	0.40	0.0188	<50	<0.0001	<0.00001
BR03-5	HC-13	0.0152	0.00001	<0.002	0.00151	0.00025	4.37	0.00800	0.00048	2.6	<0.000005	0.33	0.0200	<10	<0.00002	0.000006
BR03-5	HC-13	0.0138	<0.00005	<0.01	0.00150	0.00030	4.10	0.00690	0.00040	2.5	<0.00003	0.40	0.0195	<50	<0.0001	<0.00001
BR03-5	HC-13	0.0203	0.00003	0.003	0.00142	0.00028	3.59	0.00704	0.00041	2.4	<0.000005	0.29	0.0207	<10	<0.00002	0.000005
BR03-5	HC-13	0.0160	0.00001	<0.002	0.00135	0.00020	3.37	0.00671	0.00037	2.4	<0.000005	0.27	0.0191	<10	<0.00002	0.000002
BR03-5	HC-13	0.0180	<0.00001	<0.002	0.00129	0.00018	3.60	0.00688	0.00041	3.2	<0.000005	0.30	0.0200	<10	<0.00002	0.000004
BR03-5	HC-13	0.0181	<0.00001	0.003	0.00138	0.00035	3.34	0.00655	0.00040	2.4	<0.000005	0.28	0.0199	<10	<0.00002	0.000006
BR03-5	HC-13	0.0223	<0.00001	<0.002	0.00133	0.00027	3.39	0.00642	0.00041	2.4	<0.000005	0.29	0.0209	<10	<0.00002	0.000006
BR03-5	HC-13	0.0215	<0.00005	<0.01	0.00100	0.00050	3.30	0.00630	0.00030	2.5	<0.00003	<0.3	0.0190	<50	<0.0001	<0.00001
BR03-5	HC-13															
BR03-5	HC-13	0.0195	0.00006	<0.002	0.00115	0.00033	2.95	0.00617	0.00040	2.4	<0.000005	0.23	0.0183	<10	<0.00002	0.000006
BR03-5	HC-13															
BR03-5	HC-13	0.0150	<0.00001	0.005	0.00146	0.00018	2.71	0.00546	0.00029	2.8	<0.000005	0.25	0.0180	<10	<0.00002	0.000004
BR03-5	HC-13															
BR03-5	HC-13	0.0168	<0.00001	0.021	0.00119	0.00021	2.55	0.00556	0.00028	2.3	<0.000005	0.21	0.0187	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.0174	<0.00001	0.002	0.00116	0.00022	2.42	0.00506	0.00026	2.7	<0.000005	0.19	0.0176	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.0164	<0.00001	0.003	0.00111	0.00028	2.34	0.00478	0.00030	2.3	<0.000005	0.20	0.0176	<10	<0.00002	0.000003
BR03-5	HC-13															
BR03-5	HC-13	0.0146	<0.00001	0.006	0.00109	0.00014	2.15	0.00491	0.00024	2.2	<0.000005	0.18	0.0182	<10	<0.00002	0.000004
BR03-5	HC-13															
BR03-5	HC-13	0.0147	<0.00001	<0.002	0.00097	0.00012	2.18	0.00468	0.00017	1.7	<0.000005	0.17	0.0177	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.0149	<0.00001	0.004	0.00099	0.00017	2.16	0.00464	0.00017	1.9	0.000006	0.18	0.0173	<10	<0.00002	0.000006
BR03-5	HC-13															
BR03-5	HC-13	0.0159	<0.00001	0.037	0.00094	0.00036	2.11	0.00484	0.00021	2.2	<0.000005	0.21	0.0180	<10	<0.00002	0.000007
BR03-5	HC-13															
BR03-5	HC-13	0.0205	<0.00001	0.002	0.00105	0.00018	2.11	0.00433	0.00022	2.2	<0.000005	0.17	0.0181	<10	<0.00002	0.000004
BR03-5	HC-13															
BR03-5	HC-13	0.0182	<0.00001	<0.002	0.00097	0.00024	2.12	0.00421	0.00021	2.2	<0.000005	0.17	0.0172	<10	<0.00002	0.000004
BR03-5	HC-13															
BR03-5	HC-13	0.0153	<0.00001	<0.002	0.00094	0.00016	1.67	0.00414	0.00024	1.6	<0.000005	0.15	0.0184	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.00775	<0.00001	0.013	0.00091	0.00035	1.70	0.00493	0.00024	1.7	<0.000005	0.15	0.0194	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.00818	<0.00001	0.009	0.00091	0.00015	1.98	0.00448	0.00028	2.2	<0.000005	0.15	0.0182	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.00744	<0.00001	0.011	0.00093	0.00011	2.03	0.00493	0.00022	2.2	<0.000005	0.17	0.0195	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.00361	<0.00001	0.022	0.00107	0.00016	1.94	0.00453	0.00020	1.9	<0.000005	0.17	0.0205	<10	<0.00002	0.000006
BR03-5	HC-13															
BR03-5	HC-13	0.00442	<0.00001	0.009	0.00108	0.00032	1.85	0.00463	0.00017	2.0	<0.000005	0.17	0.0207	<10	<0.00002	0.000006
BR03-5	HC-13															
BR03-5	HC-13	0.00214	<0.00001	0.023	0.00104	0.00018	1.79	0.00412	0.00017	1.9	<0.000005	0.16	0.0196	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.00483	<0.00001	0.005	0.00078	0.00013	0.95	0.00271	0.00010	1.0	<0.000005	0.09	0.0129	<10	<0.00002	0.000004
BR03-5	HC-13															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-5	HC-13	<0.000005	0.0002	<0.0005	0.00021	0.00773	0.0123	0.0003	<0.0001	<0.002				1.01	0.99	0.95
BR03-5	HC-13	<0.00003	0.0001	<0.003	0.00020	0.00665	0.0120	0.0008	<0.0005	<0.002				0.96	0.98	-0.77
BR03-5	HC-13	<0.00003	0.0004	<0.003	0.00018	0.00798	0.0120	0.0008	<0.0005	<0.002				1.03	1.06	-1.49
BR03-5	HC-13	<0.00003	0.0003	<0.003	0.00022	0.00699	0.0110	0.0010	<0.0005	0.004				0.98	0.98	-0.05
BR03-5	HC-13	<0.000005	0.0003	<0.0005	0.00016	0.00693	0.0101	<0.0001	<0.0001	<0.002				0.95	0.96	-0.63
BR03-5	HC-13	<0.00003	0.0002	0.0060	0.00013	0.00622	0.0080	<0.0005	<0.0005	<0.002				0.96	0.93	1.48
BR03-5	HC-13	<0.000005	0.0007	<0.0005	0.00013	0.00573	0.0070	0.0003	<0.0001	<0.002				0.94	1.00	-2.68
BR03-5	HC-13	<0.000005	0.0003	<0.0005	0.00014	0.00505	0.0066	0.0003	<0.0001	<0.002				0.90	0.97	-3.54
BR03-5	HC-13	<0.000005	0.0001	<0.0005	0.00013	0.00552	0.0073	0.0001	<0.0001	<0.002				0.94	1.05	-5.18
BR03-5	HC-13	<0.000005	0.0007	<0.0005	0.00072	0.00524	0.0067	<0.0001	<0.0001	<0.002				0.99	0.98	0.05
BR03-5	HC-13	<0.000005	0.0002	<0.0005	0.00013	0.00589	0.0079	0.0015	<0.0001	<0.002				1.02	0.99	1.60
BR03-5	HC-13	<0.00003	0.0001	<0.003	0.00012	0.00390	0.0060	0.0007	<0.0005	<0.002				0.94	0.92	1.07
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00009	0.00411	0.0068	<0.0001	<0.0001	<0.002				0.90	0.91	-0.44
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00011	0.00111	0.0053	<0.0001	<0.0001	<0.002				0.91	0.96	-2.95
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	0.0003	<0.0005	0.00010	0.00326	0.0053	0.0003	<0.0001	<0.002				0.94	0.90	2.01
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	0.0006	<0.0005	0.00010	0.00293	0.0051	<0.0001	<0.0001	<0.002				0.91	0.93	-0.71
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	0.0004	<0.0005	0.00008	0.00246	0.0046	0.0004	<0.0001	<0.002				0.90	0.87	2.03
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00007	0.00194	0.0039	0.0002	<0.0001	<0.002				0.92	0.88	2.33
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00006	0.00174	0.0035	0.0002	<0.0001	<0.002				0.87	0.80	4.45
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	0.0015	<0.0005	0.00006	0.00175	0.0036	0.0004	<0.0001	<0.002				0.91	0.88	1.51
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00006	0.00156	0.0033	0.0010	<0.0001	<0.002				0.93	0.94	-0.43
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	0.0002	<0.0005	0.00006	0.00153	0.0033	0.0002	<0.0001	<0.002				0.97	0.94	1.47
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00005	0.00132	0.0032	0.0001	<0.0001	0.007				0.88	0.92	-2.62
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00005	0.00119	0.0022	0.0001	<0.0001	<0.002				0.89	0.84	2.55
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00004	0.00114	0.0024	0.0004	<0.0001	<0.002				0.96	0.84	6.64
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00005	0.000927	0.0023	0.0001	<0.0001	<0.002				0.95	1.00	-2.93
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	0.0002	<0.0005	0.00005	0.00102	0.0025	0.0004	<0.0001	<0.002				0.97	0.98	-0.36
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00004	0.000915	0.0018	0.0001	<0.0001	<0.002				1.00	0.96	2.14
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00004	0.000846	0.0019	0.0001	<0.0001	<0.002				1.04	1.00	2.20
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00004	0.000824	0.0017	0.0001	<0.0001	<0.002				0.94	0.98	-1.92
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00002	0.000296	0.0005	0.0001	0.0010	<0.002				0.68	0.69	-0.88
BR03-5	HC-13															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	60	18-Feb-14	500	465	7.97	135
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	61	25-Feb-14	500	475		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	62	04-Mar-14	500	470	7.96	109
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	63	11-Mar-14	500	470		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	64	18-Mar-14	500	465	7.96	105
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	65	25-Mar-14	500	465		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	66	01-Apr-14	500	460	7.95	118
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	67	08-Apr-14	500	465		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	68	15-Apr-14	500	460	8.04	138
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	69	22-Apr-14	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	70	29-Apr-14	500	485	7.96	53.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	71	06-May-14	500	470		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	72	13-May-14	500	480	8.02	131
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	73	20-May-14	500	480		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	74	27-May-14	500	485	7.93	94.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	75	03-Jun-14	500	485		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	76	10-Jun-14	500	470	7.95	67.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	77	17-Jun-14	500	490		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	78	24-Jun-14	500	470	8.13	75.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	79	01-Jul-14	500	470		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	80	08-Jul-14	500	475	7.93	63.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	81	15-Jul-14	500	465		
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	82	22-Jul-14	500	460	7.98	66.0
BR03-5	HC-13	Umwelt	Mudstone	11GSE019	91.40	94.00	0.12	0.11	0.18	38.40	10.40	83	29-Jul-14	500	475		

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	0	21-Jan-13	750	460	8.32	257
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	1	28-Jan-13	500	485	8.14	174
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	2	04-Feb-13	500	470	7.91	141
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	3	11-Feb-13	500	455	7.82	107
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	4	18-Feb-13	500	475	7.86	75.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	5	25-Feb-13	500	475	7.77	71.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	6	04-Mar-13	500	450	7.67	62.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	7	11-Mar-13	500	465	7.53	56.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	8	18-Mar-13	500	475	7.60	59.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	9	25-Mar-13	500	475	7.49	54.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	10	01-Apr-13	500	450	7.54	54.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	11	08-Apr-13	500	495	7.43	47.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	12	15-Apr-13	500	460	7.50	46.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	13	22-Apr-13	500	490	7.44	45.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	14	29-Apr-13	500	460	7.42	48.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	15	06-May-13	500	460	7.45	45.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	16	13-May-13	500	490	7.32	42.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	17	20-May-13	500	460	7.27	49.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	18	27-May-13	500	490	7.44	36.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR03-5	HC-13	130	23.5	<0.5	<0.5	42.4	<0.05	<0.01	<0.5					60.9	0.155	0.00014	0.0572
BR03-5	HC-13																
BR03-5	HC-13	120	11.8	<0.5	<0.5	42.0	<0.05	<0.01	<0.5					47.8	0.191	0.00015	0.0742
BR03-5	HC-13																
BR03-5	HC-13	130	12.4	<0.5	<0.5	39.6	<0.05	<0.01	<0.5					45.1	0.166	0.00012	0.0733
BR03-5	HC-13																
BR03-5	HC-13	130	12.5	<0.5	<0.5	43.4	<0.05	<0.01	0.6					54.9	0.153	0.00016	0.0948
BR03-5	HC-13																
BR03-5	HC-13	140	17.8	<0.5	<0.5	49.1	<0.05	<0.01	<0.5					62.6	0.123	0.00018	0.0854
BR03-5	HC-13																
BR03-5	HC-13	130	6.2	<0.5	<0.5	20.3	<0.05	<0.01	<0.5					23.7	0.218	0.00004	0.0255
BR03-5	HC-13																
BR03-5	HC-13	130	16.7	<0.5	<0.5	46.3	<0.05	<0.01	<0.5					57.8	0.120	0.00017	0.0822
BR03-5	HC-13																
BR03-5	HC-13	120	8.5	<0.5	<0.5	35.4	<0.05	<0.01	<0.5					42.2	0.208	0.00011	0.0746
BR03-5	HC-13																
BR03-5	HC-13	130	6.6	<0.5	<0.5	25.2	<0.05	<0.01	0.5					28.6	0.204	0.00006	0.0306
BR03-5	HC-13																
BR03-5	HC-13	135	9.0	<0.5	<0.5	27.1	<0.05	<0.01	0.8					32.8	0.197	0.00008	0.0325
BR03-5	HC-13																
BR03-5	HC-13	120	8.7	<0.5	<0.5	23.8	<0.05	<0.01	<0.5					29.2	0.185	0.00005	0.0217
BR03-5	HC-13																
BR03-5	HC-13	130	9.5	<0.5	<0.5	22.9	<0.05	<0.01	<0.5					30.9	0.149	0.00005	0.0173
BR03-5	HC-13																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-5	HC-21	140	23.0	<0.5	<0.5	38.0	1.70	0.258	25.7	0.10	0.040			10.2	0.2900	0.00660	0.01080
BR02-5	HC-21	150	21.2	<0.5	<0.5	41.1	1.10	0.022	4.9	0.06	0.016			6.8	0.3260	0.01670	0.06800
BR02-5	HC-21	135	19.3	<0.5	<0.5	32.0	0.62	<0.01	0.7	<0.02	<0.005			6.9	0.2780	0.01130	0.14400
BR02-5	HC-21	130	17.5	<0.5	<0.5	27.7	0.45	<0.01	0.7	<0.02	<0.005			7.5	0.2110	0.00866	0.195
BR02-5	HC-21	120	10.2	<0.5	<0.5	20.4	0.35	<0.01	0.6	<0.02	<0.005			5.9	0.2760	0.00619	0.352
BR02-5	HC-21	130	9.8	<0.5	<0.5	20.7	0.28	<0.01	0.5					6.7	0.1840	0.00547	0.385
BR02-5	HC-21	150	9.6	<0.5	<0.5	16.7	0.25	<0.01	0.7					6.4	0.2240	0.00473	0.407
BR02-5	HC-21	135	9.4	<0.5	<0.5	14.5	0.20	<0.01	0.8					6.0	0.1710	0.00390	0.351
BR02-5	HC-21	140	8.9	<0.5	<0.5	14.0	0.17	<0.01	0.6					7.9	0.1360	0.00331	0.297
BR02-5	HC-21	130	7.7	<0.5	<0.5	13.1	0.19	<0.01	<0.5					7.0	0.1100	0.00306	0.294
BR02-5	HC-21	120	8.2	<0.5	<0.5	14.5	0.18	<0.01	0.8					8.1	0.1360	0.00294	0.329
BR02-5	HC-21	150	7.7	<0.5	<0.5	10.2	0.22	<0.01	<0.5					7.1	0.1050	0.00267	0.439
BR02-5	HC-21	160	7.8	<0.5	<0.5	12.1	0.17	<0.01	0.6					7.6	0.0967	0.00229	0.329
BR02-5	HC-21	140	6.9	<0.5	1.3	10.2	0.16	<0.01	<0.5					7.6	0.0867	0.00205	0.292
BR02-5	HC-21	130	8.5	<0.5	<0.5	10.3	0.15	<0.01	0.6					8.9	0.0741	0.00207	0.281
BR02-5	HC-21	120	8.6	<0.5	1.1	9.9	0.16	<0.01	<0.5					9.1	0.0804	0.00198	0.293
BR02-5	HC-21	130	9.1	<0.5	<0.5	9.2	0.15	<0.01	0.7					9.4	0.1960	0.00166	0.256
BR02-5	HC-21	135	9.1	<0.5	<0.5	10.0	0.16	<0.01	<0.5					10.7	0.0519	0.00172	0.214
BR02-5	HC-21	130	7.0	<0.5	<0.5	7.6	0.15	<0.01	<0.5					8.1	0.0541	0.00141	0.225

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR03-5	HC-13	0.00086	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	22.3	<0.0001	0.000087	0.00107	<0.00005	0.001	0.000110	0.0013	1.29
BR03-5	HC-13															
BR03-5	HC-13	0.00068	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	17.6	<0.0001	0.000050	0.00073	<0.00005	0.001	0.000026	0.0012	0.91
BR03-5	HC-13															
BR03-5	HC-13	0.00071	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	16.5	<0.0001	0.000059	0.00008	<0.00005	0.002	0.000019	0.0012	0.92
BR03-5	HC-13															
BR03-5	HC-13	0.00102	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	20.2	<0.0001	0.000069	0.00005	<0.00005	0.002	0.000017	0.0013	1.08
BR03-5	HC-13															
BR03-5	HC-13	0.00115	<0.00001	<0.000005	<0.05	<0.00005	0.000005	22.8	<0.0001	0.000092	0.00010	<0.00005	0.001	0.000100	0.0014	1.39
BR03-5	HC-13															
BR03-5	HC-13	0.00034	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	8.93	<0.0001	0.000061	0.00020	<0.00005	0.011	0.000057	0.0008	0.34
BR03-5	HC-13															
BR03-5	HC-13	0.00091	<0.00001	<0.000005	<0.05	<0.00005	0.000005	21.1	<0.0001	0.000086	0.00012	<0.00005	0.001	0.000032	0.0012	1.26
BR03-5	HC-13															
BR03-5	HC-13	0.00057	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	15.7	<0.0001	0.000054	0.00013	<0.00005	0.003	0.000021	0.0011	0.74
BR03-5	HC-13															
BR03-5	HC-13	0.00051	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.6	<0.0001	0.000117	0.00019	<0.00005	0.027	0.000145	0.0006	0.48
BR03-5	HC-13															
BR03-5	HC-13	0.00048	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	12.1	<0.0001	0.000056	0.00010	<0.00005	0.007	0.000043	0.0008	0.60
BR03-5	HC-13															
BR03-5	HC-13	0.00048	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	10.9	<0.0001	0.000082	0.00016	<0.00005	0.014	0.000071	0.0007	0.49
BR03-5	HC-13															
BR03-5	HC-13	0.00053	<0.00001	<0.000005	<0.05	<0.00005	0.000021	11.4	<0.0001	0.000111	0.00018	<0.00005	0.023	0.000206	0.0008	0.59
BR03-5	HC-13															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-5	HC-21	0.00255	<0.00001	<0.000005	0.08	0.00033	<0.000005	1.67	0.0004	0.000026	0.00024	<0.00005	0.033	0.000035	0.0039	1.46
BR02-5	HC-21	0.00167	<0.00001	<0.000005	0.08	0.00024	<0.000005	0.98	0.0003	0.000051	0.00068	<0.00005	0.035	0.000065	0.0041	1.05
BR02-5	HC-21	0.00135	<0.00001	<0.000005	0.06	0.00020	<0.000005	0.89	0.0004	0.000051	0.00058	<0.00005	0.029	0.000054	0.0039	1.14
BR02-5	HC-21	0.00111	<0.00001	<0.000005	<0.05	0.00013	<0.000005	0.94	0.0003	0.000064	0.00009	<0.00005	0.028	0.000042	0.0035	1.25
BR02-5	HC-21	0.00086	<0.00001	<0.000005	<0.05	0.00011	<0.000005	0.77	0.0004	0.000075	0.00123	<0.00005	0.044	0.000065	0.0028	0.97
BR02-5	HC-21	0.00092	<0.00001	<0.000005	<0.05	0.00011	<0.000005	0.82	0.0003	0.000050	0.00026	<0.00005	0.024	0.000031	0.0026	1.13
BR02-5	HC-21	0.00133	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.75	0.0003	0.000103	0.00047	0.00005	0.042	0.000070	0.0029	1.11
BR02-5	HC-21	0.00077	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.66	0.0003	0.000103	0.00026	<0.00005	0.030	0.000044	0.0023	1.06
BR02-5	HC-21	0.00074	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.87	0.0002	0.000128	0.00035	<0.00005	0.029	0.000049	0.0025	1.40
BR02-5	HC-21	0.00074	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.83	0.0002	0.000104	0.00045	<0.00005	0.025	0.000049	0.0023	1.20
BR02-5	HC-21	0.00097	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.85	0.0003	0.000182	0.00027	0.00005	0.053	0.000078	0.0024	1.46
BR02-5	HC-21	0.00083	<0.00001	<0.000005	<0.05	0.00009	<0.000005	0.75	0.0002	0.000160	0.00017	<0.00005	0.036	0.000061	0.0021	1.26
BR02-5	HC-21	0.00078	<0.00001	<0.000005	<0.05	0.00008	<0.000005	0.75	0.0002	0.000150	0.00073	<0.00005	0.022	0.000056	0.0023	1.39
BR02-5	HC-21	0.00071	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.80	0.0002	0.000158	0.00017	0.00006	0.029	0.000046	0.0021	1.36
BR02-5	HC-21	0.00073	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.88	0.0001	0.000140	0.00014	<0.00005	0.013	0.000027	0.0022	1.62
BR02-5	HC-21	0.00081	<0.00001	<0.000005	<0.05	0.00006	<0.000005	0.95	0.0002	0.000198	0.00017	<0.00005	0.021	0.000042	0.0025	1.64
BR02-5	HC-21	0.00169	<0.00001	<0.000005	<0.05	0.00007	<0.000005	0.96	0.0004	0.000325	0.00029	0.00018	0.128	0.000179	0.0024	1.69
BR02-5	HC-21	0.00079	<0.00001	<0.000005	<0.05	0.00006	<0.000005	1.17	0.0001	0.000197	0.00028	<0.00005	0.015	0.000035	0.0027	1.89
BR02-5	HC-21	0.00052	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.82	<0.0001	0.000181	0.00007	<0.00005	0.011	0.000016	0.0022	1.46

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR03-5	HC-13	0.00902	<0.00001	0.004	0.00185	0.00015	1.74	0.00468	0.00022	1.7	<0.000005	0.17	0.0276	<10	<0.00002	0.000008
BR03-5	HC-13															
BR03-5	HC-13	0.00514	<0.00001	0.006	0.00103	0.00023	1.61	0.00426	0.00012	1.6	<0.000005	0.14	0.0231	<10	<0.00002	0.000008
BR03-5	HC-13															
BR03-5	HC-13	0.00485	<0.00001	0.010	0.00098	0.00037	1.44	0.00395	0.00012	1.5	<0.000005	0.15	0.0208	<10	<0.00002	0.000008
BR03-5	HC-13															
BR03-5	HC-13	0.00770	<0.00001	0.003	0.00112	0.00012	1.72	0.00465	0.00014	1.9	<0.000005	0.16	0.0238	<10	<0.00002	0.000007
BR03-5	HC-13															
BR03-5	HC-13	0.00879	<0.00001	0.005	0.00151	0.00017	2.00	0.00509	0.00014	2.0	<0.000005	0.19	0.0286	<10	<0.00002	0.000014
BR03-5	HC-13															
BR03-5	HC-13	0.00278	<0.00001	0.003	0.00044	0.00027	0.56	0.00175	0.00007	0.6	<0.000005	0.05	0.0101	<10	<0.00002	0.000005
BR03-5	HC-13															
BR03-5	HC-13	0.00793	<0.00001	<0.002	0.00168	0.00020	1.78	0.00510	0.00015	1.9	0.000005	0.17	0.0297	<10	<0.00002	0.000011
BR03-5	HC-13															
BR03-5	HC-13	0.00374	<0.00001	0.002	0.00093	0.00018	1.19	0.00361	0.00014	1.4	<0.000005	0.11	0.0185	<10	<0.00002	0.000006
BR03-5	HC-13															
BR03-5	HC-13	0.00284	<0.00001	0.005	0.00071	0.00019	0.67	0.00248	0.00012	0.7	<0.000005	0.08	0.0131	<10	<0.00002	0.000004
BR03-5	HC-13															
BR03-5	HC-13	0.00266	<0.00001	0.006	0.00083	0.00048	0.86	0.00265	0.00010	0.9	<0.000005	0.09	0.0141	<10	<0.00002	0.000004
BR03-5	HC-13															
BR03-5	HC-13	0.00326	<0.00001	0.006	0.00059	0.00013	0.64	0.00215	0.00006	0.6	<0.000005	0.07	0.0127	<10	<0.00002	0.000003
BR03-5	HC-13															
BR03-5	HC-13	0.00416	<0.00001	0.003	0.00073	0.00018	0.68	0.00233	0.00006	0.7	<0.000005	0.08	0.0132	<10	<0.00002	0.000004
BR03-5	HC-13															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-5	HC-21	0.00121	0.00002	0.035	0.02650	0.00047	36.70	0.0532	0.00048	2.6	<0.000005	19.90	0.0213	11	0.00003	0.000012
BR02-5	HC-21	0.00102	<0.00001	0.028	0.01380	0.00035	29.90	0.0446	0.00091	2.6	<0.000005	10.60	0.0111	10	<0.00002	0.000012
BR02-5	HC-21	0.00093	0.00002	0.018	0.00407	0.00016	26.40	0.0347	0.00129	2.8	<0.000005	6.84	0.00951	<10	<0.00002	0.000009
BR02-5	HC-21	0.00100	<0.00001	0.010	0.00292	0.00025	21.50	0.0313	0.00099	2.9	<0.000005	4.28	0.00959	<10	<0.00002	0.000006
BR02-5	HC-21	0.00096	<0.00001	0.020	0.00195	0.00036	16.00	0.0224	0.00073	3.6	<0.000005	2.54	0.00614	<10	<0.00002	0.000007
BR02-5	HC-21	0.00093	<0.00001	0.012	0.00222	0.00017	16.10	0.0225	0.00076	3.2	<0.000005	2.14	0.00746	<10	<0.00002	0.000008
BR02-5	HC-21	0.00106	<0.00001	0.009	0.00217	0.00023	14.60	0.0212	0.00080	3.1	<0.000005	1.70	0.00694	<10	<0.00002	0.000008
BR02-5	HC-21	0.00094	<0.00001	0.018	0.00173	0.00018	12.00	0.0171	0.00047	2.9	<0.000005	1.32	0.00601	<10	<0.00002	0.000008
BR02-5	HC-21	0.00123	<0.00001	0.005	0.00170	0.00021	11.90	0.0172	0.00029	3.4	<0.000005	1.21	0.00696	<10	<0.00002	0.000007
BR02-5	HC-21	0.00114	<0.00001	0.008	0.00156	0.00016	10.90	0.0170	0.00033	3.6	<0.000005	0.92	0.00655	<10	<0.00002	0.000007
BR02-5	HC-21	0.00148	<0.00001	0.006	0.00147	0.00032	10.70	0.0160	0.00045	3.4	<0.000005	0.98	0.00691	<10	<0.00002	0.000007
BR02-5	HC-21	0.00147	<0.00001	0.004	0.00126	0.00022	9.05	0.0135	0.00044	3.9	<0.000005	0.75	0.00616	<10	<0.00002	0.000009
BR02-5	HC-21	0.00156	<0.00001	0.002	0.00125	0.00024	9.07	0.0143	0.00040	2.9	<0.000005	0.70	0.00645	<10	<0.00002	0.000007
BR02-5	HC-21	0.00141	<0.00001	0.004	0.00107	0.00028	7.68	0.0118	0.00036	3.3	<0.000005	0.63	0.00604	<10	<0.00002	0.000006
BR02-5	HC-21	0.00151	<0.00001	<0.002	0.00111	0.00023	8.08	0.0130	0.00038	3.3	<0.000005	0.62	0.00718	<10	<0.00002	0.000007
BR02-5	HC-21	0.00181	<0.00001	<0.002	0.00110	0.00030	7.76	0.0122	0.00033	3.7	<0.000005	0.55	0.00691	<10	<0.00002	0.000005
BR02-5	HC-21	0.00267	<0.00001	0.002	0.00094	0.00045	6.67	0.0107	0.00028	4.2	<0.000005	0.50	0.00688	<10	<0.00002	0.000008
BR02-5	HC-21	0.00306	<0.00001	<0.002	0.00122	0.00028	7.13	0.0119	0.00027	4.0	<0.000005	0.50	0.00811	<10	<0.00002	0.000010
BR02-5	HC-21	0.00185	<0.00001	<0.002	0.00061	0.00021	5.52	0.00868	0.00024	3.8	<0.000005	0.40	0.00558	<10	<0.00002	0.000008

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00003	0.00111	0.0006	0.0010	<0.0001	<0.002				1.34	1.29	1.91
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	0.0010	0.00003	0.000491	0.0007	0.0007	<0.0001	<0.002				1.09	1.02	2.94
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00003	0.000469	0.0007	0.0006	<0.0001	<0.002				1.05	0.96	4.32
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00004	0.000643	0.0010	0.0001	<0.0001	<0.002				1.14	1.17	-0.91
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00005	0.000972	0.0007	0.0004	<0.0001	<0.002				1.35	1.32	1.08
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00001	0.000124	0.0003	<0.0001	<0.0001	<0.002				0.54	0.52	2.00
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00005	0.000942	0.0009	0.0003	<0.0001	<0.002				1.27	1.22	2.12
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00003	0.000378	0.0008	<0.0001	<0.0001	<0.002				0.89	0.90	-0.84
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	0.0007	0.00002	0.000244	0.0004	0.0003	<0.0001	<0.002				0.66	0.62	3.23
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	0.0006	0.00002	0.000324	0.0004	0.0001	<0.0001	<0.002				0.751	0.704	3.23
BR03-5	HC-13															
BR03-5	HC-13	0.000005	<0.0002	0.0005	<0.00001	0.000225	0.0002	0.0002	<0.0001	<0.002				0.658	0.625	2.57
BR03-5	HC-13															
BR03-5	HC-13	<0.000005	<0.0002	<0.0005	0.00001	0.000364	<0.0002	0.0010	<0.0001	<0.002				0.656	0.656	0.00
BR03-5	HC-13															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-5	HC-21	0.000035	0.0002	0.0013	0.0113	0.000090	0.0026	0.0004	<0.0001	<0.002				2.05	2.04	0.29
BR02-5	HC-21	0.000032	0.0004	0.0014	0.0158	0.000107	0.0043	0.0003	<0.0001	<0.002				1.46	1.40	2.14
BR02-5	HC-21	0.000022	0.0002	0.0015	0.00533	0.000145	0.0060	0.0003	<0.0001	<0.002				1.10	1.14	-2.14
BR02-5	HC-21	0.000016	0.0000	0.0007	0.00326	0.000202	0.0061	0.0003	<0.0001	<0.002				0.96	0.91	2.67
BR02-5	HC-21	0.000033	0.0002	0.0015	0.00184	0.000229	0.0098	0.0002	<0.0001	<0.002				0.66	0.67	-0.98
BR02-5	HC-21	0.000016	0.0001	0.0009	0.00177	0.000242	0.0100	0.0002	<0.0001	<0.002				0.65	0.66	-0.99
BR02-5	HC-21	0.000016	0.0003	0.0012	0.00163	0.000278	0.0095	0.0008	0.0002	<0.002				0.57	0.60	-3.00
BR02-5	HC-21	0.000019	0.0001	0.0011	0.00095	0.000237	0.0080	0.0003	<0.0001	<0.002				0.52	0.50	1.27
BR02-5	HC-21	0.000012	0.0002	0.0010	0.00170	0.000230	0.0068	0.0003	<0.0001	0.006				0.49	0.53	-3.81
BR02-5	HC-21	0.000019	0.0002	0.0006	0.00148	0.000201	0.0064	0.0004	<0.0001	0.011				0.43	0.47	-4.42
BR02-5	HC-21	0.000057	0.0001	0.0016	0.00134	0.000230	0.0073	0.0007	<0.0001	<0.002				0.49	0.50	-0.30
BR02-5	HC-21	0.000020	0.0002	0.0014	0.00156	0.000187	0.0083	0.0003	0.0001	<0.002				0.38	0.42	-5.42
BR02-5	HC-21	0.000006	0.0004	0.0010	0.00125	0.000192	0.0066	0.0004	<0.0001	<0.002				0.43	0.43	0.58
BR02-5	HC-21	0.000017	0.0000	0.0007	0.00097	0.000167	0.0059	0.0002	<0.0001	<0.002				0.36	0.39	-4.04
BR02-5	HC-21	0.000006	0.0002	<0.0005	0.00140	0.000174	0.0056	0.0016	<0.0001	<0.002				0.41	0.42	-1.45
BR02-5	HC-21	0.000038	0.0000	0.0019	0.00097	0.000156	0.0065	0.0002	<0.0001	<0.002				0.39	0.41	-3.50
BR02-5	HC-21	0.000014	<0.00001	0.0045	0.00185	0.000160	0.0055	0.0005	<0.0001	<0.002				0.40	0.41	-0.50
BR02-5	HC-21	0.000008	<0.0002	0.0008	0.00037	0.000150	0.0051	<0.0001	0.0001	<0.002				0.40	0.42	-3.16
BR02-5	HC-21	0.000006	<0.0002	<0.0005	0.00165	0.000088	0.0046	0.0001	<0.0001	<0.002				0.31	0.33	-3.33

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	19	03-Jun-13	500	470	7.43	42.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	20	10-Jun-13	500	475		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	21	17-Jun-13	500	485	7.35	42.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	22	24-Jun-13	500	450		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	23	01-Jul-13	500	475	7.42	44.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	24	08-Jul-13	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	25	15-Jul-13	500	440	7.25	43.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	26	22-Jul-13	500	485		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	27	29-Jul-13	500	480	7.33	37.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	28	05-Aug-13	500	455		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	29	12-Aug-13	500	480	7.36	41.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	30	19-Aug-13	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	31	26-Aug-13	500	450	7.30	42.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	32	02-Sep-13	500	475		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	33	09-Sep-13	500	470	7.33	37.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	34	16-Sep-13	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	35	23-Sep-13	500	470	7.32	42.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	36	30-Sep-13	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	37	07-Oct-13	500	460	7.16	41.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	38	14-Oct-13	500	460		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	39	21-Oct-13	500	460	7.05	36.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	40	28-Oct-13	500	450		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	41	04-Nov-13	500	470	6.79	36.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	42	11-Nov-13	500	460		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	43	18-Nov-13	500	480	6.85	36.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	44	25-Nov-13	500	455		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	45	02-Dec-13	500	455	7.01	39.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	46	09-Dec-13	500	450		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	47	16-Dec-13	500	465	6.99	44.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	48	23-Dec-13	500	455		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	49	30-Dec-13	500	450	6.84	44.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	50	06-Jan-14	500	495		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	51	13-Jan-14	500	465	6.89	42.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	52	20-Jan-14	500	455		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	53	27-Jan-14	500	470	6.82	43.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	54	03-Feb-14	500	460		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	55	10-Feb-14	500	455	6.85	45.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	56	17-Feb-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	57	24-Feb-14	500	485	6.68	41.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	58	03-Mar-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	59	10-Mar-14	500	450	6.64	45.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	60	17-Mar-14	500	480		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	61	24-Mar-14	500	465	6.56	49.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	62	31-Mar-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	63	07-Apr-14	500	480	6.57	57.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	64	14-Apr-14	500	485		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	65	21-Apr-14	500	450	6.59	72.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	66	28-Apr-14	500	490		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	67	05-May-14	500	460	6.50	87.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	68	12-May-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	69	19-May-14	500	460	6.46	109

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-5	HC-21	135	7.8	<0.5	<0.5	8.3	0.11	<0.01	<0.5					9.9	0.0413	0.00136	0.200
BR02-5	HC-21																
BR02-5	HC-21	130	7.8	<0.5	<0.5	7.0	0.14	<0.01	<0.5					9.9	0.0394	0.00115	0.186
BR02-5	HC-21																
BR02-5	HC-21	120	9.8	<0.5	<0.5	7.7	0.14	<0.01	<0.5					11.2	0.0287	0.00119	0.163
BR02-5	HC-21																
BR02-5	HC-21	150	10.0	<0.5	<0.5	7.5	0.13	<0.01	0.5					11.7	0.0279	0.00106	0.149
BR02-5	HC-21																
BR02-5	HC-21	150	8.7	<0.5	<0.5	5.8	0.12	<0.01	<0.5					11.1	0.0245	0.00089	0.109
BR02-5	HC-21																
BR02-5	HC-21	140	8.8	<0.5	<0.5	4.7	0.15	<0.01	<0.5					11.4	0.0234	0.00089	0.127
BR02-5	HC-21																
BR02-5	HC-21	125	9.9	<0.5	<0.5	6.5	0.14	<0.01	<0.5					11.5	0.0152	0.00087	0.0987
BR02-5	HC-21																
BR02-5	HC-21	150	8.9	<0.5	1.0	4.5	0.15	<0.01	<0.5					10.8	0.0156	0.00072	0.103
BR02-5	HC-21																
BR02-5	HC-21	130	10.4	<0.5	<0.5	4.7	0.15	<0.01	<0.5					12.2	0.0132	0.00073	0.0915
BR02-5	HC-21																
BR02-5	HC-21	135	11.1	<0.5	0.8	3.3	0.15	<0.01	<0.5					14.2	0.0128	0.00063	0.0858
BR02-5	HC-21																
BR02-5	HC-21	140	11.4	<0.5	<0.5	4.3	0.17	<0.01	<0.5					12.7	0.0132	0.00060	0.0731
BR02-5	HC-21																
BR02-5	HC-21	130	10.2	<0.5	<0.5	3.9	0.14	<0.01	<0.5					13.0	0.0108	0.00053	0.0601
BR02-5	HC-21																
BR02-5	HC-21	140	10.9	<0.5	0.9	3.6	0.16	<0.01	0.5					10.9	0.0087	0.00050	0.0570
BR02-5	HC-21																
BR02-5	HC-21	160	11.7	<0.5	<0.5	3.6	0.13	<0.01	<0.5					12.3	0.0079	0.00045	0.0433
BR02-5	HC-21																
BR02-5	HC-21	135	15.0	<0.5	<0.5	2.8	0.14	<0.01	0.7					15.5	0.0063	0.00045	0.0414
BR02-5	HC-21																
BR02-5	HC-21	130	14.7	<0.5	1.0	3.1	0.14	<0.01	<0.5					14.7	0.0073	0.00045	0.0372
BR02-5	HC-21																
BR02-5	HC-21	135	13.3	<0.5	0.6	1.8	0.13	<0.01	<0.5					13.8	0.0055	0.00038	0.0354
BR02-5	HC-21																
BR02-5	HC-21	130	14.0	<0.5	0.9	2.5	0.13	<0.01	<0.5					14.0	0.0042	0.00034	0.0261
BR02-5	HC-21																
BR02-5	HC-21	135	16.0	<0.5	1.2	2.9	0.13	<0.01	<0.5					15.9	0.0039	0.00036	0.0270
BR02-5	HC-21																
BR02-5	HC-21	150	13.6	<0.5	0.6	2.1	0.10	<0.01	<0.5					13.6	0.0037	0.00027	0.0180
BR02-5	HC-21																
BR02-5	HC-21	160	15.1	<0.5	<0.5	1.9	0.09	<0.01	0.6					15.2	0.0035	0.00029	0.0164
BR02-5	HC-21																
BR02-5	HC-21	140	14.6	<0.5	0.8	1.1	0.12	<0.01	<0.5					15.1	0.0022	0.00027	0.0161
BR02-5	HC-21																
BR02-5	HC-21	140	18.7	<0.5	<0.5	1.3	0.12	<0.01	<0.5					18.6	0.0024	0.00027	0.0145
BR02-5	HC-21																
BR02-5	HC-21	140	24.2	<0.5	1.3	1.4	0.13	<0.01	<0.5					24.8	0.0022	0.00027	0.0141
BR02-5	HC-21																
BR02-5	HC-21	145	31.3	<0.5	0.7	1.0	0.11	<0.01	0.7					31.7	0.0028	0.00025	0.0105
BR02-5	HC-21																
BR02-5	HC-21	130	40.2	<0.5	1.0	0.9	0.12	<0.01	<0.5					39.9	0.0030	0.00024	0.00942

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-5	HC-21	0.00063	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.99	0.0001	0.000180	0.00010	<0.00005	0.009	0.000020	0.0023	1.81
BR02-5	HC-21															
BR02-5	HC-21	0.00057	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	0.98	0.0003	0.000197	0.00011	<0.00005	0.012	0.000021	0.0022	1.82
BR02-5	HC-21															
BR02-5	HC-21	0.00080	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.12	<0.0001	0.000238	0.00009	<0.00005	0.006	0.000013	0.0023	2.05
BR02-5	HC-21															
BR02-5	HC-21	0.00068	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.17	0.0001	0.000259	0.00009	<0.00005	0.008	0.000015	0.0024	2.14
BR02-5	HC-21															
BR02-5	HC-21	0.00060	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.03	0.0002	0.000291	0.00027	<0.00005	0.011	0.000022	0.0023	2.07
BR02-5	HC-21															
BR02-5	HC-21	0.00056	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.13	<0.0001	0.000292	0.00007	<0.00005	0.005	0.000011	0.0025	2.08
BR02-5	HC-21															
BR02-5	HC-21	0.00322	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.07	<0.0001	0.000329	<0.00005	<0.00005	0.002	0.000005	0.0025	2.13
BR02-5	HC-21															
BR02-5	HC-21	0.00056	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.02	<0.0001	0.000303	0.00011	<0.00005	0.002	0.000007	0.0024	1.99
BR02-5	HC-21															
BR02-5	HC-21	0.00063	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.17	<0.0001	0.000385	0.00015	<0.00005	0.002	0.000009	0.0026	2.26
BR02-5	HC-21															
BR02-5	HC-21	0.00067	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.27	<0.0001	0.000398	0.00006	<0.00005	0.001	0.000005	0.0025	2.69
BR02-5	HC-21															
BR02-5	HC-21	0.00045	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.11	<0.0001	0.000417	0.00008	<0.00005	0.004	0.000009	0.0031	2.41
BR02-5	HC-21															
BR02-5	HC-21	0.00059	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.18	<0.0001	0.000540	0.00012	<0.00005	0.003	0.000007	0.0027	2.44
BR02-5	HC-21															
BR02-5	HC-21	0.00063	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.05	<0.0001	0.000491	0.00033	<0.00005	0.002	0.000013	0.0026	2.00
BR02-5	HC-21															
BR02-5	HC-21	0.00060	<0.00001	<0.000005	<0.05	<0.00005	0.000005	1.17	<0.0001	0.000543	0.00008	<0.00005	0.003	0.000008	0.0025	2.27
BR02-5	HC-21															
BR02-5	HC-21	0.00068	<0.00001	<0.000005	<0.05	<0.00005	0.000005	1.36	<0.0001	0.000717	0.00016	<0.00005	0.001	0.000006	0.0028	2.93
BR02-5	HC-21															
BR02-5	HC-21	0.00061	<0.00001	<0.000005	<0.05	<0.00005	0.000006	1.34	<0.0001	0.000675	0.00013	<0.00005	0.002	0.000007	0.0027	2.75
BR02-5	HC-21															
BR02-5	HC-21	0.00063	<0.00001	<0.000005	<0.05	<0.00005	0.000005	1.20	<0.0001	0.000667	0.00010	<0.00005	0.002	0.000006	0.0025	2.63
BR02-5	HC-21															
BR02-5	HC-21	0.00056	<0.00001	<0.000005	<0.05	<0.00005	0.000007	1.24	<0.0001	0.000769	0.00006	<0.00005	0.001	0.000006	0.0024	2.65
BR02-5	HC-21															
BR02-5	HC-21	0.00069	<0.00001	<0.000005	<0.05	<0.00005	0.000007	1.34	<0.0001	0.000967	0.00011	<0.00005	0.002	0.000009	0.0022	3.06
BR02-5	HC-21															
BR02-5	HC-21	0.00056	<0.00001	<0.000005	<0.05	<0.00005	0.000007	1.15	<0.0001	0.000858	0.00007	0.00005	<0.001	0.000005	0.0023	2.62
BR02-5	HC-21															
BR02-5	HC-21	0.00160	<0.00001	<0.000005	<0.05	<0.00005	0.000010	1.29	<0.0001	0.001020	0.00009	<0.00005	<0.001	0.000007	0.0026	2.90
BR02-5	HC-21															
BR02-5	HC-21	0.00077	<0.00001	<0.000005	<0.05	<0.00005	0.000014	1.25	<0.0001	0.001530	0.00011	0.00006	0.001	0.000007	0.0024	2.90
BR02-5	HC-21															
BR02-5	HC-21	0.00094	<0.00001	<0.000005	<0.05	<0.00005	0.000023	1.63	<0.0001	0.002700	0.00009	0.00014	0.004	0.000009	0.0028	3.54
BR02-5	HC-21															
BR02-5	HC-21	0.00149	<0.00001	<0.000005	<0.05	<0.00005	0.000026	2.07	<0.0001	0.002640	0.00015	0.00023	0.005	0.000010	0.0030	4.78
BR02-5	HC-21															
BR02-5	HC-21	0.00158	<0.00001	<0.000005	<0.05	<0.00005	0.000043	2.71	<0.0001	0.005660	0.00035	0.00070	0.048	0.000006	0.0034	6.05
BR02-5	HC-21															
BR02-5	HC-21	0.00192	<0.00001	<0.000005	<0.05	<0.00005	0.000041	3.33	<0.0001	0.005950	0.00046	0.00110	0.047	0.000057	0.0035	7.67

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-5	HC-21	0.00225	<0.00001	<0.002	0.00087	0.00035	5.66	0.00919	0.00032	3.7	<0.000005	0.41	0.00643	<10	<0.00002	0.000006
BR02-5	HC-21															
BR02-5	HC-21	0.00231	<0.00001	0.016	0.00080	0.00033	4.95	0.00811	0.00029	3.8	0.000010	0.38	0.00629	<10	<0.00002	0.000007
BR02-5	HC-21															
BR02-5	HC-21	0.00283	<0.00001	0.002	0.00087	0.00028	4.53	0.00752	0.00030	4.1	<0.000005	0.33	0.00698	<10	<0.00002	0.000004
BR02-5	HC-21															
BR02-5	HC-21	0.00315	<0.00001	0.005	0.00084	0.00058	4.43	0.00743	0.00025	3.9	<0.000005	0.34	0.00701	<10	<0.00002	0.000009
BR02-5	HC-21															
BR02-5	HC-21	0.00347	<0.00001	0.003	0.00070	0.00038	3.78	0.00655	0.00021	3.4	<0.000005	0.32	0.00653	<10	<0.00002	0.000007
BR02-5	HC-21															
BR02-5	HC-21	0.00349	<0.00001	0.002	0.00070	0.00032	3.79	0.00660	0.00029	4.1	<0.000005	0.31	0.00670	<10	<0.00002	0.000009
BR02-5	HC-21															
BR02-5	HC-21	0.00390	<0.00001	<0.002	0.00067	0.00041	3.39	0.00644	0.00018	3.9	<0.000005	0.28	0.00738	<10	<0.00002	0.000006
BR02-5	HC-21															
BR02-5	HC-21	0.00384	<0.00001	0.008	0.00052	0.00050	3.11	0.00567	0.00019	3.9	<0.000005	0.26	0.00609	<10	<0.00002	0.000005
BR02-5	HC-21															
BR02-5	HC-21	0.00434	<0.00001	0.006	0.00061	0.00053	3.23	0.00599	0.00026	4.0	<0.000005	0.27	0.00714	<10	<0.00002	0.000008
BR02-5	HC-21															
BR02-5	HC-21	0.00455	<0.00001	0.004	0.00062	0.00059	3.31	0.00642	0.00018	4.3	<0.000005	0.28	0.00741	<10	<0.00002	0.000006
BR02-5	HC-21															
BR02-5	HC-21	0.00538	<0.00001	0.005	0.00058	0.00070	3.01	0.00561	0.00020	3.9	<0.000005	0.26	0.00684	<10	<0.00002	0.000006
BR02-5	HC-21															
BR02-5	HC-21	0.00576	<0.00001	0.003	0.00062	0.00090	2.96	0.00472	0.00018	4.0	<0.000005	0.25	0.00708	<10	<0.00002	0.000007
BR02-5	HC-21															
BR02-5	HC-21	0.00544	<0.00001	0.009	0.00046	0.00130	2.46	0.00474	0.00018	3.5	<0.000005	0.22	0.00605	<10	<0.00002	0.000007
BR02-5	HC-21															
BR02-5	HC-21	0.00627	<0.00001	0.008	0.00040	0.00111	2.39	0.00509	0.00022	3.5	<0.000005	0.23	0.00684	<10	<0.00002	0.000008
BR02-5	HC-21															
BR02-5	HC-21	0.00856	<0.00001	0.009	0.00049	0.00155	2.72	0.00548	0.00029	3.6	<0.000005	0.28	0.00845	<10	<0.00002	0.000009
BR02-5	HC-21															
BR02-5	HC-21	0.00803	<0.00001	0.005	0.00060	0.00157	2.54	0.00465	0.00015	3.7	<0.000005	0.24	0.00810	<10	<0.00002	0.000008
BR02-5	HC-21															
BR02-5	HC-21	0.00791	<0.00001	0.016	0.00037	0.00165	2.36	0.00438	0.00013	3.4	<0.000005	0.23	0.00782	<10	<0.00002	0.000007
BR02-5	HC-21															
BR02-5	HC-21	0.00971	<0.00001	0.005	0.00031	0.00257	2.31	0.00430	0.00016	3.3	<0.000005	0.20	0.00792	<10	<0.00002	0.000007
BR02-5	HC-21															
BR02-5	HC-21	0.0112	<0.00001	0.007	0.00037	0.00286	2.25	0.00447	0.00015	3.1	<0.000005	0.23	0.00865	<10	<0.00002	0.000009
BR02-5	HC-21															
BR02-5	HC-21	0.0109	<0.00001	0.005	0.00029	0.00364	1.91	0.00380	0.00013	2.7	<0.000005	0.17	0.00759	<10	<0.00002	0.000008
BR02-5	HC-21															
BR02-5	HC-21	0.0132	<0.00001	0.003	0.00026	0.00447	1.95	0.00382	0.00012	2.9	<0.000005	0.18	0.00861	<10	<0.00002	0.000010
BR02-5	HC-21															
BR02-5	HC-21	0.0170	<0.00001	0.003	0.00022	0.00840	1.92	0.00396	0.00016	2.9	<0.000005	0.18	0.00921	<10	<0.00002	0.000010
BR02-5	HC-21															
BR02-5	HC-21	0.0222	<0.00001	<0.002	0.00026	0.01270	2.23	0.00435	0.00020	3.3	<0.000005	0.20	0.0115	<10	<0.00002	0.000010
BR02-5	HC-21															
BR02-5	HC-21	0.0214	<0.00001	0.003	0.00022	0.00988	2.57	0.00498	0.00031	3.5	<0.000005	0.25	0.0143	<10	<0.00002	0.000012
BR02-5	HC-21															
BR02-5	HC-21	0.0295	<0.00001	0.002	0.00025	0.0160	2.94	0.00574	0.00041	3.6	<0.000005	0.26	0.0185	11	<0.00002	0.000014
BR02-5	HC-21															
BR02-5	HC-21	0.0357	<0.00001	0.004	0.00024	0.0173	3.29	0.00668	0.00049	4.3	<0.000005	0.31	0.0238	15	<0.00002	0.000018

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-5	HC-21	0.000006	<0.0002	<0.0005	0.00063	0.000116	0.0052	0.0002	<0.0001	<0.002				0.33	0.37	-4.72
BR02-5	HC-21															
BR02-5	HC-21	0.000007	0.0014	<0.0005	0.00025	0.000098	0.0047	0.0004	<0.0001	<0.002				0.31	0.35	-5.47
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00097	0.000088	0.0032	0.0002	<0.0001	<0.002				0.37	0.36	1.24
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00094	0.000088	0.0035	0.0003	<0.0001	<0.002				0.38	0.37	2.14
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00045	0.000070	0.0024	0.0003	<0.0001	<0.002				0.30	0.34	-5.33
BR02-5	HC-21															
BR02-5	HC-21	0.000006	<0.0002	<0.0005	0.00036	0.000061	0.0027	0.0014	<0.0001	<0.002				0.29	0.34	-8.95
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00038	0.000064	0.0024	0.0015	<0.0001	<0.002				0.34	0.33	2.08
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00015	0.000048	0.0026	0.0004	<0.0001	<0.002				0.28	0.31	-4.23
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00037	0.000046	0.0021	0.0004	<0.0001	<0.002				0.32	0.34	-3.19
BR02-5	HC-21															
BR02-5	HC-21	0.000021	<0.0002	<0.0005	0.00034	0.000042	0.0021	0.0002	<0.0001	<0.002				0.31	0.38	-11.20
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00034	0.000035	0.0019	0.0003	<0.0001	<0.002				0.33	0.34	-1.78
BR02-5	HC-21															
BR02-5	HC-21	0.000005	<0.0002	<0.0005	0.00024	0.000029	0.0016	0.0001	<0.0001	0.003				0.30	0.35	-7.57
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00020	0.000031	0.0014	0.0010	<0.0001	<0.002				0.32	0.29	5.06
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00007	0.000030	0.0012	0.0003	<0.0001	<0.002				0.32	0.32	0.47
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00005	0.000030	0.0013	0.0003	<0.0001	<0.002				0.40	0.39	0.38
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00007	0.000026	0.0011	0.0004	<0.0001	<0.002				0.38	0.37	0.94
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00005	0.000024	0.0010	0.0003	<0.0001	<0.002				0.32	0.35	-4.04
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00004	0.000026	0.0009	0.0003	<0.0001	<0.002				0.35	0.35	-0.14
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00004	0.000024	0.0009	0.0006	<0.0001	<0.002				0.40	0.39	1.40
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00003	0.000018	0.0005	0.0002	<0.0001	<0.002				0.33	0.33	0.30
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00003	0.000017	0.0004	0.0008	<0.0001	<0.002				0.38	0.36	1.76
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	0.0004	0.0004	<0.0001	<0.002				0.33	0.36	-3.76
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00003	0.000021	0.0004	0.0006	<0.0001	<0.002				0.42	0.44	-2.09
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00001	0.000023	0.0005	0.0013	<0.0001	<0.002				0.54	0.57	-3.14
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00002	0.000033	0.0005	0.0016	<0.0001	<0.002				0.70	0.72	-1.76
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00001	0.000042	0.0003	0.0017	<0.0001	<0.002				0.86	0.90	-2.10

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	70	26-May-14	500	480		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	71	02-Jun-14	500	460	6.49	88.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	72	09-Jun-14	500	485		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	73	16-Jun-14	500	460	6.43	83.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	74	23-Jun-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	75	30-Jun-14	500	465	6.28	78.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	76	07-Jul-14	500	460		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	77	14-Jul-14	500	480	6.21	76.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	78	21-Jul-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	79	28-Jul-14	500	470	6.01	68.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	80	04-Aug-14	500	480		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	81	11-Aug-14	500	475	5.93	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	82	18-Aug-14	500	490		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	83	25-Aug-14	500	465	5.97	79.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	84	01-Sep-14	500	465		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	85	08-Sep-14	500	460	5.30	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	86	15-Sep-14	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	87	22-Sep-14	500	475	5.06	98.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	88	29-Sep-14	500	440		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	89	06-Oct-14	500	485	4.97	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	90	13-Oct-14	500	480		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	91	20-Oct-14	500	485	5.01	85.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	92	27-Oct-14	500	485		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	93	03-Nov-14	500	460	4.83	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	94	10-Nov-14	500	455		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	95	17-Nov-14	500	450	4.77	95.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	96	24-Nov-14	500	490		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	97	01-Dec-14	500	485	4.85	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	98	08-Dec-14	500	475		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	99	15-Dec-14	500	475	4.69	101
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	100	22-Dec-14	500	465		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	101	29-Dec-14	500	455	4.62	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	102	05-Jan-15	500	450		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	103	12-Jan-15	500	455	4.55	128
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	104	19-Jan-15	500	485		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	105	26-Jan-15	500	485	4.65	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	106	02-Feb-15	500	450		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	107	09-Feb-15	500	485	4.67	88.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	108	16-Feb-15	500	490		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	109	23-Feb-15	500	475	4.68	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	110	02-Mar-15	500	480		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	111	09-Mar-15	500	475	4.70	79.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	112	16-Mar-15	500	470		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	113	23-Mar-15	500	450	4.71	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	114	30-Mar-15	500	495		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	115	06-Apr-15	500	465	4.66	81.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	116	13-Apr-15	500	450		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	117	20-Apr-15	500	495	4.66	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	118	27-Apr-15	500	455		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	119	04-May-15	500	470	4.53	83.0
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	120	11-May-15	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-5	HC-21																
BR02-5	HC-21	140	29.5	<0.5	1.0	0.8	0.12	<0.01	<0.5					30.3	0.0043	0.00021	0.0103
BR02-5	HC-21																
BR02-5	HC-21	140	28.2	<0.5	0.7	1.1	0.12	<0.01	0.6					27.3	0.0069	0.00018	0.00806
BR02-5	HC-21																
BR02-5	HC-21	145	27.9	<0.5	0.7	0.5	0.12	<0.01	<0.5					29.5	0.0072	0.00016	0.00716
BR02-5	HC-21																
BR02-5	HC-21	130	28.1	<0.5	0.9	1.2	0.10	<0.01	<0.5					27.9	0.0112	0.00014	0.00586
BR02-5	HC-21																
BR02-5	HC-21	140	23.7	<0.5	0.8	0.9	0.08	<0.01	<0.5					23.6	0.0181	0.00010	0.00319
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	110	25.3	<0.5	3.9	<0.5	0.08		<0.5					24.8	0.0613	0.00007	0.00198
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	190	30.7	<0.5	3.4	<0.5	0.12		<0.5					32.4	0.158	0.00005	0.00252
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	180	30.6	<0.5	5.1	<0.5	0.12		<0.5					25.8	0.168	0.00003	0.00110
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	190	34.3	<0.5	5.7	<0.5	0.15		<0.5					27.3	0.288	0.00002	0.00046
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	190	32.6	<0.5	8.0	<0.5	0.18		<0.5					28.8	0.355	<0.00002	0.00039
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	190	43.7	<0.5	13.5	<0.5	0.20		<0.5					33.6	0.510	<0.00002	0.00054
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	205	29.1	<0.5	9.0	<0.5	0.15		<0.5					22.2	0.318	<0.00002	0.00015
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	190	25.4	<0.5	7.9	<0.5	0.14		<0.5					19.3	0.278	<0.00002	0.00032
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	220	25.9	<0.5	8.1	<0.5	0.17		<0.5					20.1	0.321	<0.00002	0.00036
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	210	26.0	<0.5	9.3	<0.5	0.21		<0.5					19.8	0.477	<0.00002	0.00022
BR02-5	HC-21																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-5	HC-21															
BR02-5	HC-21	0.00155	<0.00001	<0.000005	<0.05	<0.00005	0.000034	2.52	0.0001	0.004760	0.00047	0.00076	0.044	0.000012	0.0034	5.83
BR02-5	HC-21															
BR02-5	HC-21	0.00173	<0.00001	<0.000005	<0.05	<0.00005	0.000043	2.38	<0.0001	0.00607	0.00035	0.00160	0.088	0.000021	0.0031	5.18
BR02-5	HC-21															
BR02-5	HC-21	0.00180	<0.00001	<0.000005	<0.05	<0.00005	0.000053	2.54	<0.0001	0.00704	0.00034	0.00217	0.084	0.000028	0.0037	5.61
BR02-5	HC-21															
BR02-5	HC-21	0.00231	<0.00001	<0.000005	<0.05	<0.00005	0.000070	2.39	<0.0001	0.0108	0.00053	0.00394	0.143	0.000030	0.0043	5.33
BR02-5	HC-21															
BR02-5	HC-21	0.00262	0.00002	<0.000005	<0.05	<0.00005	0.000082	1.97	<0.0001	0.0117	0.00100	0.00578	0.220	0.000062	0.0043	4.53
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.00476	0.00004	<0.000005	<0.05	<0.00005	0.000194	2.04	<0.0001	0.0255	0.00288	0.0163	0.274	0.000190	0.0061	4.78
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.00957	0.00006	<0.000005	<0.05	<0.00005	0.000349	2.68	<0.0001	0.0531	0.00571	0.0441	0.478	0.000686	0.0093	6.24
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0101	0.00007	<0.000005	<0.05	<0.00005	0.000343	2.18	<0.0001	0.0687	0.00622	0.0430	0.717	0.000953	0.0109	4.94
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0149	0.00009	<0.000005	<0.05	<0.00005	0.000439	2.49	<0.0001	0.0879	0.00945	0.0726	1.01	0.00132	0.0120	5.12
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0175	0.00012	<0.000005	<0.05	<0.00005	0.000518	2.49	<0.0001	0.103	0.0118	0.0833	0.930	0.00162	0.0150	5.48
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0247	0.00017	<0.000005	<0.05	<0.00005	0.000848	3.13	<0.0001	0.161	0.0169	0.137	1.56	0.00215	0.0167	6.26
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0160	0.00011	<0.000005	<0.05	<0.00005	0.000479	2.16	<0.0001	0.112	0.0107	0.0721	1.64	0.00134	0.0134	4.08
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0137	0.00010	<0.000005	<0.05	<0.00005	0.000418	1.85	<0.0001	0.0979	0.00996	0.0558	1.17	0.00117	0.0126	3.57
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0145	0.00011	<0.000005	<0.05	<0.00005	0.000430	2.19	<0.0001	0.0984	0.0116	0.0593	1.20	0.00131	0.0133	3.56
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0187	0.00016	<0.000005	<0.05	<0.00005	0.000595	2.24	<0.0001	0.118	0.0159	0.0998	1.11	0.00169	0.0133	3.44
BR02-5	HC-21															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-5	HC-21															
BR02-5	HC-21	0.0266	<0.00001	0.004	0.00023	0.0130	3.01	0.00620	0.00043	3.9	<0.000005	0.26	0.0203	11	<0.00002	0.000014
BR02-5	HC-21															
BR02-5	HC-21	0.0288	<0.00001	0.002	0.00021	0.0168	2.38	0.00557	0.00043	3.6	<0.000005	0.23	0.0174	<10	<0.00002	0.000013
BR02-5	HC-21															
BR02-5	HC-21	0.0377	<0.00001	0.005	0.00023	0.0206	2.74	0.00570	0.00037	3.8	<0.000005	0.25	0.0181	11	<0.00002	0.000014
BR02-5	HC-21															
BR02-5	HC-21	0.0469	<0.00001	0.005	0.00027	0.0316	2.63	0.00560	0.00033	4.2	<0.000005	0.25	0.0186	10	<0.00002	0.000013
BR02-5	HC-21															
BR02-5	HC-21	0.0468	<0.00001	0.004	0.00023	0.0360	2.14	0.00468	0.00027	3.3	<0.000005	0.19	0.0172	<10	<0.00002	0.000013
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0993	<0.00001	<0.002	0.00013	0.0829	2.09	0.00493	0.00028	3.3	<0.000005	0.21	0.0252	11	<0.00002	0.000017
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.194	<0.00001	0.002	<0.00005	0.163	2.77	0.00581	0.00039	3.9	<0.000005	0.28	0.0395	13	<0.00002	0.000027
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.195	<0.00001	<0.002	<0.00005	0.170	2.43	0.00579	0.00045	4.2	<0.000005	0.26	0.0399	<10	<0.00002	0.000028
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.215	<0.00001	0.003	<0.00005	0.215	2.54	0.00607	0.00042	4.4	<0.000005	0.24	0.0438	11	<0.00002	0.000025
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.233	<0.00001	0.010	<0.00005	0.265	2.63	0.00625	0.00046	4.4	<0.000005	0.28	0.0449	12	<0.00002	0.000031
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.337	<0.00001	0.004	<0.00005	0.506	2.99	0.00764	0.00061	4.8	<0.000005	0.30	0.0674	14	<0.00002	0.000034
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.219	<0.00001	0.003	<0.00005	0.316	2.02	0.00494	0.00033	3.6	<0.000005	0.25	0.0346	<10	<0.00002	0.000018
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.185	<0.00001	0.007	<0.00005	0.279	1.94	0.00497	0.00029	4.1	<0.000005	0.24	0.0318	<10	<0.00002	0.000016
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.182	0.00001	<0.002	<0.00005	0.302	1.90	0.00484	0.00027	4.2	<0.000005	0.24	0.0301	<10	<0.00002	0.000015
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.193	0.00001	<0.002	<0.00005	0.385	1.90	0.00560	0.00024	4.2	<0.000005	0.24	0.0333	<10	<0.00002	0.000022
BR02-5	HC-21															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00002	0.000031	0.0003	0.0018	<0.0001	<0.002				0.64	0.70	-4.34
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00002	0.000049	0.0003	0.0024	<0.0001	<0.002				0.633	0.621	0.960
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00002	0.000061	<0.0002	0.0029	<0.0001	<0.002				0.598	0.675	-6.05
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	0.00001	0.000082	<0.0002	0.0051	<0.0001	<0.002				0.614	0.644	-2.38
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000114	<0.0002	0.0064	<0.0001	<0.002				0.515	0.546	-2.92
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000222	<0.0002	0.0129	<0.0001	<0.002				0.532	0.579	-4.23
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.000005	<0.0002	<0.0005	<0.00001	0.000467	<0.0002	0.0238	<0.0001	<0.002				0.646	0.773	-8.95
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000512	<0.0002	0.0295	<0.0001	<0.002				0.644	0.641	0.230
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000815	<0.0002	0.0392	<0.0001	<0.002				0.722	0.699	1.62
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.00100	<0.0002	0.0452	<0.0001	<0.002				0.689	0.738	-3.43
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.00136	<0.0002	0.0607	<0.0001	<0.002				0.921	0.888	1.82
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000830	<0.0002	0.0407	<0.0001	<0.002				0.614	0.610	0.330
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000696	0.0007	0.0359	<0.0001	<0.002				0.536	0.527	0.850
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000693	0.0004	0.0370	<0.0001	<0.002				0.549	0.548	0.0900
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.000995	0.0004	0.0491	<0.0001	<0.002				0.553	0.556	-0.270
BR02-5	HC-21															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	121	18-May-15	500	470	4.44	
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	122	25-May-15	500	485		
BR02-5	HC-21	Llama	Mudstone	10GSE52	236.25	237.60	0.14	0.13	0.01	16.90	6.40	123	01-Jun-15	500	455	4.48	82.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	0	21-Jan-13	750	570	7.91	63.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	1	28-Jan-13	500	470	7.89	126
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	2	04-Feb-13	500	465	7.47	82.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	3	11-Feb-13	500	480	7.52	77.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	4	18-Feb-13	500	475	7.46	59.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	5	25-Feb-13	500	470	7.48	58.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	6	04-Mar-13	500	475	7.36	46.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	7	11-Mar-13	500	460	7.39	60.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	8	18-Mar-13	500	470	7.27	50.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	9	25-Mar-13	500	460	7.33	50.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	10	01-Apr-13	500	475	7.30	46.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	11	08-Apr-13	500	470	7.27	39.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	12	15-Apr-13	500	475	7.20	38.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	13	22-Apr-13	500	465	7.19	39.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	14	29-Apr-13	500	480	7.17	40.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	15	06-May-13	500	465	7.21	38.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	16	13-May-13	500	460	6.86	38.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	17	20-May-13	500	480	7.03	39.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	18	27-May-13	500	485	7.16	36.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	19	03-Jun-13	500	475	7.11	50.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	20	10-Jun-13	500	475		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	21	17-Jun-13	500	480	7.11	37.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	22	24-Jun-13	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	23	01-Jul-13	500	465	7.01	38.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	24	08-Jul-13	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	25	15-Jul-13	500	460	6.94	36.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	26	22-Jul-13	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	27	29-Jul-13	500	475	7.04	32.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	28	05-Aug-13	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	29	12-Aug-13	500	480	6.84	30.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	30	19-Aug-13	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	31	26-Aug-13	500	455	6.82	39.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	32	02-Sep-13	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	33	09-Sep-13	500	455	6.89	34.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	34	16-Sep-13	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	35	23-Sep-13	500	470	6.91	39.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	36	30-Sep-13	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	37	07-Oct-13	500	460	6.68	43.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	38	14-Oct-13	500	480		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	39	21-Oct-13	500	470	6.39	46.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-5	HC-21																
BR02-5	HC-21																
BR02-5	HC-21	210	27.3	<0.5	10.6	<0.5	0.21		<0.5					18.2	0.514	<0.00002	<0.00002

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-7	HC-23	140	3.7	<0.5	<0.5	11.5	0.11	0.030	5.0	0.09	0.018			7.6	1.370	0.00195	0.00598
BR02-7	HC-23	140	13.8	<0.5	<0.5	26.2	0.18	0.030	4.9	<0.02	<0.005			15.0	0.195	0.00471	0.06710
BR02-7	HC-23	135	12.7	<0.5	<0.5	15.1	0.10	<0.01	1.4	<0.02	<0.005			12.6	0.153	0.00236	0.07800
BR02-7	HC-23	135	16.1	<0.5	<0.5	13.9	0.10	<0.01	0.7	<0.02	<0.005			15.4	0.104	0.00213	0.09900
BR02-7	HC-23	145	11.5	<0.5	<0.5	10.9	0.07	<0.01	0.7	<0.02	<0.005			13.4	0.115	0.00150	0.11100
BR02-7	HC-23	140	13.5	<0.5	<0.5	12.8	0.08	<0.01	<0.5					15.1	0.109	0.00166	0.13500
BR02-7	HC-23	170	10.4	<0.5	<0.5	8.8	0.06	<0.01	<0.5					12.4	0.0911	0.00122	0.11500
BR02-7	HC-23	150	14.9	<0.5	<0.5	10.5	0.07	<0.01	0.6					16.3	0.107	0.00154	0.18100
BR02-7	HC-23	140	10.2	<0.5	<0.5	9.1	<0.05	<0.01	0.6					14.1	0.0841	0.00118	0.14500
BR02-7	HC-23	140	10.7	<0.5	<0.5	9.1	<0.05	<0.01	<0.5					14.0	0.0836	0.00112	0.15200
BR02-7	HC-23	125	9.2	<0.5	<0.5	7.7	<0.05	<0.01	0.8					13.1	0.0733	0.00106	0.15400
BR02-7	HC-23	150	8.6	<0.5	<0.5	7.2	<0.05	<0.01	<0.5					12.4	0.0667	0.00084	0.12100
BR02-7	HC-23	150	8.8	<0.5	0.6	6.6	<0.05	<0.01	0.5					12.1	0.0586	0.00079	0.12600
BR02-7	HC-23	160	8.2	<0.5	1.1	6.5	<0.05	<0.01	<0.5					11.9	0.0499	0.00071	0.11100
BR02-7	HC-23	140	9.5	<0.5	<0.5	6.5	<0.05	<0.01	0.6					12.6	0.0532	0.00075	0.11700
BR02-7	HC-23	130	9.4	<0.5	0.7	6.4	<0.05	<0.01	<0.5					13.1	0.0491	0.00067	0.11300
BR02-7	HC-23	130	10.9	<0.5	<0.5	6.2	<0.05	<0.01	<0.5					13.0	0.0906	0.00066	0.11400
BR02-7	HC-23	135	9.3	<0.5	<0.5	6.1	<0.05	<0.01	<0.5					13.1	0.0341	0.00057	0.08550
BR02-7	HC-23	140	8.7	<0.5	<0.5	5.8	<0.05	<0.01	<0.5					11.6	0.0424	0.00056	0.09680
BR02-7	HC-23	140	8.2	<0.5	<0.5	5.5	<0.05	<0.01	<0.5					12.4	0.0365	0.00049	0.08590
BR02-7	HC-23																
BR02-7	HC-23	140	8.7	<0.5	<0.5	4.9	<0.05	<0.01	<0.5					11.6	0.0284	0.00039	0.06120
BR02-7	HC-23																
BR02-7	HC-23	130	11.0	<0.5	0.8	4.4	<0.05	<0.01	<0.5					12.1	0.0194	0.00035	0.04840
BR02-7	HC-23																
BR02-7	HC-23	135	9.3	<0.5	<0.5	4.0	<0.05	<0.01	0.6					12.0	0.0177	0.00032	0.04060
BR02-7	HC-23																
BR02-7	HC-23	140	9.3	<0.5	<0.5	2.0	<0.05	<0.01	<0.5					10.4	0.0126	0.00025	0.02520
BR02-7	HC-23																
BR02-7	HC-23	140	12.1	<0.5	<0.5	2.1	<0.05	<0.01	<0.5					9.9	0.0074	0.00020	0.01830
BR02-7	HC-23																
BR02-7	HC-23	125	11.4	<0.5	<0.5	2.9	<0.05	<0.01	<0.5					11.8	0.0094	0.00025	0.02490
BR02-7	HC-23																
BR02-7	HC-23	155	10.2	<0.5	0.8	1.7	<0.05	<0.01	0.5					11.2	0.0070	0.00021	0.01490
BR02-7	HC-23																
BR02-7	HC-23	140	12.0	<0.5	<0.5	1.2	<0.05	<0.01	0.7					12.4	0.0055	0.00019	0.01250
BR02-7	HC-23																
BR02-7	HC-23	130	14.4	<0.5	<0.5	0.9	<0.05	<0.01	<0.5					16.4	0.0033	0.00016	0.00868
BR02-7	HC-23																
BR02-7	HC-23	145	16.2	<0.5	<0.5	0.9	<0.05	<0.01	1.6					17.4	0.0030	0.00012	0.00460

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.0182	0.00016	<0.000005	<0.05	<0.00005	0.000469	2.14	<0.0001	0.107	0.0168	0.0918	1.59	0.00173	0.0140	3.13

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-7	HC-23	0.00513	0.00003	0.000006	<0.05	0.00125	<0.000005	1.00	0.0025	0.000354	0.00073	0.00083	2.480	0.000297	0.0063	1.23
BR02-7	HC-23	0.00225	<0.00001	<0.000005	0.05	0.00095	<0.000005	2.78	<0.0001	0.000149	0.00053	<0.00005	0.043	0.000025	0.0063	1.96
BR02-7	HC-23	0.00165	<0.00001	<0.000005	<0.05	0.00054	<0.000005	2.23	0.0002	0.000172	0.00026	<0.00005	0.037	0.000030	0.0052	1.70
BR02-7	HC-23	0.00174	<0.00001	<0.000005	<0.05	0.00049	<0.000005	2.86	<0.0001	0.000257	0.00005	<0.00005	0.034	0.000025	0.0055	2.01
BR02-7	HC-23	0.00119	<0.00001	<0.000005	<0.05	0.00036	<0.000005	2.60	0.0002	0.000314	0.00008	<0.00005	0.048	0.000039	0.0050	1.68
BR02-7	HC-23	0.00148	<0.00001	<0.000005	<0.05	0.00038	<0.000005	2.74	0.0002	0.000366	0.00018	<0.00005	0.047	0.000032	0.0050	2.00
BR02-7	HC-23	0.00121	<0.00001	<0.000005	<0.05	0.00031	<0.000005	2.21	0.0002	0.000419	0.00021	<0.00005	0.040	0.000038	0.0049	1.66
BR02-7	HC-23	0.00142	<0.00001	<0.000005	<0.05	0.00032	<0.000005	2.81	0.0002	0.000584	0.00019	<0.00005	0.046	0.000104	0.0062	2.25
BR02-7	HC-23	0.00111	<0.00001	<0.000005	<0.05	0.00023	<0.000005	2.54	0.0002	0.000582	0.00035	<0.00005	0.049	0.000059	0.0053	1.87
BR02-7	HC-23	0.00108	<0.00001	<0.000005	<0.05	0.00021	0.000737	2.46	0.0002	0.000538	0.00062	<0.00005	0.042	0.000075	0.0055	1.89
BR02-7	HC-23	0.00103	<0.00001	<0.000005	<0.05	0.00021	<0.000005	2.29	0.0002	0.000645	0.00013	<0.00005	0.037	0.000032	0.0052	1.80
BR02-7	HC-23	0.00098	<0.00001	<0.000005	<0.05	0.00019	<0.000005	2.28	0.0002	0.000655	0.00038	<0.00005	0.046	0.000049	0.0044	1.64
BR02-7	HC-23	0.00095	<0.00001	<0.000005	<0.05	0.00019	<0.000005	2.12	<0.0001	0.000669	0.00035	<0.00005	0.035	0.000037	0.0045	1.64
BR02-7	HC-23	0.00087	<0.00001	<0.000005	<0.05	0.00018	<0.000005	2.06	<0.0001	0.000769	0.00007	<0.00005	0.037	0.000037	0.0045	1.64
BR02-7	HC-23	0.00095	<0.00001	<0.000005	<0.05	0.00017	<0.000005	2.14	<0.0001	0.000797	0.00008	<0.00005	0.032	0.000033	0.0050	1.77
BR02-7	HC-23	0.00087	<0.00001	<0.000005	<0.05	0.00020	<0.000005	2.27	<0.0001	0.000734	0.00006	<0.00005	0.024	0.000018	0.0049	1.81
BR02-7	HC-23	0.00134	<0.00001	<0.000005	<0.05	0.00020	<0.000005	2.26	0.0002	0.000934	0.00033	0.00005	0.107	0.000076	0.0051	1.79
BR02-7	HC-23	0.00091	<0.00001	<0.000005	<0.05	0.00017	<0.000005	2.27	<0.0001	0.000781	<0.00005	<0.00005	0.018	0.000026	0.0049	1.80
BR02-7	HC-23	0.00081	<0.00001	<0.000005	<0.05	0.00015	<0.000005	1.98	<0.0001	0.000726	<0.00005	<0.00005	0.022	0.000022	0.0046	1.62
BR02-7	HC-23	0.00076	<0.00001	<0.000005	<0.05	0.00014	<0.000005	2.08	0.0001	0.000764	0.00026	<0.00005	0.019	0.000028	0.0044	1.76
BR02-7	HC-23															
BR02-7	HC-23	0.00080	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.92	0.0003	0.000792	0.00008	<0.00005	0.018	0.000017	0.0038	1.66
BR02-7	HC-23															
BR02-7	HC-23	0.00077	<0.00001	<0.000005	<0.05	0.00012	0.000007	2.00	0.0002	0.000851	0.00005	<0.00005	0.008	0.000008	0.0034	1.72
BR02-7	HC-23															
BR02-7	HC-23	0.00079	<0.00001	<0.000005	<0.05	0.00011	<0.000005	1.91	0.0001	0.000958	0.00008	<0.00005	0.011	0.000012	0.0037	1.75
BR02-7	HC-23															
BR02-7	HC-23	0.00080	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.64	0.0001	0.00107	0.00027	<0.00005	0.014	0.000017	0.0030	1.54
BR02-7	HC-23															
BR02-7	HC-23	0.00063	<0.00001	<0.000005	<0.05	0.00010	<0.000005	1.62	<0.0001	0.00122	0.00005	<0.00005	0.004	<0.000005	0.0028	1.42
BR02-7	HC-23															
BR02-7	HC-23	0.00311	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.78	<0.0001	0.00139	<0.00005	<0.00005	0.002	<0.000005	0.0042	1.78
BR02-7	HC-23															
BR02-7	HC-23	0.00084	<0.00001	<0.000005	<0.05	0.00012	<0.000005	1.74	<0.0001	0.00173	0.00008	<0.00005	0.007	0.000008	0.0033	1.66
BR02-7	HC-23															
BR02-7	HC-23	0.00094	<0.00001	<0.000005	<0.05	0.00013	<0.000005	1.87	<0.0001	0.00228	0.00015	<0.00005	0.002	0.000008	0.0038	1.88
BR02-7	HC-23															
BR02-7	HC-23	0.00109	<0.00001	<0.000005	<0.05	0.00015	<0.000005	2.29	<0.0001	0.00361	<0.00005	<0.00005	0.002	0.000005	0.0041	2.59
BR02-7	HC-23															
BR02-7	HC-23	0.00125	<0.00001	<0.000005	<0.05	0.00014	0.000010	2.49	<0.0001	0.0094	0.00007	0.00006	0.018	0.000005	0.0047	2.72

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	0.174	<0.00001	0.003	<0.00005	0.285	1.95	0.00554	0.00022	4.3	<0.000005	0.24	0.0297	<10	<0.00002	0.000031

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-7	HC-23	0.01240	<0.00001	0.019	0.00526	0.00211	13.60	0.01930	0.00011	2.1	0.000006	1.83	0.00287	<10	<0.00002	0.000020
BR02-7	HC-23	0.00148	<0.00001	0.012	0.01300	0.00069	21.00	0.02630	0.00067	1.5	<0.000005	2.56	0.00819	<10	<0.00002	0.000007
BR02-7	HC-23	0.00147	0.00001	0.015	0.00589	0.00045	13.60	0.01560	0.00047	1.3	<0.000005	1.30	0.00629	<10	<0.00002	0.000005
BR02-7	HC-23	0.00182	<0.00001	0.007	0.00480	0.00055	11.70	0.01500	0.00041	1.4	<0.000005	0.92	0.00704	<10	<0.00002	0.000003
BR02-7	HC-23	0.00163	0.00001	0.012	0.00309	0.00049	8.20	0.01100	0.00033	1.4	<0.000005	0.54	0.00567	<10	<0.00002	0.000003
BR02-7	HC-23	0.00187	<0.00001	0.008	0.00328	0.00054	8.77	0.01090	0.00053	1.5	<0.000005	0.49	0.00673	<10	<0.00002	0.000003
BR02-7	HC-23	0.00168	<0.00001	0.007	0.00223	0.00060	6.47	0.00858	0.00025	1.1	<0.000005	0.30	0.00523	<10	<0.00002	0.000004
BR02-7	HC-23	0.00201	<0.00001	0.012	0.00270	0.00071	7.57	0.01020	0.00038	1.6	<0.000005	0.30	0.00653	<10	<0.00002	0.000003
BR02-7	HC-23	0.00196	0.00002	0.008	0.00195	0.00066	5.55	0.00748	0.00027	1.7	<0.000005	0.21	0.00516	<10	<0.00002	0.000003
BR02-7	HC-23	0.00202	<0.00001	0.007	0.00199	0.00067	5.43	0.00745	0.00036	1.7	<0.000005	0.18	0.00521	<10	<0.00002	0.000002
BR02-7	HC-23	0.00205	0.00002	0.004	0.00173	0.00069	4.67	0.00652	0.00033	1.7	<0.000005	0.14	0.00486	<10	<0.00002	0.000004
BR02-7	HC-23	0.00224	<0.00001	<0.002	0.00146	0.00067	3.94	0.00571	0.00029	1.8	0.000005	0.10	0.00450	<10	<0.00002	0.000005
BR02-7	HC-23	0.00213	<0.00001	0.004	0.00183	0.00070	3.79	0.00552	0.00025	1.7	<0.000005	0.10	0.00415	<10	<0.00002	0.000003
BR02-7	HC-23	0.00233	<0.00001	<0.002	0.00146	0.00073	3.47	0.00529	0.00021	1.6	<0.000005	0.08	0.00412	<10	<0.00002	0.000003
BR02-7	HC-23	0.00238	<0.00001	<0.002	0.00143	0.00080	3.59	0.00558	0.00015	1.8	<0.000005	0.08	0.00436	<10	<0.00002	0.000002
BR02-7	HC-23	0.00258	0.00002	<0.002	0.00103	0.00073	3.52	0.00540	0.00020	1.8	<0.000005	0.09	0.00448	<10	<0.00002	0.000003
BR02-7	HC-23	0.00344	0.00002	<0.002	0.00142	0.00090	3.26	0.00533	0.00025	2.3	<0.000005	0.06	0.00446	<10	<0.00002	0.000005
BR02-7	HC-23	0.00283	<0.00001	<0.002	0.00134	0.00074	3.13	0.00489	0.00022	2.0	<0.000005	0.05	0.00434	<10	<0.00002	0.000004
BR02-7	HC-23	0.00272	<0.00001	<0.002	0.00116	0.00072	2.91	0.00457	0.00017	2.2	<0.000005	0.05	0.00377	<10	<0.00002	0.000005
BR02-7	HC-23	0.00277	0.00002	<0.002	0.00117	0.00075	2.91	0.00444	0.00023	2.0	<0.000005	<0.05	0.00388	<10	<0.00002	0.000002
BR02-7	HC-23															
BR02-7	HC-23	0.00280	<0.00001	0.016	0.00101	0.00078	2.37	0.00405	0.00023	1.9	<0.000005	0.05	0.00356	<10	<0.00002	0.000004
BR02-7	HC-23															
BR02-7	HC-23	0.00323	<0.00001	<0.002	0.00103	0.00073	2.25	0.00389	0.00010	1.9	<0.000005	<0.05	0.00374	<10	<0.00002	0.000002
BR02-7	HC-23															
BR02-7	HC-23	0.00340	0.00002	0.006	0.00090	0.00103	2.24	0.00354	0.00014	1.8	<0.000005	<0.05	0.00357	<10	<0.00002	0.000005
BR02-7	HC-23															
BR02-7	HC-23	0.00382	<0.00001	<0.002	0.00068	0.00087	1.93	0.00336	0.00012	1.4	<0.000005	<0.05	0.00323	<10	<0.00002	0.000005
BR02-7	HC-23															
BR02-7	HC-23	0.00394	<0.00001	<0.002	0.00060	0.00100	1.55	0.00303	0.00011	1.4	<0.000005	<0.05	0.00297	<10	<0.00002	0.000004
BR02-7	HC-23															
BR02-7	HC-23	0.00577	<0.00001	<0.002	0.00066	0.00105	2.05	0.00406	0.00010	1.7	<0.000005	<0.05	0.00396	<10	<0.00002	0.000003
BR02-7	HC-23															
BR02-7	HC-23	0.00618	<0.00001	0.006	0.00044	0.00138	1.74	0.00351	0.00010	1.7	<0.000005	<0.05	0.00357	<10	<0.00002	0.000005
BR02-7	HC-23															
BR02-7	HC-23	0.0091	<0.00001	0.006	0.00042	0.00189	1.91	0.00389	0.00012	1.7	<0.000005	<0.05	0.00405	<10	<0.00002	0.000006
BR02-7	HC-23															
BR02-7	HC-23	0.0131	<0.00001	0.004	0.00027	0.00294	2.19	0.00439	0.00012	1.8	<0.000005	<0.05	0.00517	<10	<0.00002	0.000006
BR02-7	HC-23															
BR02-7	HC-23	0.0264	<0.00001	0.003	0.00021	0.00627	2.12	0.00452	0.00014	1.7	<0.000005	<0.05	0.00615	<10	<0.00002	0.000007

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-5	HC-21															
BR02-5	HC-21															
BR02-5	HC-21	<0.000005	<0.0002	<0.0005	<0.00001	0.00112	<0.0002	0.0547	<0.0001	<0.002				0.579	0.547	2.84

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-7	HC-23	0.000151	0.0001	0.0460	0.00057	0.000093	0.0022	0.0035	0.0003	<0.002				0.45	0.82	-28.90
BR02-7	HC-23	0.000010	0.0001	0.0013	0.00188	0.000220	0.0012	0.0002	<0.0001	<0.002				0.96	0.97	-0.72
BR02-7	HC-23	0.000017	0.0001	0.0011	0.00070	0.000195	0.0010	0.0006	<0.0001	<0.002				0.61	0.68	-4.90
BR02-7	HC-23	0.000017	0.0000	0.0008	0.00090	0.000239	0.0010	0.0005	<0.0001	<0.002				0.64	0.66	-1.69
BR02-7	HC-23	<0.000005	0.0001	0.0009	0.00042	0.000191	0.0009	0.0002	<0.0001	<0.002				0.48	0.52	-3.41
BR02-7	HC-23	0.000006	0.0001	0.0016	0.00055	0.000202	0.0013	0.0002	<0.0001	<0.002				0.54	0.56	-1.81
BR02-7	HC-23	0.000006	0.0001	0.0015	0.00041	0.000150	0.0010	0.0002	<0.0001	<0.002				0.40	0.44	-4.92
BR02-7	HC-23	0.000062	0.0002	0.0014	0.00042	0.000194	0.0017	0.0005	<0.0001	<0.002				0.54	0.55	-0.55
BR02-7	HC-23	0.000010	0.0001	0.0013	0.00043	0.000127	0.0013	0.0005	<0.0001	<0.002				0.41	0.44	-3.87
BR02-7	HC-23	0.000011	0.0011	0.0011	0.00036	0.000121	0.0013	0.0031	0.0003	0.005				0.40	0.44	-3.92
BR02-7	HC-23	0.000007	0.0001	0.0009	0.00027	0.000092	0.0013	0.0003	<0.0001	<0.002				0.37	0.40	-3.93
BR02-7	HC-23	<0.000005	0.0002	0.0017	0.00020	0.000074	0.0011	0.0004	<0.0001	<0.002				0.32	0.36	-5.99
BR02-7	HC-23	<0.000005	0.0004	0.0008	0.00017	0.000058	0.0011	0.0004	<0.0001	<0.002				0.33	0.35	-2.79
BR02-7	HC-23	0.000005	0.0000	0.0010	0.00024	0.000052	0.0012	0.0002	<0.0001	<0.002				0.30	0.34	-5.97
BR02-7	HC-23	0.000006	0.0000	0.0013	0.00032	0.000050	0.0012	0.0002	<0.0001	<0.002				0.34	0.36	-1.57
BR02-7	HC-23	0.000006	<0.00001	0.0005	0.00010	0.000033	0.0009	0.0002	<0.0001	<0.002				0.32	0.36	-5.69
BR02-7	HC-23	0.000008	<0.00001	0.0036	0.00058	0.000057	0.0012	0.0008	0.0001	<0.002				0.35	0.36	-1.27
BR02-7	HC-23	<0.000005	<0.0002	0.0008	0.00011	0.000034	0.0013	0.0002	<0.0001	<0.002				0.32	0.35	-4.82
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00091	0.000039	0.0011	0.0002	<0.0001	<0.002				0.30	0.31	-2.61
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00014	0.000030	0.0015	0.0026	<0.0001	<0.002				0.28	0.33	-7.72
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	0.0015	0.0005	0.00009	0.000021	0.0015	0.0003	<0.0001	<0.002				0.28	0.30	-3.45
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	0.0008	<0.0005	0.00020	0.000015	0.0004	0.0002	<0.0001	<0.002				0.32	0.30	2.27
BR02-7	HC-23	<0.000005	0.0002	<0.0005	0.00013	0.000018	0.0005	0.0006	<0.0001	<0.002				0.29	0.30	-1.36
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00007	0.000010	0.0002	0.0003	<0.0001	<0.002				0.23	0.26	-5.48
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00005	0.000007	0.0003	0.0002	<0.0001	<0.002				0.29	0.24	10.50
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00006	0.000009	0.0004	0.0013	<0.0001	<0.002				0.30	0.29	1.20
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00003	0.000007	<0.0002	0.0011	<0.0001	<0.002				0.26	0.27	-1.32
BR02-7	HC-23	<0.000005	0.0003	<0.0005	0.00005	0.000006	0.0002	0.0006	0.0002	<0.002				0.29	0.30	-0.85
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00004	0.000004	<0.0002	0.0004	<0.0001	<0.002				0.32	0.39	-9.53
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00005	0.000006	<0.0002	0.0007	<0.0001	<0.002				0.40	0.41	-0.62

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	40	28-Oct-13	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	41	04-Nov-13	500	460	6.33	78.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	42	11-Nov-13	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	43	18-Nov-13	500	465	5.64	118
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	44	25-Nov-13	500	445		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	45	02-Dec-13	500	455	4.76	171
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	46	09-Dec-13	500	450		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	47	16-Dec-13	500	450	4.59	189
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	48	23-Dec-13	500	450		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	49	30-Dec-13	500	460	4.51	202
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	50	06-Jan-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	51	13-Jan-14	500	450	4.18	173
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	52	20-Jan-14	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	53	27-Jan-14	500	450	4.31	196
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	54	03-Feb-14	500	450		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	55	10-Feb-14	500	450	4.39	194
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	56	17-Feb-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	57	24-Feb-14	500	460	4.24	173
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	58	03-Mar-14	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	59	10-Mar-14	500	450	4.12	165
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	60	17-Mar-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	61	24-Mar-14	500	460	4.08	163
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	62	31-Mar-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	63	07-Apr-14	500	470	4.06	160
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	64	14-Apr-14	500	475		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	65	21-Apr-14	500	465	4.03	156
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	66	28-Apr-14	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	67	05-May-14	500	470	4.04	136
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	68	12-May-14	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	69	19-May-14	500	470	3.99	149
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	70	26-May-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	71	02-Jun-14	500	460	3.97	142
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	72	09-Jun-14	500	450		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	73	16-Jun-14	500	460	3.96	146
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	74	23-Jun-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	75	30-Jun-14	500	460	3.97	137
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	76	07-Jul-14	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	77	14-Jul-14	500	470	3.97	130
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	78	21-Jul-14	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	79	28-Jul-14	500	455	3.97	130
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	80	04-Aug-14	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	81	11-Aug-14	500	460	4.05	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	82	18-Aug-14	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	83	25-Aug-14	500	470	4.08	110
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	84	01-Sep-14	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	85	08-Sep-14	500	460	4.06	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	86	15-Sep-14	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	87	22-Sep-14	500	465	4.07	107
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	88	29-Sep-14	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	89	06-Oct-14	500	460	4.07	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	90	13-Oct-14	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-7	HC-23																
BR02-7	HC-23	160	27.0	<0.5	1.5	0.5	<0.05	<0.01	2.9					29.6	0.0074	0.00010	0.00175
BR02-7	HC-23																
BR02-7	HC-23	180	46.9	<0.5	9.6	0.5	<0.05	<0.01	2.8					35.6	0.0477	0.00006	0.00148
BR02-7	HC-23																
BR02-7	HC-23	210	55.8	<0.5	15.3	<0.5	0.09	<0.01	5.3					41.5	0.204	<0.00002	0.00155
BR02-7	HC-23																
BR02-7	HC-23	215	75.6	<0.5	30.2	<0.5	0.15	<0.01	4.1					41.8	0.506	<0.00002	0.00294
BR02-7	HC-23																
BR02-7	HC-23	205	84.7	<0.5	41.3	<0.5	0.18	0.013	1.5					42.5	0.697	<0.00002	0.00267
BR02-7	HC-23																
BR02-7	HC-23	225	63.8	<0.5	33.2	<0.5	0.14	<0.01	1.6					30.7	0.639	<0.00002	0.00250
BR02-7	HC-23																
BR02-7	HC-23	205	73.3	1.2	40.1	<0.5	0.18	<0.01	1.5					34.3	0.721	<0.00002	0.00194
BR02-7	HC-23																
BR02-7	HC-23	230	77.8	<0.5	49.6	<0.5	0.17	0.016	0.5					29.6	0.815	<0.00002	0.00257
BR02-7	HC-23																
BR02-7	HC-23	260	67.2	2.3	44.3	<0.5	0.16	<0.01	<0.5					24.2	0.891	<0.00002	0.00198
BR02-7	HC-23																
BR02-7	HC-23	290	57.3	2.1	39.0	<0.5	0.14	<0.01	<0.5					24.1	0.842	<0.00002	0.00150
BR02-7	HC-23																
BR02-7	HC-23	300	61.4	4.9	42.1	<0.5	0.16	0.012	<0.5					21.8	1.54	<0.00002	0.00227
BR02-7	HC-23																
BR02-7	HC-23	305	52.5	4.5	35.0	<0.5	0.14	<0.01	0.5					21.7	1.06	<0.00002	0.00118
BR02-7	HC-23																
BR02-7	HC-23	300	48.3	4.6	31.1	<0.5	0.13	<0.01	<0.5					21.3	1.22	<0.00002	0.00178
BR02-7	HC-23																
BR02-7	HC-23	305	40.5	4.7	25.6	<0.5	0.13	<0.01	<0.5					19.5	1.14	<0.00002	0.00125
BR02-7	HC-23																
BR02-7	HC-23	305	45.2	5.1	29.1	<0.5	0.17	0.012	<0.5					21.7	1.30	<0.00002	0.00181
BR02-7	HC-23																
BR02-7	HC-23	310	40.2	5.1	27.6	<0.5	0.16	<0.01	<0.5					20.5	1.20	<0.00002	0.00143
BR02-7	HC-23																
BR02-7	HC-23	300	40.6	4.5	20.7	<0.5	0.19	<0.01	<0.5					18.9	1.12	<0.00002	0.00109
BR02-7	HC-23																
BR02-7	HC-23	300	35.4	4.4	22.0	<0.5	0.16	<0.01	<0.5					20.8	1.07	<0.00002	0.00094
BR02-7	HC-23																
BR02-7	HC-23	300	35.2	4.7	21.1	<0.5	0.15	<0.01	<0.5					19.8	1.03	<0.00002	0.00106
BR02-7	HC-23																
BR02-7	HC-23	300	33.7	4.1	20.2	<0.5	0.16	0.010	<0.5					18.3	1.11	<0.00002	0.00117
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	250	25.2	<0.5	16.9	<0.5	0.12		<0.5					16.4	0.805	<0.00002	0.00070
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	300	25.8	2.8	14.3	<0.5	0.15		0.6					18.3	0.819	<0.00002	0.00082
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-7	HC-23															
BR02-7	HC-23	0.00363	0.00001	<0.000005	<0.05	0.00017	0.000062	4.03	<0.0001	0.0625	0.00030	0.00066	0.602	0.000027	0.0082	4.73
BR02-7	HC-23															
BR02-7	HC-23	0.0104	0.00004	<0.000005	<0.05	0.00024	0.000164	5.32	<0.0001	0.1760	0.00094	0.00812	3.08	0.000178	0.0143	5.42
BR02-7	HC-23															
BR02-7	HC-23	0.0216	0.00012	<0.000005	<0.05	0.00029	0.000380	5.30	<0.0001	0.388	0.00205	0.0680	6.81	0.000395	0.0181	6.86
BR02-7	HC-23															
BR02-7	HC-23	0.0228	0.00020	<0.000005	<0.05	0.00029	0.000537	4.01	<0.0001	0.553	0.00426	0.156	12.1	0.000722	0.0243	7.72
BR02-7	HC-23															
BR02-7	HC-23	0.0220	0.00029	<0.000005	<0.05	0.00027	0.000567	3.66	<0.0001	0.589	0.00409	0.206	16.4	0.000872	0.0255	8.09
BR02-7	HC-23															
BR02-7	HC-23	0.0193	0.00027	<0.000005	<0.05	0.00025	0.000423	2.48	<0.0001	0.417	0.00397	0.159	13.3	0.000941	0.0227	5.95
BR02-7	HC-23															
BR02-7	HC-23	0.0221	0.00033	<0.000005	<0.05	0.00026	0.000465	2.93	<0.0001	0.427	0.00436	0.168	15.5	0.00112	0.0262	6.55
BR02-7	HC-23															
BR02-7	HC-23	0.0230	0.00035	<0.000005	<0.05	0.00025	0.000468	2.32	<0.0001	0.450	0.00576	0.170	17.6	0.00121	0.0249	5.79
BR02-7	HC-23															
BR02-7	HC-23	0.0228	0.00041	<0.000005	<0.05	0.00027	0.000407	2.02	<0.0001	0.321	0.00597	0.143	16.0	0.00135	0.0277	4.66
BR02-7	HC-23															
BR02-7	HC-23	0.0292	0.00050	<0.000005	<0.05	0.00030	0.000409	2.43	<0.0001	0.279	0.00650	0.126	13.6	0.00190	0.0277	4.37
BR02-7	HC-23															
BR02-7	HC-23	0.0249	0.00062	<0.000005	<0.05	0.00036	0.000394	1.98	<0.0001	0.267	0.0127	0.151	11.8	0.00231	0.0253	4.08
BR02-7	HC-23															
BR02-7	HC-23	0.0233	0.00047	<0.000005	<0.05	0.00033	0.000328	2.26	<0.0001	0.247	0.0105	0.106	9.72	0.00240	0.0250	3.89
BR02-7	HC-23															
BR02-7	HC-23	0.0239	0.00054	<0.000005	<0.05	0.00035	0.000326	2.39	<0.0001	0.218	0.0133	0.0982	8.76	0.00291	0.0262	3.72
BR02-7	HC-23															
BR02-7	HC-23	0.0215	0.00050	<0.000005	<0.05	0.00031	0.000289	2.22	<0.0001	0.158	0.0152	0.0930	6.12	0.00244	0.0223	3.39
BR02-7	HC-23															
BR02-7	HC-23	0.0219	0.00056	<0.000005	<0.05	0.00037	0.000313	2.43	0.0001	0.182	0.0190	0.110	6.35	0.00290	0.0229	3.81
BR02-7	HC-23															
BR02-7	HC-23	0.0219	0.00061	<0.000005	<0.05	0.00037	0.000299	2.49	<0.0001	0.151	0.0206	0.110	5.81	0.00288	0.0225	3.47
BR02-7	HC-23															
BR02-7	HC-23	0.0226	0.00061	<0.000005	<0.05	0.00035	0.000299	2.61	<0.0001	0.141	0.0196	0.103	5.67	0.00296	0.0217	3.00
BR02-7	HC-23															
BR02-7	HC-23	0.0210	0.00055	<0.000005	<0.05	0.00033	0.000265	2.74	<0.0001	0.106	0.0195	0.0909	4.43	0.00296	0.0220	3.40
BR02-7	HC-23															
BR02-7	HC-23	0.0207	0.00056	<0.000005	<0.05	0.00035	0.000248	2.86	<0.0001	0.102	0.0190	0.0864	3.81	0.00272	0.0209	3.08
BR02-7	HC-23															
BR02-7	HC-23	0.0201	0.00059	<0.000005	<0.05	0.00032	0.000251	2.59	<0.0001	0.0935	0.0225	0.0865	2.70	0.00290	0.0212	2.86
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0176	0.00046	<0.000005	<0.05	0.00027	0.000197	2.41	<0.0001	0.0679	0.0175	0.0656	1.85	0.00225	0.0148	2.51
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0163	0.00045	<0.000005	<0.05	0.00025	0.000192	2.82	<0.0001	0.0753	0.0163	0.0665	1.72	0.00229	0.0173	2.75
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-7	HC-23															
BR02-7	HC-23	0.0835	<0.00001	0.004	0.00007	0.0275	2.87	0.00562	0.00029	2.1	<0.000005	<0.05	0.0125	15	<0.00002	0.000010
BR02-7	HC-23															
BR02-7	HC-23	0.191	<0.00001	0.009	<0.00005	0.0716	3.51	0.00726	0.00066	2.7	<0.000005	0.05	0.0195	18	<0.00002	0.000013
BR02-7	HC-23															
BR02-7	HC-23	0.305	<0.00001	0.010	<0.00005	0.165	3.37	0.00877	0.00089	2.7	<0.000005	0.06	0.0285	23	<0.00002	0.000018
BR02-7	HC-23															
BR02-7	HC-23	0.367	<0.00001	0.007	<0.00005	0.254	3.62	0.00949	0.00138	2.8	<0.000005	0.06	0.0270	27	<0.00002	0.000019
BR02-7	HC-23															
BR02-7	HC-23	0.356	0.00002	0.005	<0.00005	0.294	3.88	0.00895	0.00152	3.1	<0.000005	0.07	0.0247	31	<0.00002	0.000022
BR02-7	HC-23															
BR02-7	HC-23	0.251	0.00001	0.022	<0.00005	0.237	2.93	0.00752	0.00113	2.7	<0.000005	0.06	0.0173	22	<0.00002	0.000018
BR02-7	HC-23															
BR02-7	HC-23	0.262	<0.00001	0.003	<0.00005	0.268	3.56	0.00868	0.00126	3.1	<0.000005	<0.05	0.0190	27	<0.00002	0.000016
BR02-7	HC-23															
BR02-7	HC-23	0.256	<0.00001	0.008	<0.00005	0.288	3.14	0.00861	0.00116	3.1	<0.000005	0.06	0.0148	24	<0.00002	0.000023
BR02-7	HC-23															
BR02-7	HC-23	0.198	<0.00001	0.004	<0.00005	0.223	3.26	0.00911	0.00111	3.3	<0.000005	<0.05	0.01210	22	<0.00002	0.000022
BR02-7	HC-23															
BR02-7	HC-23	0.172	<0.00001	0.005	<0.00005	0.196	3.01	0.00887	0.00097	3.4	<0.000005	<0.05	0.0119	20	<0.00002	0.000025
BR02-7	HC-23															
BR02-7	HC-23	0.164	<0.00001	0.003	<0.00005	0.197	2.85	0.00980	0.00096	3.4	<0.000005	<0.05	0.00982	21	<0.00002	0.000027
BR02-7	HC-23															
BR02-7	HC-23	0.162	0.00003	<0.002	<0.00005	0.171	2.80	0.00883	0.00082	3.6	<0.000005	<0.05	0.00962	18	<0.00002	0.000021
BR02-7	HC-23															
BR02-7	HC-23	0.148	<0.00001	0.003	<0.00005	0.161	2.79	0.00944	0.00084	4.0	<0.000005	<0.05	0.00915	16	<0.00002	0.000023
BR02-7	HC-23															
BR02-7	HC-23	0.117	<0.00001	0.002	<0.00005	0.131	2.34	0.00829	0.00066	3.4	<0.000005	<0.05	0.00705	14	<0.00002	0.000021
BR02-7	HC-23															
BR02-7	HC-23	0.130	<0.00001	0.004	<0.00005	0.143	2.40	0.00923	0.00062	3.9	<0.000005	<0.05	0.00779	16	<0.00002	0.000027
BR02-7	HC-23															
BR02-7	HC-23	0.111	<0.00001	0.003	<0.00005	0.127	2.37	0.00869	0.00066	3.9	<0.000005	<0.05	0.00685	15	<0.00002	0.000022
BR02-7	HC-23															
BR02-7	HC-23	0.107	0.00002	<0.002	<0.00005	0.120	1.99	0.00884	0.00062	3.8	<0.000005	<0.05	0.00649	13	<0.00002	0.000023
BR02-7	HC-23															
BR02-7	HC-23	0.101	<0.00001	0.005	<0.00005	0.0964	2.02	0.00851	0.00050	3.5	<0.000005	<0.05	0.00624	14	<0.00002	0.000025
BR02-7	HC-23															
BR02-7	HC-23	0.0878	<0.00001	0.003	<0.00005	0.0931	2.00	0.00804	0.00046	4.2	<0.000005	<0.05	0.00572	13	<0.00002	0.000021
BR02-7	HC-23															
BR02-7	HC-23	0.0773	<0.00001	0.002	<0.00005	0.0870	1.83	0.00758	0.00041	3.7	<0.000005	<0.05	0.00549	12	<0.00002	0.000018
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0609	<0.00001	<0.002	<0.00005	0.0653	1.37	0.00597	0.00030	3.0	<0.000005	<0.05	0.00510	<10	<0.00002	0.000017
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0610	<0.00001	0.003	<0.00005	0.0711	1.39	0.00560	0.00033	3.0	0.000006	<0.05	0.00490	10	<0.00002	0.000015
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00003	0.000019	<0.0002	0.0066	<0.0001	<0.002				0.66	0.69	-2.60
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00002	0.000086	<0.0002	0.0243	<0.0001	<0.002				1.07	0.93	6.97
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000399	<0.0002	0.0623	<0.0001	<0.002				1.32	1.20	4.66
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00001	0.00103	<0.0002	0.1080	<0.0001	<0.002				1.70	1.44	8.30
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00140	<0.0002	0.1310	<0.0001	<0.002				1.82	1.63	5.39
BR02-7	HC-23															
BR02-7	HC-23	0.000005	<0.0002	<0.0005	<0.00001	0.00135	<0.0002	0.0976	<0.0001	<0.002				1.38	1.25	5.02
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00180	<0.0002	0.1120	<0.0001	<0.002				1.58	1.43	4.99
BR02-7	HC-23															
BR02-7	HC-23	0.000008	<0.0002	<0.0005	0.00001	0.00211	<0.0002	0.1160	<0.0001	<0.002				1.64	1.41	7.63
BR02-7	HC-23															
BR02-7	HC-23	0.000008	<0.0002	<0.0005	0.00001	0.00224	<0.0002	0.0958	<0.0001	<0.002				1.41	1.25	5.90
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00204	<0.0002	0.0848	<0.0001	<0.002				1.20	1.15	2.21
BR02-7	HC-23															
BR02-7	HC-23	0.000019	<0.0002	<0.0005	<0.00001	0.00270	<0.0002	0.0920	<0.0001	<0.002				1.29	1.11	7.43
BR02-7	HC-23															
BR02-7	HC-23	0.000005	<0.0002	<0.0005	0.00001	0.00196	<0.0002	0.0834	<0.0001	<0.002				1.12	0.98	6.49
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	0.0006	<0.00001	0.00198	<0.0002	0.0827	<0.0001	<0.002				1.01	0.96	2.95
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00178	<0.0002	0.0698	<0.0001	<0.002				0.85	0.80	2.91
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00217	<0.0002	0.0797	<0.0001	<0.002				0.95	0.88	4.21
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00188	<0.0002	0.0752	<0.0001	<0.002				0.85	0.82	1.56
BR02-7	HC-23															
BR02-7	HC-23	0.000005	<0.0002	<0.0005	<0.00001	0.00186	<0.0002	0.0775	<0.0001	<0.002				0.856	0.762	5.81
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00172	<0.0002	0.0732	<0.0001	<0.002				0.747	0.752	-0.330
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.00150	<0.0002	0.0648	<0.0001	<0.002				0.740	0.704	2.49
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00002	0.00152	<0.0002	0.0624	<0.0001	<0.002				0.711	0.637	5.49
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.000005	<0.0002	<0.0005	<0.00001	0.00107	<0.0002	0.0488	<0.0001	0.004				0.531	0.522	0.850
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	0.00001	0.000997	<0.0002	0.0417	<0.0001	<0.002				0.563	0.559	0.360
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	91	20-Oct-14	500	475	4.11	93.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	92	27-Oct-14	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	93	03-Nov-14	500	450	4.10	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	94	10-Nov-14	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	95	17-Nov-14	500	465	4.11	92.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	96	24-Nov-14	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	97	01-Dec-14	500	470	4.16	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	98	08-Dec-14	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	99	15-Dec-14	500	465	4.18	89.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	100	22-Dec-14	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	101	29-Dec-14	500	450	4.27	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	102	05-Jan-15	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	103	12-Jan-15	500	460	4.24	79.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	104	19-Jan-15	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	105	26-Jan-15	500	475	4.21	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	106	02-Feb-15	500	460		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	107	09-Feb-15	500	475	4.21	85.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	108	16-Feb-15	500	480		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	109	23-Feb-15	500	480	4.23	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	110	02-Mar-15	500	465		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	111	09-Mar-15	500	470	4.25	75.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	112	16-Mar-15	500	475		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	113	23-Mar-15	500	475	4.24	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	114	30-Mar-15	500	475		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	115	06-Apr-15	500	470	4.26	73.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	116	13-Apr-15	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	117	20-Apr-15	500	460	4.25	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	118	27-Apr-15	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	119	04-May-15	500	465	4.23	71.0
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	120	11-May-15	500	470		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	121	18-May-15	500	470	4.21	
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	122	25-May-15	500	455		
BR02-7	HC-23	Llama	Mudstone	12GSE168	224.00	226.45	0.36	0.35	0.01	4.30	3.49	123	01-Jun-15	500	470	4.14	78.0

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	0	14-Oct-13	375	335	8.79	258.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	1	21-Oct-13	250	220	8.46	282.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	2	28-Oct-13	250	225	8.02	153.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	3	04-Nov-13	250	230	7.85	101.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	4	11-Nov-13	250	220	7.63	85.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	5	18-Nov-13	250	225	7.55	74.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	6	25-Nov-13	250	225	7.59	66.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	7	02-Dec-13	250	220	7.43	67.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	8	09-Dec-13	250	220	7.44	68.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	9	16-Dec-13	250	220	7.48	78.0

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR02-7	HC-23	280	23.7	3.0	14.4	<0.5	0.12		<0.5					14.8	0.603	<0.00002	0.00057
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	290	25.1	2.6	13.9	<0.5	0.13		1.0					15.5	0.601	<0.00002	<0.00002
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	280	21.0	2.6	11.8	<0.5	0.15		0.7					17.1	0.676	<0.00002	<0.00002
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	205	19.5	1.7	12.1	<0.5	0.14		<0.5					14.4	0.499	<0.00002	0.00006
BR02-7	HC-23																
BR02-7	HC-23	300	21.6	1.8	11.8	<0.5	0.15		<0.5					15.4	0.534	<0.00002	<0.00002
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	280	17.7	<0.5	9.9	<0.5	0.13		<0.5					13.1	0.419	<0.00002	0.00008
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	300	18.4	1.2	9.7	<0.5	0.14		<0.5					14.2	0.544	<0.00002	0.00029
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	300	16.9	1.2	9.7	<0.5	0.18		<0.5					12.9	0.530	<0.00002	0.00004
BR02-7	HC-23																
BR02-7	HC-23																
BR02-7	HC-23	300	21.2	2.0	11.7	<0.5	0.17		<0.5					13.4	0.744	<0.00002	<0.00002

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32	135	29.1	<0.5	<0.5	16.3			25.2					26.4	0.110	0.00052	0.00608
BR04-03	HC-32	135	45.5	<0.5	<0.5	21.7			33.2					28.4	0.209	0.00060	0.00791
BR04-03	HC-32	120	33.4	<0.5	<0.5	24.0			5.9					17.2	0.200	0.00050	0.00863
BR04-03	HC-32	125	21.0	<0.5	<0.5	26.8	0.07	0.166	1.4					16.9	0.180	0.00044	0.00821
BR04-03	HC-32	125	16.9	<0.5	<0.5	22.1			0.8					15.9	0.167	0.00033	0.00890
BR04-03	HC-32	120	13.5	<0.5	<0.5	20.4			<0.5					15.6	0.139	0.00029	0.00806
BR04-03	HC-32	145	12.0	<0.5	<0.5	20.7			<0.5					16.9	0.142	0.00025	0.00845
BR04-03	HC-32	135	13.7	<0.5	<0.5	14.6	<0.05	<0.01	<0.5					16.0	0.138	0.00022	0.00904
BR04-03	HC-32	140	12.2	<0.5	1.2	13.6			<0.5					17.6	0.126	0.00019	0.00948
BR04-03	HC-32	140	16.9	<0.5	<0.5	15.9			0.6					23.3	0.125	0.00018	0.00758

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR02-7	HC-23	0.0161	0.00041	<0.000005	<0.05	0.00022	0.000172	2.47	<0.0001	0.0597	0.0141	0.0546	2.03	0.00207	0.0142	2.10
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0171	0.00039	<0.000005	<0.05	0.00022	0.000178	2.69	<0.0001	0.0541	0.0124	0.0501	1.75	0.00229	0.0131	2.12
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0174	0.00042	<0.000005	<0.05	0.00022	0.000214	3.18	<0.0001	0.0539	0.0135	0.0526	0.937	0.00217	0.0156	2.22
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0133	0.00035	<0.000005	<0.05	0.00020	0.000171	2.65	<0.0001	0.0507	0.0110	0.0463	0.796	0.00176	0.0118	1.90
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0158	0.00038	<0.000005	<0.05	0.00018	0.000157	2.94	<0.0001	0.0452	0.0106	0.0459	1.34	0.00188	0.0119	1.97
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0137	0.00029	<0.000005	<0.05	0.00018	0.000126	2.57	<0.0001	0.0352	0.00912	0.0363	0.775	0.00150	0.0108	1.63
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0142	0.00029	<0.000005	<0.05	0.00025	0.000134	2.83	0.0003	0.0348	0.00986	0.0357	0.917	0.00160	0.0105	1.74
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0135	0.00034	<0.000005	<0.05	0.00021	0.000166	2.64	<0.0001	0.0406	0.0124	0.0450	0.466	0.00141	0.0093	1.53
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0127	0.00039	<0.000005	<0.05	0.00020	0.000158	2.68	<0.0001	0.0364	0.0147	0.0625	0.744	0.00179	0.0084	1.62

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32	0.00310	<0.00001	<0.000005	<0.05	0.00117	<0.000005	7.86	<0.0001	0.000084	0.00046	<0.00005	0.020	0.000034	0.0021	1.63
BR04-03	HC-32	0.00315	<0.00001	<0.000005	<0.05	0.00171	<0.000005	6.81	0.0007	0.000084	0.00023	<0.00005	0.050	0.000010	0.0033	2.77
BR04-03	HC-32	0.00198	<0.00001	<0.000005	<0.05	0.00097	<0.000005	3.89	<0.0001	0.000068	0.00024	<0.00005	0.047	0.000024	0.0027	1.81
BR04-03	HC-32	0.00174	<0.00001	<0.000005	<0.05	0.00069	<0.000005	3.81	<0.0001	0.000064	0.00014	<0.00005	0.032	0.000011	0.0017	1.79
BR04-03	HC-32	0.00169	<0.00001	<0.000005	<0.05	0.00057	<0.000005	3.46	<0.0001	0.000086	0.00026	<0.00005	0.056	0.000025	0.0016	1.76
BR04-03	HC-32	0.00119	<0.00001	<0.000005	<0.05	0.00047	<0.000005	3.42	<0.0001	0.000086	0.00036	<0.00005	0.009	0.000008	0.0020	1.71
BR04-03	HC-32	0.00141	<0.00001	<0.000005	<0.05	0.00042	<0.000005	3.75	<0.0001	0.000091	0.00033	<0.00005	0.035	0.000010	0.0016	1.84
BR04-03	HC-32	0.00120	<0.00001	<0.000005	<0.05	0.00042	<0.000005	3.36	<0.0001	0.000066	0.00011	<0.00005	0.022	0.000008	0.0014	1.84
BR04-03	HC-32	0.00124	<0.00001	<0.000005	<0.05	0.00038	<0.000005	3.55	<0.0001	0.000089	0.00046	<0.00005	0.007	0.000023	0.0016	2.12
BR04-03	HC-32	0.00349	<0.00001	<0.000005	<0.05	0.00038	<0.000005	5.05	<0.0001	0.000122	0.00007	<0.00005	0.005	<0.000005	0.0020	2.60

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR02-7	HC-23	0.0525	<0.00001	<0.002	<0.00005	0.0566	1.15	0.00498	0.00035	3.2	<0.000005	<0.05	0.00441	<10	<0.00002	0.000014
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0506	<0.00001	<0.002	<0.00005	0.0514	1.13	0.00520	0.00017	3.0	<0.000005	<0.05	0.00461	<10	<0.00002	0.000015
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0485	<0.00001	0.010	<0.00005	0.0516	1.01	0.00451	0.00019	3.2	<0.000005	<0.05	0.00450	<10	<0.00002	0.000013
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0404	<0.00001	0.002	<0.00005	0.0477	0.90	0.00419	0.00014	2.5	<0.000005	<0.05	0.00415	<10	<0.00002	0.000012
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0417	<0.00001	0.004	<0.00005	0.0429	0.91	0.00430	0.00014	2.5	<0.000005	<0.05	0.00425	<10	<0.00002	0.000013
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0335	<0.00001	0.006	<0.00005	0.0331	0.80	0.00380	0.00011	2.7	<0.000005	<0.05	0.00405	<10	<0.00002	0.000009
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0344	<0.00001	<0.002	<0.00005	0.0341	0.79	0.00405	0.00012	2.8	<0.000005	<0.05	0.00422	<10	<0.00002	0.000010
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0327	<0.00001	<0.002	<0.00005	0.0392	0.72	0.00406	0.00011	2.7	<0.000005	<0.05	0.00430	<10	<0.00002	0.000011
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.0319	<0.00001	0.003	<0.00005	0.0356	0.73	0.00398	0.00010	2.6	0.000006	<0.05	0.00425	<10	<0.00002	0.000015

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32	0.00144	<0.00001	0.009	0.00351	0.00087	3.55	0.00528	0.00033	0.6	0.000007	24.50	0.0963	10	<0.00002	0.000020
BR04-03	HC-32	0.00213	<0.00001	0.005	0.00617	0.00253	4.92	0.00615	0.00050	0.8	0.000009	47.90	0.104	25	<0.00002	0.000007
BR04-03	HC-32	0.00133	<0.00001	0.005	0.00391	0.00021	2.69	0.00355	0.00028	0.7	<0.000005	22.00	0.0605	15	<0.00002	0.000003
BR04-03	HC-32	0.00136	<0.00001	0.004	0.00253	0.00014	2.00	0.00276	0.00018	0.8	<0.000005	14.60	0.0557	<10	<0.00002	0.000002
BR04-03	HC-32	0.00143	0.00001	0.004	0.00194	0.00030	1.71	0.00245	0.00013	0.7	<0.000005	10.10	0.0482	<10	<0.00002	0.000003
BR04-03	HC-32	0.00131	<0.00001	0.008	0.00136	0.00043	1.31	0.00178	0.00010	0.7	<0.000005	7.29	0.0426	<10	<0.00002	0.000002
BR04-03	HC-32	0.00171	<0.00001	0.017	0.00151	0.00033	1.18	0.00177	0.00006	0.7	<0.000005	6.07	0.0441	<10	<0.00002	0.000002
BR04-03	HC-32	0.00126	<0.00001	0.013	0.00139	0.00013	1.09	0.00166	0.00008	0.6	<0.000005	5.37	0.0396	<10	<0.00002	<0.000002
BR04-03	HC-32	0.00149	<0.00001	0.013	0.00134	0.00011	1.04	0.00150	0.00009	0.6	<0.000005	4.77	0.0406	<10	<0.00002	0.000005
BR04-03	HC-32	0.00375	<0.00001	0.012	0.00140	0.00015	1.13	0.00177	0.00013	0.7	<0.000005	4.69	0.0504	<10	<0.00002	0.000007

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000777	<0.0002	0.0458	<0.0001	<0.002				0.499	0.469	3.10
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000781	<0.0002	0.0419	<0.0001	<0.002				0.557	0.471	8.37
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000680	<0.0002	0.0394	<0.0001	<0.002				0.465	0.479	-1.48
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000528	<0.0002	0.0345	<0.0001	<0.002				0.413	0.398	1.85
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000569	<0.0002	0.0341	<0.0001	<0.002				0.458	0.442	1.78
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000407	0.0009	0.0278	<0.0001	<0.002				0.376	0.359	2.31
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	0.000018	<0.0002	0.0051	<0.00001	0.000373	0.0006	0.0276	<0.0001	<0.002				0.390	0.400	-1.27
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	<0.0002	<0.0005	<0.00001	0.000398	0.0007	0.0324	<0.0001	<0.002				0.363	0.355	1.11
BR02-7	HC-23															
BR02-7	HC-23															
BR02-7	HC-23	<0.000005	0.0002	<0.0005	<0.00001	0.000581	<0.0002	0.0324	<0.0001	<0.002				0.450	0.397	6.26

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00019	0.000012	<0.0002	0.0005	<0.0001	0.003				1.64	1.69	-1.50
BR04-03	HC-32	<0.000005	<0.0002	0.0007	0.00015	0.000144	0.0005	<0.0001	<0.0001	0.002				2.32	2.80	-9.38
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00016	0.000131	0.0004	0.0003	<0.0001	<0.002				1.34	1.39	-1.79
BR04-03	HC-32	0.000005	<0.0002	0.0009	0.00016	0.000106	0.0004	0.0002	<0.0001	<0.002				1.02	1.04	-1.26
BR04-03	HC-32	0.000006	<0.0002	0.0010	0.00012	0.000090	0.0005	0.0005	<0.0001	<0.002				0.82	0.82	-0.18
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00009	0.000102	0.0004	0.0003	<0.0001	<0.002				0.69	0.68	0.80
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00008	0.000090	0.0003	0.0002	<0.0001	<0.002				0.66	0.65	1.07
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00007	0.000140	0.0005	0.0001	<0.0001	<0.002				0.58	0.60	-1.62
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00006	0.000193	0.0003	0.0006	<0.0001	<0.002				0.53	0.60	-6.57
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00007	0.000212	0.0003	0.0002	<0.0001	<0.002				0.69	0.71	-1.86

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	10	23-Dec-13	250	220	7.57	78.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	11	30-Dec-13	250	225	7.55	83.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	12	06-Jan-14	250	220	7.32	97.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	13	13-Jan-14	250	240	7.39	80.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	14	20-Jan-14	250	220	7.33	79.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	15	27-Jan-14	250	220	7.30	84.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	16	03-Feb-14	250	230	7.26	86.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	17	10-Feb-14	250	235	7.34	110.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	18	17-Feb-14	250	235	7.18	80.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	19	24-Feb-14	250	235	7.21	73.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	20	03-Mar-14	250	235	7.38	82.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	21	10-Mar-14	250	235	7.32	85.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	22	17-Mar-14	250	245	7.39	81.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	23	24-Mar-14	250	220	7.30	84.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	24	31-Mar-14	250	215	7.27	99.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	25	07-Apr-14	250	220	7.18	102.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	26	14-Apr-14	250	220	7.18	97.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	27	21-Apr-14	250	215	7.18	104.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	28	28-Apr-14	250	220	7.14	98.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	29	05-May-14	250	215	7.10	98.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	30	12-May-14	250	235	7.27	103.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	31	19-May-14	250	240	7.18	107.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	32	26-May-14	250	220	7.21	91.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	33	02-Jun-14	250	220	7.15	95.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	34	09-Jun-14	250	210	7.14	98.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	35	16-Jun-14	250	210	7.16	89.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	36	23-Jun-14	250	230	7.22	95.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	37	30-Jun-14	250	220	7.18	84.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	38	07-Jul-14	250	205	7.17	92.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	39	14-Jul-14	250	210	7.18	91.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	40	21-Jul-14	250	210	7.18	92.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	41	28-Jul-14	250	210	7.29	103
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	42	04-Aug-14	250	215	7.11	86.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	43	11-Aug-14	250	215	7.13	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	44	18-Aug-14	250	215	7.26	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	45	25-Aug-14	250	225	7.10	99.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	46	01-Sep-14	250	220	7.27	99.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	47	08-Sep-14	250	205	7.29	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	48	15-Sep-14	250	220	7.27	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	49	22-Sep-14	250	230	7.26	101
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	50	29-Sep-14	250	220	7.34	86.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	51	06-Oct-14	250	215	7.14	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	52	13-Oct-14	250	215	7.28	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	53	20-Oct-14	250	205	7.23	85.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	54	27-Oct-14	250	220	7.27	91.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	55	03-Nov-14	250	215	7.22	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	56	10-Nov-14	250	215	7.24	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	57	17-Nov-14	250	235	7.15	100
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	58	24-Nov-14	250	235	7.32	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	59	01-Dec-14	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	60	08-Dec-14	250	205	7.19	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32	135	19.1	<0.5	<0.5	14.1			0.7					23.1	0.125	0.00015	0.00887
BR04-03	HC-32	135	23.1	<0.5	<0.5	12.6	<0.05	<0.01	<0.5					27.8	0.112	0.00014	0.00698
BR04-03	HC-32	145	24.2	<0.5	<0.5	8.0			<0.5					25.3	0.0961	0.00010	0.00693
BR04-03	HC-32	125	20.6	<0.5	0.6	13.0			<0.5					27.1	0.0886	0.00013	0.00653
BR04-03	HC-32	135	23.2	<0.5	<0.5	9.4			<0.5					26.1	0.0999	0.00009	0.00647
BR04-03	HC-32	125	22.9	<0.5	<0.5	10.7	<0.05	<0.01	<0.5					26.4	0.0859	0.00009	0.00514
BR04-03	HC-32	150	25.2	<0.5	<0.5	11.5			<0.5					28.9	0.0757	0.00008	0.00519
BR04-03	HC-32	140	26.9	<0.5	<0.5	10.4			<0.5					31.0	0.0664	0.00007	0.00493
BR04-03	HC-32	150	21.5	<0.5	<0.5	11.5			<0.5					27.0	0.0659	0.00007	0.00424
BR04-03	HC-32	140	21.2	<0.5	<0.5	8.3	<0.05	<0.01	<0.5					25.5	0.0567	0.00006	0.00310
BR04-03	HC-32	140	24.2	<0.5	<0.5	11.1			<0.5					30.2	0.0536	0.00007	0.00293
BR04-03	HC-32	150	24.2	<0.5	<0.5	11.7			<0.5					30.2	0.0690	0.00007	0.00404
BR04-03	HC-32	135	20.9	<0.5	<0.5	12.4			<0.5					27.9	0.0599	0.00007	0.00389
BR04-03	HC-32	140	24.3	<0.5	0.9	7.0	<0.05	<0.01	<0.5					27.9	0.0567	0.00004	0.00315
BR04-03	HC-32	145	29.7	<0.5	<0.5	7.8			<0.5					35.5	0.0624	0.00005	0.00360
BR04-03	HC-32	145	30.8	<0.5	<0.5	6.6			<0.5					35.5	0.0561	0.00004	0.00307
BR04-03	HC-32	150	31.1	<0.5	0.6	6.8			<0.5					35.0	0.0515	0.00004	0.00287
BR04-03	HC-32	130	35.2	<0.5	<0.5	7.5	<0.05	<0.01	0.6					38.6	0.0626	0.00004	0.00322
BR04-03	HC-32	145	32.9	<0.5	0.7	6.9			<0.5					37.3	0.0683	0.00003	0.00312
BR04-03	HC-32	150	33.8	<0.5	<0.5	6.7			<0.5					38.9	0.0406	0.00003	0.00255
BR04-03	HC-32	130	28.9	<0.5	1.0	9.3			<0.5					39.2	0.0542	0.00004	0.00285
BR04-03	HC-32	135	34.7	<0.5	<0.5	6.3	<0.05	<0.01	<0.5					40.7	0.0475	0.00003	0.00269
BR04-03	HC-32	140	28.2	<0.5	<0.5	6.1			<0.5					33.9	0.0511	0.00003	0.00257
BR04-03	HC-32	150	28.9	<0.5	<0.5	5.8			<0.5					36.2	0.0504	0.00003	0.00260
BR04-03	HC-32	140	29.5	<0.5	<0.5	6.0			<0.5					36.1	0.0475	0.00003	0.00257
BR04-03	HC-32	140	28.6	<0.5	0.5	5.6	<0.05	<0.01	<0.5					35.0	0.0451	0.00003	0.00265
BR04-03	HC-32	150	29.0	<0.5	0.7	8.8			<0.5					38.0	0.0412	0.00004	0.00229
BR04-03	HC-32	145	27.6	<0.5	0.6	6.5			<0.5					34.8	0.0500	0.00003	0.00270
BR04-03	HC-32	140	32.0	<0.5	<0.5	6.6			0.6					34.8	0.0479	0.00003	0.00266
BR04-03	HC-32	130	30.9	<0.5	0.5	7.4	<0.05	<0.01	<0.5					35.6	0.0439	0.00003	0.00254
BR04-03	HC-32	135	29.0	<0.5	0.7	6.7			<0.5					37.2	0.0454	0.00003	0.00237
BR04-03	HC-32	140	31.0	<0.5	0.6	8.0			<0.5					39.6	0.0439	0.00003	0.00218
BR04-03	HC-32																
BR04-03	HC-32	150	27.4	<0.5	0.9	6.4			<0.5					34.7	0.0403	0.00003	0.00198
BR04-03	HC-32																
BR04-03	HC-32	130	28.1	<0.5	<0.5	6.9			<0.5					37.7	0.0358	0.00003	0.00184
BR04-03	HC-32																
BR04-03	HC-32	160	29.8	<0.5	0.6	7.1			0.5					32.7	0.0413	0.00003	0.00208
BR04-03	HC-32																
BR04-03	HC-32	150	28.6	<0.5	<0.5	8.4			<0.5					39.8	0.0491	0.00003	0.00181
BR04-03	HC-32																
BR04-03	HC-32	150	26.5	<0.5	<0.5	6.7			<0.5					33.6	0.0287	0.00003	0.00142
BR04-03	HC-32																
BR04-03	HC-32	140	24.2	<0.5	<0.5	6.7			<0.5					32.2	0.0361	0.00003	0.00179
BR04-03	HC-32																
BR04-03	HC-32	160	28.7	<0.5	1.3	6.6			<0.5					33.5	0.0295	<0.00002	0.00151
BR04-03	HC-32																
BR04-03	HC-32	150	30.1	<0.5	0.9	8.3			<0.5					35.4	0.0224	<0.00002	0.00109
BR04-03	HC-32																
BR04-03	HC-32	150	30.3	<0.5	<0.5	6.3			<0.5					32.7	0.0272	<0.00002	0.00166

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32	0.00200	<0.00001	<0.000005	<0.05	0.00035	<0.000005	4.80	<0.0001	0.000096	0.00016	<0.00005	0.007	<0.000005	0.0019	2.70
BR04-03	HC-32	0.00241	<0.00001	<0.000005	<0.05	0.00031	<0.000005	5.81	<0.0001	0.000173	0.00137	<0.00005	0.003	<0.000005	0.0018	3.22
BR04-03	HC-32	0.00182	<0.00001	<0.000005	<0.05	0.00026	<0.000005	5.09	<0.0001	0.000123	0.00011	<0.00005	0.004	<0.000005	0.0017	3.06
BR04-03	HC-32	0.00216	<0.00001	<0.000005	<0.05	0.00027	<0.000005	5.58	<0.0001	0.000175	0.00011	<0.00005	0.004	<0.000005	0.0018	3.20
BR04-03	HC-32	0.00185	<0.00001	<0.000005	<0.05	0.00024	<0.000005	5.10	<0.0001	0.000171	0.00017	<0.00005	0.008	<0.000005	0.0017	3.25
BR04-03	HC-32	0.00190	<0.00001	<0.000005	<0.05	0.00023	<0.000005	5.13	<0.0001	0.000179	0.00008	<0.00005	0.003	<0.000005	0.0017	3.29
BR04-03	HC-32	0.00191	<0.00001	<0.000005	<0.05	0.00023	<0.000005	5.50	<0.0001	0.000211	0.00017	<0.00005	0.004	<0.000005	0.0016	3.68
BR04-03	HC-32	0.00194	<0.00001	<0.000005	<0.05	0.00023	<0.000005	6.28	<0.0001	0.000250	0.00017	<0.00005	0.001	<0.000005	0.0012	3.73
BR04-03	HC-32	0.00164	<0.00001	<0.000005	<0.05	0.00019	<0.000005	5.64	<0.0001	0.000191	0.00019	<0.00005	0.003	<0.000005	0.0013	3.13
BR04-03	HC-32	0.00161	<0.00001	<0.000005	<0.05	0.00019	<0.000005	5.06	<0.0001	0.000227	0.00018	<0.00005	0.001	<0.000005	0.0014	3.11
BR04-03	HC-32	0.00206	<0.00001	<0.000005	<0.05	0.00019	<0.000005	6.30	<0.0001	0.000259	0.00032	<0.00005	<0.001	<0.000005	0.0016	3.50
BR04-03	HC-32	0.00281	<0.00001	<0.000005	<0.05	0.00018	<0.000005	5.98	<0.0001	0.000201	0.00013	<0.00005	0.001	<0.000005	0.0015	3.71
BR04-03	HC-32	0.00181	<0.00001	<0.000005	<0.05	0.00017	<0.000005	5.78	<0.0001	0.000207	0.00008	<0.00005	<0.001	<0.000005	0.0013	3.26
BR04-03	HC-32	0.00192	<0.00001	<0.000005	<0.05	0.00016	<0.000005	5.34	<0.0001	0.000267	0.00010	<0.00005	0.003	0.000006	0.0014	3.53
BR04-03	HC-32	0.00212	<0.00001	<0.000005	<0.05	0.00019	0.000033	7.00	<0.0001	0.000253	0.00015	<0.00005	0.001	0.000008	0.0013	4.37
BR04-03	HC-32	0.00214	<0.00001	<0.000005	<0.05	0.00016	<0.000005	6.98	<0.0001	0.000310	0.00020	<0.00005	<0.001	<0.000005	0.0014	4.40
BR04-03	HC-32	0.00199	<0.00001	<0.000005	<0.05	0.00015	<0.000005	6.78	<0.0001	0.000303	0.00029	<0.00005	0.004	0.000005	0.0012	4.38
BR04-03	HC-32	0.00193	<0.00001	<0.000005	<0.05	0.00016	<0.000005	7.57	<0.0001	0.000338	0.00011	<0.00005	0.005	<0.000005	0.0014	4.77
BR04-03	HC-32	0.00174	<0.00001	<0.000005	<0.05	0.00018	<0.000005	7.60	<0.0001	0.000347	0.00017	<0.00005	0.053	0.000020	0.0012	4.44
BR04-03	HC-32	0.00181	<0.00001	<0.000005	<0.05	0.00015	<0.000005	7.34	<0.0001	0.000350	0.00014	<0.00005	0.001	0.000006	0.0013	4.99
BR04-03	HC-32	0.00185	<0.00001	<0.000005	<0.05	0.00017	<0.000005	7.93	<0.0001	0.000348	0.00039	<0.00005	0.012	0.000008	0.0012	4.70
BR04-03	HC-32	0.00163	<0.00001	<0.000005	<0.05	0.00015	<0.000005	7.79	<0.0001	0.000344	0.00024	<0.00005	<0.001	0.000008	0.0013	5.16
BR04-03	HC-32	0.00126	<0.00001	<0.000005	<0.05	0.00014	<0.000005	6.63	<0.0001	0.000289	0.00018	<0.00005	<0.001	0.000005	0.0012	4.22
BR04-03	HC-32	0.00132	<0.00001	<0.000005	<0.05	0.00015	<0.000005	7.17	<0.0001	0.000297	0.00010	<0.00005	0.005	0.000012	0.0011	4.44
BR04-03	HC-32	0.00128	<0.00001	<0.000005	<0.05	0.00014	<0.000005	6.81	<0.0001	0.000293	0.00014	<0.00005	<0.001	<0.000005	0.0012	4.64
BR04-03	HC-32	0.00117	<0.00001	<0.000005	<0.05	0.00012	<0.000005	6.71	<0.0001	0.000279	0.00012	<0.00005	0.002	0.000006	0.0010	4.42
BR04-03	HC-32	0.00143	<0.00001	<0.000005	<0.05	0.00014	<0.000005	7.38	<0.0001	0.000319	0.00027	<0.00005	<0.001	<0.000005	0.0011	4.75
BR04-03	HC-32	0.00106	<0.00001	<0.000005	<0.05	0.00011	<0.000005	6.92	<0.0001	0.000280	0.00020	<0.00005	0.002	<0.000005	0.0011	4.24
BR04-03	HC-32	0.00114	<0.00001	<0.000005	<0.05	0.00012	<0.000005	6.71	<0.0001	0.000273	0.00025	<0.00005	0.004	0.000008	0.0011	4.38
BR04-03	HC-32	0.00122	<0.00001	<0.000005	<0.05	0.00013	<0.000005	6.71	<0.0001	0.000287	0.00015	<0.00005	0.003	<0.000005	0.0010	4.57
BR04-03	HC-32	0.00123	<0.00001	<0.000005	<0.05	0.00012	<0.000005	7.28	<0.0001	0.000268	0.00017	<0.00005	0.008	0.000006	0.0011	4.61
BR04-03	HC-32	0.00210	<0.00001	<0.000005	<0.05	0.00014	<0.000005	7.69	<0.0001	0.000299	0.00014	<0.00005	<0.001	<0.000005	0.0010	4.95
BR04-03	HC-32															
BR04-03	HC-32	0.00131	<0.00001	<0.000005	<0.05	0.00012	<0.000005	6.57	<0.0001	0.000273	0.00012	<0.00005	0.001	0.000009	0.0010	4.43
BR04-03	HC-32															
BR04-03	HC-32	0.00134	<0.00001	<0.000005	<0.05	0.00013	<0.000005	7.21	<0.0001	0.000337	0.00012	<0.00005	0.003	0.000009	0.0009	4.79
BR04-03	HC-32															
BR04-03	HC-32	0.00196	<0.00001	0.000025	<0.05	0.00011	<0.000005	6.18	<0.0001	0.000192	0.00073	<0.00005	0.011	0.000013	0.0008	4.19
BR04-03	HC-32															
BR04-03	HC-32	0.00204	<0.00001	<0.000005	<0.05	0.00011	<0.000005	8.30	<0.0001	0.000252	0.00010	<0.00005	0.006	<0.000005	0.0009	4.64
BR04-03	HC-32															
BR04-03	HC-32	0.00116	<0.00001	<0.000005	<0.05	0.00010	<0.000005	6.86	<0.0001	0.000263	0.00013	<0.00005	0.008	0.000017	0.0009	3.99
BR04-03	HC-32															
BR04-03	HC-32	0.00171	<0.00001	<0.000005	<0.05	0.00010	<0.000005	6.19	<0.0001	0.000228	0.00012	<0.00005	0.005	<0.000005	0.0009	4.05
BR04-03	HC-32															
BR04-03	HC-32	0.00086	<0.00001	<0.000005	<0.05	0.00010	<0.000005	6.54	<0.0001	0.000227	0.00008	<0.00005	0.003	<0.000005	0.0014	4.17
BR04-03	HC-32															
BR04-03	HC-32	0.00119	<0.00001	<0.000005	<0.05	0.00010	<0.000005	7.38	<0.0001	0.000303	0.00032	<0.00005	0.003	0.000005	0.0009	4.11
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00175	<0.00001	<0.000005	<0.05	0.00009	<0.000005	6.60	<0.0001	0.000251	0.00011	<0.00005	0.001	<0.000005	0.0009	3.94

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32	0.00260	0.00001	0.016	0.00148	0.00026	1.12	0.00170	0.00007	0.7	<0.000005	4.37	0.0505	<10	<0.00002	0.000005
BR04-03	HC-32	0.00415	<0.00001	0.006	0.00180	0.00029	1.15	0.00166	0.00008	0.7	<0.000005	3.87	0.0531	<10	<0.00002	0.000008
BR04-03	HC-32	0.00271	<0.00001	0.014	0.00158	0.00033	0.97	0.00149	0.00007	0.6	<0.000005	3.57	0.0435	<10	<0.00002	0.000002
BR04-03	HC-32	0.00361	<0.00001	0.025	0.00193	0.00038	1.00	0.00149	0.00009	0.6	<0.000005	3.56	0.0501	<10	<0.00002	0.000003
BR04-03	HC-32	0.00335	<0.00001	0.009	0.00186	0.00035	0.91	0.00137	0.00009	0.6	<0.000005	3.08	0.0423	<10	<0.00002	0.000002
BR04-03	HC-32	0.00409	<0.00001	0.004	0.00188	0.00024	0.94	0.00139	0.00007	0.6	<0.000005	2.83	0.0388	<10	<0.00002	0.000002
BR04-03	HC-32	0.00341	<0.00001	0.006	0.00208	0.00017	1.00	0.00142	0.00007	0.5	<0.000005	3.05	0.0405	<10	<0.00002	0.000004
BR04-03	HC-32	0.00372	<0.00001	0.010	0.00237	0.00022	0.88	0.00137	0.00006	0.5	<0.000005	2.75	0.0426	<10	<0.00002	0.000002
BR04-03	HC-32	0.00353	<0.00001	0.007	0.00215	0.00017	0.82	0.00123	0.00007	0.5	<0.000005	2.21	0.0348	<10	<0.00002	0.000002
BR04-03	HC-32	0.00357	<0.00001	0.009	0.00215	0.00034	0.74	0.00115	0.00006	0.4	<0.000005	1.96	0.0308	<10	<0.00002	<0.000002
BR04-03	HC-32	0.00802	<0.00001	0.014	0.00246	0.00025	0.89	0.00134	0.00006	0.6	<0.000005	2.23	0.0386	<10	<0.00002	<0.000002
BR04-03	HC-32	0.00452	<0.00001	0.004	0.00270	0.00022	0.83	0.00124	0.00005	0.5	<0.000005	2.17	0.0345	<10	<0.00002	0.000002
BR04-03	HC-32	0.00396	<0.00001	0.006	0.00250	0.00018	0.78	0.00119	0.00006	0.5	<0.000005	1.96	0.0321	<10	<0.00002	0.000003
BR04-03	HC-32	0.00447	0.00002	0.004	0.00192	0.00020	0.73	0.00110	0.00007	0.4	<0.000005	1.82	0.0294	<10	<0.00002	0.000002
BR04-03	HC-32	0.00397	<0.00001	0.003	0.00195	0.00021	0.82	0.00130	0.00007	0.5	<0.000005	2.06	0.0328	10	<0.00002	<0.000002
BR04-03	HC-32	0.00456	<0.00001	<0.002	0.00189	0.00022	0.75	0.00113	0.00006	0.5	<0.000005	1.80	0.0306	11	<0.00002	<0.000002
BR04-03	HC-32	0.00402	<0.00001	0.003	0.00189	0.00020	0.73	0.00105	0.00006	0.4	0.000006	1.69	0.0268	10	<0.00002	0.000003
BR04-03	HC-32	0.00440	<0.00001	0.008	0.00191	0.00033	0.76	0.00115	0.00006	0.5	<0.000005	1.76	0.0276	12	<0.00002	0.000002
BR04-03	HC-32	0.00449	<0.00001	0.004	0.00165	0.00033	0.73	0.00110	0.00006	0.5	<0.000005	1.58	0.0258	12	<0.00002	<0.000002
BR04-03	HC-32	0.00540	<0.00001	<0.002	0.00170	0.00034	0.68	0.00104	0.00008	0.4	<0.000005	1.40	0.0256	11	<0.00002	<0.000002
BR04-03	HC-32	0.00424	<0.00001	0.003	0.00196	0.00025	0.66	0.00108	0.00005	0.5	<0.000005	1.53	0.0259	11	<0.00002	<0.000002
BR04-03	HC-32	0.00425	<0.00001	0.005	0.00164	0.00040	0.63	0.00099	0.00007	0.4	<0.000005	1.34	0.0233	13	<0.00002	0.000002
BR04-03	HC-32	0.00353	<0.00001	0.002	0.00162	0.00029	0.55	0.00086	0.00007	0.4	<0.000005	1.23	0.0185	<10	<0.00002	<0.000002
BR04-03	HC-32	0.00385	<0.00001	0.006	0.00149	0.00020	0.60	0.00087	0.00005	0.4	<0.000005	1.17	0.0190	11	<0.00002	<0.000002
BR04-03	HC-32	0.00341	<0.00001	0.005	0.00168	0.00026	0.51	0.00091	0.00006	0.4	0.000007	1.15	0.0189	10	<0.00002	<0.000002
BR04-03	HC-32	0.00297	<0.00001	0.003	0.00152	0.00019	0.50	0.00079	0.00008	0.4	<0.000005	0.99	0.0165	10	<0.00002	<0.000002
BR04-03	HC-32	0.00416	<0.00001	0.004	0.00175	0.00025	0.60	0.00091	0.00008	0.5	<0.000005	1.22	0.0178	10	<0.00002	<0.000002
BR04-03	HC-32	0.00307	<0.00001	0.008	0.00153	0.00027	0.53	0.00080	0.00006	0.4	<0.000005	1.06	0.0145	11	<0.00002	0.000003
BR04-03	HC-32	0.00312	<0.00001	0.003	0.00159	0.00021	0.52	0.00076	0.00006	0.4	<0.000005	1.10	0.0135	10	<0.00002	0.000005
BR04-03	HC-32	0.00337	<0.00001	0.004	0.00153	0.00020	0.55	0.00083	0.00006	0.4	<0.000005	1.09	0.0139	<10	<0.00002	0.000002
BR04-03	HC-32	0.00337	<0.00001	0.005	0.00147	0.00036	0.55	0.00084	0.00006	0.4	<0.000005	1.10	0.0135	11	<0.00002	<0.000002
BR04-03	HC-32	0.00390	0.00001	0.005	0.00157	0.00021	0.57	0.00089	0.00006	0.5	<0.000005	1.12	0.0146	11	<0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00302	<0.00001	0.004	0.00133	0.00015	0.53	0.00079	0.00006	0.4	<0.000005	0.97	0.0114	<10	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00347	<0.00001	<0.002	0.00142	0.00023	0.51	0.00080	0.00007	0.4	0.000010	0.94	0.0123	<10	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00193	<0.00001	0.004	0.00164	0.00020	0.52	0.00075	0.00005	0.4	<0.000005	0.92	0.00913	<10	<0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00312	<0.00001	<0.002	0.00152	0.00021	0.56	0.00076	0.00007	0.4	<0.000005	0.97	0.0129	11	<0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00266	<0.00001	0.002	0.00143	0.00020	0.46	0.00070	0.00004	0.4	<0.000005	0.77	0.0107	<10	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00254	<0.00001	0.002	0.00151	0.00012	0.44	0.00068	0.00007	0.4	<0.000005	0.73	0.00902	<10	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00257	<0.00001	0.004	0.00142	0.00018	0.40	0.00068	0.00006	0.4	<0.000005	0.68	0.0101	<10	<0.00002	0.000003
BR04-03	HC-32															
BR04-03	HC-32	0.00363	<0.00001	<0.002	0.00125	0.00051	0.51	0.00076	0.00007	0.3	<0.000005	0.75	0.0108	<10	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00282	<0.00001	<0.002	0.00120	0.00013	0.44	0.00068	0.00007	0.3	<0.000005	0.68	0.00860	<10	<0.00002	<0.000002

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00005	0.000242	<0.0002	0.0002	<0.0001	<0.002				0.70	0.70	0.22
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00005	0.000296	<0.0002	0.0001	<0.0001	<0.002				0.73	0.77	-2.14
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00003	0.000245	0.0003	0.0004	<0.0001	<0.002				0.67	0.70	-2.35
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00003	0.000296	0.0002	0.0003	<0.0001	<0.002				0.69	0.73	-3.03
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00002	0.000203	0.0002	<0.0001	<0.0001	<0.002				0.67	0.69	-1.40
BR04-03	HC-32	<0.000005	<0.0002	0.0006	0.00003	0.000221	0.0003	0.0002	<0.0001	<0.002				0.69	0.68	0.58
BR04-03	HC-32	<0.000005	<0.0002	0.0005	0.00002	0.000320	0.0002	0.0002	<0.0001	<0.002				0.75	0.75	0.60
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00002	0.000336	0.0002	0.0004	<0.0001	<0.002				0.77	0.77	-0.13
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00002	0.000244	0.0002	<0.0001	<0.0001	<0.002				0.68	0.66	0.97
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000305	<0.0002	0.0002	<0.0001	<0.002				0.61	0.62	-0.81
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000203	<0.0002	<0.0001	<0.0001	<0.002				0.73	0.73	-0.07
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00002	0.000226	<0.0002	0.0002	<0.0001	<0.002				0.74	0.73	0.75
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000284	<0.0002	0.0001	<0.0001	<0.002				0.68	0.67	1.04
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000144	<0.0002	0.0001	<0.0001	<0.002				0.65	0.66	-1.22
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000133	<0.0002	0.0030	<0.0001	<0.002				0.78	0.83	-3.25
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000123	<0.0002	0.0002	<0.0001	<0.002				0.77	0.81	-2.58
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000122	<0.0002	0.0004	<0.0001	<0.002				0.78	0.80	-0.82
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000108	<0.0002	0.0002	<0.0001	<0.002				0.90	0.87	1.35
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000097	<0.0002	0.0001	<0.0001	<0.002				0.82	0.84	-1.08
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000065	<0.0002	0.0003	<0.0001	<0.002				0.84	0.86	-1.30
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000167	<0.0002	0.0001	<0.0001	<0.002				0.787	0.873	-5.18
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000086	<0.0002	0.0002	<0.0001	<0.002				0.847	0.893	-2.64
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000078	<0.0002	0.0002	<0.0001	<0.002				0.710	0.751	-2.81
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000060	<0.0002	0.0001	<0.0001	<0.002				0.717	0.795	-5.16
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000058	<0.0002	0.0002	<0.0001	<0.002				0.735	0.790	-3.61
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000051	<0.0002	0.0002	<0.0001	<0.002				0.706	0.760	-3.68
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000122	<0.0002	0.0005	<0.0001	<0.002				0.781	0.833	-3.22
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000059	<0.0002	0.0003	<0.0001	<0.002				0.706	0.760	-3.68
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000051	<0.0002	0.0009	<0.0001	<0.002				0.817	0.762	3.48
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000046	<0.0002	0.0003	<0.0001	<0.002				0.792	0.778	0.890
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000041	<0.0002	0.0003	<0.0001	<0.002				0.740	0.810	-4.52
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000054	<0.0002	0.0003	<0.0001	<0.002				0.805	0.859	-3.25
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000042	<0.0002	0.0004	<0.0001	<0.002				0.698	0.753	-3.79
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000044	<0.0002	<0.0001	<0.0001	0.004				0.723	0.812	-5.80
BR04-03	HC-32															
BR04-03	HC-32	0.000005	<0.0002	<0.0005	0.00003	0.000045	<0.0002	0.0007	<0.0001	<0.002				0.778	0.711	4.50
BR04-03	HC-32															
BR04-03	HC-32	0.000005	<0.0002	<0.0005	<0.00001	0.000071	<0.0002	0.0004	<0.0001	<0.002				0.763	0.858	-5.86
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0005	<0.00001	0.000036	0.0003	0.0006	<0.0001	<0.002				0.687	0.719	-2.28
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00015	0.000031	<0.0002	0.0004	<0.0001	<0.002				0.640	0.690	-3.76
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000039	<0.0002	<0.0001	<0.0001	0.008				0.729	0.713	1.11
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000059	<0.0002	0.0002	<0.0001	<0.002				0.794	0.755	2.52
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000029	<0.0002	<0.0001	<0.0001	<0.002				0.757	0.697	4.13

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	61	15-Dec-14	250	205		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	62	22-Dec-14	250	205	7.16	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	63	29-Dec-14	250	210		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	64	05-Jan-15	250	205	7.13	94.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	65	12-Jan-15	250	205		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	66	19-Jan-15	250	210	7.15	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	67	26-Jan-15	250	210		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	68	02-Feb-15	250	220	7.31	109
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	69	09-Feb-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	70	16-Feb-15	250	220	7.17	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	71	23-Feb-15	250	235		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	72	02-Mar-15	250	215	7.20	94.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	73	09-Mar-15	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	74	16-Mar-15	250	230	7.30	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	75	23-Mar-15	250	210		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	76	30-Mar-15	250	200	7.27	104
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	77	06-Apr-15	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	78	13-Apr-15	250	215	7.15	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	79	20-Apr-15	250	210		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	80	27-Apr-15	250	230	7.24	108
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	81	04-May-15	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	82	11-May-15	250	240	7.29	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	83	18-May-15	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	84	25-May-15	250	220	7.13	99.0
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	85	01-Jun-15	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	86	08-Jun-15	250	215	7.34	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	87	15-Jun-15	250	235		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	88	22-Jun-15	250	215	7.20	111
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	89	29-Jun-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	90	06-Jul-15	250	220	7.20	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	91	13-Jul-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	92	20-Jul-15	250	220	7.18	103
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	93	27-Jul-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	94	03-Aug-15	250	225	7.18	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	95	10-Aug-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	96	17-Aug-15	250	220	7.11	109
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	97	24-Aug-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	98	31-Aug-15	250	220	7.17	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	99	07-Sep-15	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	100	14-Sep-15	250	220	7.09	102
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	101	21-Sep-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	102	28-Sep-15	250	225	7.10	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	103	05-Oct-15	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	104	12-Oct-15	250	220	7.00	125
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	105	19-Oct-15	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	106	26-Oct-15	250	220	7.11	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	107	02-Nov-15	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	108	09-Nov-15	250	220	6.99	113
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	109	16-Nov-15	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	110	23-Nov-15	250	220	7.01	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	111	30-Nov-15	250	215		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	29.6	<0.5	<0.5	5.8			0.6					39.6	0.0311	0.00003	0.00121
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	180	33.6	<0.5	<0.5	9.0			<0.5					43.5	0.0284	0.00002	0.00096
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	175	30.2	<0.5	<0.5	5.8			<0.5					34.8	0.0213	<0.00002	0.00077
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	32.4	<0.5	<0.5	6.5			<0.5					40.4	0.0235	0.00002	0.00093
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	130	35.3	<0.5	<0.5	6.7			<0.5					40.8	0.0159	<0.00002	0.00065
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	150	30.8	<0.5	<0.5	5.7			<0.5					39.0	0.0151	<0.00002	0.00060
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	140	34.1	<0.5	<0.5	6.6			<0.5					40.7	0.0149	<0.00002	0.00059
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	130	37.0	<0.5	<0.5	6.2			0.8					43.4	0.0173	<0.00002	0.00061
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	130	36.2	<0.5	1.2	5.3			<0.5					45.4	0.0139	<0.00002	0.00048
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	130	35.8	<0.5	<0.5	5.8			<0.5					40.9	0.0138	<0.00002	0.00048
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	140	42.4	<0.5	<0.5	6.0			<0.5					48.4	0.0119	<0.00002	0.00049
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	140	40.1	<0.5	<0.5	4.7			<0.5					47.3	0.0111	<0.00002	0.00045
BR04-03	HC-32																
BR04-03	HC-32																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00119	<0.00001	0.000006	<0.05	0.00010	<0.000005	7.54	<0.0001	0.000391	0.00026	<0.00005	0.003	0.000017	0.0012	5.03
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00130	<0.00001	<0.000005	<0.05	0.00011	<0.000005	8.92	<0.0001	0.000293	0.00014	<0.00005	0.003	<0.000005	<0.0005	5.16
BR04-03	HC-32															
BR04-03	HC-32	0.00100	<0.00001	<0.000005	<0.05	0.00009	<0.000005	6.65	<0.0001	0.000245	0.00008	<0.00005	<0.001	<0.000005	0.0008	4.41
BR04-03	HC-32															
BR04-03	HC-32	0.00144	<0.00001	<0.000005	<0.05	0.00012	<0.000005	7.83	<0.0001	0.000324	0.00053	<0.00005	0.021	0.000011	0.0008	5.05
BR04-03	HC-32															
BR04-03	HC-32	0.00121	<0.00001	<0.000005	<0.05	0.00008	<0.000005	8.54	<0.0001	0.000285	0.00014	<0.00005	0.001	0.000007	0.0007	4.73
BR04-03	HC-32															
BR04-03	HC-32	0.00124	<0.00001	<0.000005	<0.05	0.00008	0.000043	8.14	<0.0001	0.000252	0.00011	<0.00005	0.002	<0.000005	0.0006	4.53
BR04-03	HC-32															
BR04-03	HC-32	0.00121	<0.00001	<0.000005	<0.05	0.00008	<0.000005	8.47	<0.0001	0.000263	0.00015	<0.00005	0.002	0.000005	0.0007	4.75
BR04-03	HC-32															
BR04-03	HC-32	0.00124	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.27	<0.0001	0.000299	0.00017	<0.00005	0.005	0.000011	0.0005	4.92
BR04-03	HC-32															
BR04-03	HC-32	0.00129	<0.00001	<0.000005	<0.05	0.00009	<0.000005	9.55	<0.0001	0.000415	0.00017	<0.00005	0.003	0.000018	0.0008	5.23
BR04-03	HC-32															
BR04-03	HC-32	0.00124	<0.00001	<0.000005	<0.05	0.00009	0.000032	8.49	<0.0001	0.000588	0.00012	<0.00005	0.004	<0.000005	0.0007	4.78
BR04-03	HC-32															
BR04-03	HC-32	0.00165	<0.00001	<0.000005	<0.05	0.00011	<0.000005	9.76	<0.0001	0.000764	0.00028	<0.00005	0.006	0.000021	0.0007	5.85
BR04-03	HC-32															
BR04-03	HC-32	0.00133	<0.00001	<0.000005	<0.05	0.00011	0.000007	9.83	<0.0001	0.000965	0.00048	0.00006	0.023	0.000064	0.0007	5.53
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00411	<0.00001	0.009	0.00140	0.00046	0.48	0.00079	0.00009	0.4	<0.000005	0.71	0.00901	11	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00381	<0.00001	0.003	0.00132	0.00025	0.51	0.00080	0.00007	0.3	<0.000005	0.78	0.00961	11	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00255	0.00001	0.007	0.00105	0.00030	0.45	0.00068	0.00005	0.3	<0.000005	0.60	0.00772	<10	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32	0.00343	<0.00001	0.003	0.00137	0.00043	0.59	0.00096	0.00016	0.3	<0.000005	0.75	0.00843	11	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32	0.00409	<0.00001	0.004	0.00092	0.00035	0.42	0.00064	0.00006	0.3	<0.000005	0.55	0.00736	11	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00320	<0.00001	0.004	0.00114	0.00021	0.40	0.00067	0.00010	0.3	0.000006	0.54	0.00748	10	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00368	<0.00001	0.004	0.00103	0.00038	0.41	0.00071	0.00009	0.2	<0.000005	0.51	0.00746	11	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00416	<0.00001	0.006	0.00100	0.00022	0.46	0.00072	0.00008	0.3	<0.000005	0.51	0.00772	12	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00514	<0.00001	0.005	0.00091	0.00029	0.46	0.00074	0.00009	0.2	<0.000005	0.51	0.00744	13	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00642	<0.00001	0.007	0.00079	0.00031	0.45	0.00071	0.00010	0.2	<0.000005	0.45	0.00661	11	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.00881	<0.00001	0.007	0.00078	0.00042	0.51	0.00082	0.00012	0.2	<0.000005	0.49	0.00789	15	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.0101	0.00001	0.008	0.00074	0.00081	0.53	0.00086	0.00014	0.3	<0.000005	0.48	0.00718	14	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000033	<0.0002	0.0049	<0.0001	<0.002				0.752	0.837	-5.35
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000046	<0.0002	0.0003	<0.0001	<0.002				0.880	0.920	-2.22
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000030	0.0003	0.0002	<0.0001	<0.002				0.744	0.735	0.610
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000040	0.0003	0.0034	<0.0001	<0.002				0.804	0.858	-3.25
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000031	<0.0002	0.0006	<0.0001	<0.002				0.870	0.852	1.05
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	<0.0002	0.0021	<0.0001	<0.002				0.756	0.814	-3.69
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0006	<0.0001	<0.002				0.132	0.848	-73.1
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0051	<0.0001	<0.002				0.919	0.903	0.880
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000019	<0.0002	0.0026	<0.0001	<0.002				0.860	0.943	-4.60
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000017	<0.0002	0.0020	<0.0001	<0.002				0.86	0.85	0.76
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00003	0.000020	0.0010	0.0017	<0.0001	<0.002				1.01	1.00	0.05
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000018	<0.0002	0.0168	<0.0001	<0.002				0.93	0.98	-2.93
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	112	07-Dec-15	250	220	6.98	114
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	113	14-Dec-15	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	114	21-Dec-15	250	215	7.03	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	115	28-Dec-15	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	116	04-Jan-16	250	230	6.90	114
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	117	11-Jan-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	118	18-Jan-16	250	220	7.06	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	119	25-Jan-16	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	120	01-Feb-16	250	220	6.88	127
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	121	08-Feb-16	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	122	15-Feb-16	250	220	7.06	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	123	22-Feb-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	124	29-Feb-16	250	225	6.92	124
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	125	07-Mar-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	126	14-Mar-16	250	235	6.86	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	127	21-Mar-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	128	28-Mar-16	250	220	7.03	133
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	129	04-Apr-16	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	130	11-Apr-16	250	220	6.82	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	131	18-Apr-16	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	132	25-Apr-16	250	220	6.72	135
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	133	02-May-16	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	134	09-May-16	250	220	6.63	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	135	16-May-16	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	136	23-May-16	250	220	6.67	153
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	137	30-May-16	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	138	06-Jun-16	250	225	6.66	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	139	13-Jun-16	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	140	20-Jun-16	250	225	6.56	136
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	141	27-Jun-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	142	04-Jul-16	250	225	6.61	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	143	11-Jul-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	144	18-Jul-16	250	230	6.66	128
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	145	25-Jul-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	146	01-Aug-16	250	225	6.61	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	147	08-Aug-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	148	15-Aug-16	250	235	6.58	120
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	149	22-Aug-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	150	29-Aug-16	250	225	6.73	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	151	05-Sep-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	152	12-Sep-16	250	245	6.74	122
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	153	19-Sep-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	154	26-Sep-16	250	225	6.61	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	155	03-Oct-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	156	10-Oct-16	250	210	6.67	140
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	157	17-Oct-16	250	235		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	158	24-Oct-16	250	215	6.60	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	159	31-Oct-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	160	07-Nov-16	250	220	6.71	136
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	161	14-Nov-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	162	21-Nov-16	250	225	6.55	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32	140	38.1	<0.5	<0.5	5.2			<0.5					44.2	0.0136	<0.00002	0.00041
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	145	37.6	<0.5	<0.5	2.2			<0.5					44.8	0.0080	<0.00002	0.00043
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	155	45.7	<0.5	<0.5	5.4			<0.5					49.6	0.0096	<0.00002	0.00044
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	41.6	<0.5	<0.5	3.7			<0.5					48.1	0.0099	<0.00002	0.00040
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	150	48.1	<0.5	<0.5	4.5			<0.5					53.6	0.0111	<0.00002	0.00054
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	150	52.3	<0.5	<0.5	3.1			0.6					55.8	0.0115	<0.00002	0.00049
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	62.3	<0.5	<0.5	3.3			<0.5					61.6	0.0121	<0.00002	0.00048
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	48.5	<0.5	<0.5	3.0			0.6					53.1	0.0116	<0.00002	0.00037
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	150	45.1	<0.5	<0.5	2.8			0.6					52.5	0.0094	<0.00002	0.00038
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	42.1	<0.5	0.6	2.7			0.6					44.1	0.0070	<0.00002	0.00035
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	160	46.8	<0.5	0.6	3.1			0.5					49.2	0.0074	<0.00002	0.00032
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	170	56.2	<0.5	0.7	2.4			0.6					51.4	0.0102	<0.00002	0.00044
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	180	53.7	<0.5	<0.5	2.3			0.5					51.1	0.0097	<0.00002	0.00035
BR04-03	HC-32																
BR04-03	HC-32																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32	0.00210	<0.00001	<0.000005	<0.05	0.00011	0.000056	9.24	<0.0001	0.00101	0.00021	0.00007	0.018	0.000011	0.0007	5.13
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00183	<0.00001	<0.000005	<0.05	0.00014	<0.000005	9.41	<0.0001	0.00141	0.00029	0.00010	0.023	0.000215	0.0009	5.17
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00184	<0.00001	<0.000005	<0.05	0.00016	<0.000005	10.4	<0.0001	0.00209	0.00030	0.00017	0.024	0.000010	0.0008	5.72
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00199	0.00001	<0.000005	<0.05	0.00016	<0.000005	10.2	<0.0001	0.00233	0.00053	0.00030	0.024	0.000025	0.0007	5.49
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00370	0.00001	<0.000005	<0.05	0.00017	0.000005	11.8	<0.0001	0.00288	0.00203	0.00031	0.023	0.000026	0.0013	5.83
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00257	0.00002	<0.000005	<0.05	0.00021	<0.000005	11.4	<0.0001	0.00373	0.00100	0.00054	0.026	0.000107	0.0011	6.65
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00395	0.00003	<0.000005	<0.05	0.00028	<0.000005	13.2	<0.0001	0.00568	0.00060	0.00095	0.041	0.000009	0.0018	6.98
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00295	0.00002	<0.000005	<0.05	0.00024	<0.000005	10.9	<0.0001	0.00457	0.00052	0.00082	0.032	0.000024	0.0011	6.31
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00310	0.00002	<0.000005	<0.05	0.00022	<0.000005	11.5	<0.0001	0.00386	0.00040	0.00068	0.020	0.000010	0.0014	5.76
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00225	<0.00001	0.000007	<0.05	0.00018	<0.000005	9.2	<0.0001	0.00323	0.00038	0.00049	0.018	0.000033	0.0008	5.15
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00253	0.00001	<0.000005	<0.05	0.00023	<0.000005	10.8	<0.0001	0.00331	0.00047	0.00054	0.021	0.000022	0.0005	5.41
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00333	0.00003	<0.000005	<0.05	0.00037	<0.000005	11.1	<0.0001	0.00428	0.00062	0.00056	0.036	0.000018	0.0015	5.72
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00322	0.00002	<0.000005	<0.05	0.00035	<0.000005	11.0	<0.0001	0.00455	0.00060	0.00087	0.036	0.000018	0.0014	5.71
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32	0.0114	<0.00001	0.006	0.00064	0.00058	0.56	0.00089	0.00012	0.2	<0.000005	0.47	0.00700	14	<0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0166	<0.00001	0.005	0.00053	0.00095	0.59	0.00102	0.00014	0.3	<0.000005	0.48	0.00738	13	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0199	<0.00001	0.005	0.00051	0.00129	0.63	0.00113	0.00015	0.3	<0.000005	0.49	0.00747	15	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0248	<0.00001	0.004	0.00041	0.00146	0.74	0.00122	0.00015	0.3	0.000011	0.45	0.00779	15	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0306	<0.00001	<0.002	0.00042	0.00187	0.81	0.00131	0.00015	0.4	<0.000005	0.50	0.00945	17	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0387	<0.00001	0.010	0.00030	0.00238	0.91	0.00146	0.00022	0.4	<0.000005	0.54	0.00913	18	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0632	<0.00001	0.006	0.00023	0.00329	1.02	0.00177	0.00022	0.5	<0.000005	0.50	0.0110	21	<0.00002	0.000003
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0510	<0.00001	<0.002	0.00018	0.00279	1.01	0.00184	0.00021	0.4	<0.000005	0.44	0.00943	16	<0.00002	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0436	<0.00001	<0.002	0.00017	0.00253	0.90	0.00174	0.00019	0.5	<0.000005	0.38	0.0088	16	<0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0365	<0.00001	0.003	0.00016	0.00220	0.78	0.00143	0.00018	0.4	0.000006	0.33	0.00746	14	0.00005	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0424	<0.00001	0.003	0.00015	0.00250	0.87	0.00162	0.00019	0.4	<0.000005	0.36	0.0089	15	0.00005	<0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0464	<0.00001	0.003	0.00018	0.00287	1.31	0.00251	0.00021	0.4	0.000008	0.40	0.0092	16	<0.00002	0.000004
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0602	<0.00001	0.007	0.00011	0.00304	1.18	0.00249	0.00022	0.5	<0.000005	0.36	0.0099	17	<0.00002	0.000009
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000021	0.0004	0.0042	<0.0001	<0.002				0.90	0.92	-1.26
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000026	<0.0002	0.0013	<0.0001	<0.002				0.83	0.93	-6.08
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000031	<0.0002	0.0016	<0.0001	<0.002				1.06	1.03	1.29
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000035	0.0002	0.0077	<0.0001	<0.002				0.942	1.00	-3.14
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000039	<0.0002	0.0019	<0.0001	<0.002				1.09	1.12	-1.09
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000040	<0.0002	0.0037	<0.0001	0.004				1.17	1.17	0.13
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000052	<0.0002	0.0014	<0.0001	<0.002				1.36	1.29	2.98
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000043	<0.0002	0.0014	<0.0001	<0.002				1.09	1.11	-1.05
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000037	<0.0002	0.0013	<0.0001	<0.002				1.01	1.09	-3.70
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000027	<0.0002	0.0006	<0.0001	<0.002				0.95	0.92	1.55
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000027	<0.0002	0.0034	<0.0001	<0.002				1.05	1.02	1.40
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000036	<0.0002	0.0005	<0.0001	<0.002				1.24	1.08	6.69
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000043	<0.0002	0.0021	<0.0001	<0.002				1.18	1.07	4.80
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	163	28-Nov-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	164	05-Dec-16	250	220	6.59	135
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	165	12-Dec-16	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	166	19-Dec-16	250	230	6.53	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	167	26-Dec-16	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	168	02-Jan-17	250	215	6.32	157
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	169	09-Jan-17	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	170	16-Jan-17	250	215	6.32	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	171	23-Jan-17	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	172	30-Jan-17	250	220	6.32	144
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	173	06-Feb-17	250	210		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	174	13-Feb-17	250	220	6.01	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	175	20-Feb-17	250	240		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	176	27-Feb-17	250	245	6.17	148
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	177	06-Mar-17	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	178	13-Mar-17	250	235	6.02	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	179	20-Mar-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	180	27-Mar-17	250	230	5.95	154
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	181	03-Apr-17	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	182	10-Apr-17	250	225	5.70	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	183	17-Apr-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	184	24-Apr-17	250	230	5.69	146
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	185	01-May-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	186	08-May-17	250	220	5.56	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	187	15-May-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	188	22-May-17	250	230	4.98	145
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	189	29-May-17	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	190	05-Jun-17	250	235	4.88	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	191	12-Jun-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	192	19-Jun-17	250	230	5.10	148
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	193	26-Jun-17	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	194	03-Jul-17	250	220	5.07	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	195	10-Jul-17	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	196	17-Jul-17	250	245	5.03	151
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	197	24-Jul-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	198	31-Jul-17	250	240	5.04	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	199	7-Aug-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	200	14-Aug-17	250	225	4.97	131
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	201	21-Aug-17	250	240		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	202	28-Aug-17	250	225	4.86	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	203	4-Sep-17	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	204	11-Sep-17	250	230	4.94	133
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	205	18-Sep-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	206	25-Sep-17	250	215	4.73	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	207	02-Oct-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	208	09-Oct-17	250	220	4.69	148
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	209	16-Oct-17	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	210	23-Oct-17	250	230	4.65	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	211	30-Oct-17	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	212	06-Nov-17	250	230	4.86	140
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	213	13-Nov-17	250	225		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32																
BR04-03	HC-32	160	51.7	<0.5	1.0	<0.5			0.6					57.2	0.0145	<0.00002	0.00037
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	170	61.6	<0.5	0.6	2.1			0.5					59.8	0.0179	<0.00002	0.00036
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	185	55.8	<0.5	0.7	1.3			0.8					54.6	0.0185	<0.00002	0.00036
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	200	58.0	<0.5	0.6	<0.5			<0.5					60.4	0.0156	<0.00002	0.00030
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	190	57.6	<0.5	0.8	0.9			<0.5					56.9	0.0209	<0.00002	0.00039
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	195	61.6	<0.5	0.9	<0.5			<0.5					55.2	0.0505	0.00006	0.00046
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	180	57.7	<0.5	0.6	<0.5			0.7					53.3	0.0629	<0.00002	0.00035
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	200	56.0	<0.5	1.5	<0.5			0.6					46.5	0.0787	<0.00002	0.00044
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	210	54.7	<0.5	3.8	<0.5			<0.5					51.1	0.109	<0.00002	0.00043
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	210	45.7	<0.5	2.2	<0.5			<0.5					46.3	0.117	0.00018	0.00037
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	220	25.3	<0.5	2.2	<0.5			<0.5					45.8	0.103	<0.00002	0.00036
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	230	53.7	<0.5	2.3	<0.5			<0.5					54.3	0.143	<0.00002	0.00066
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	245	53.9	<0.5	3.2	<0.5			<0.5					50.1	0.124	<0.00002	0.00034
BR04-03	HC-32																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32															
BR04-03	HC-32	0.00391	0.00004	<0.000005	<0.05	0.00049	<0.000005	12.8	<0.0001	0.00702	0.00084	0.00133	0.068	0.000016	0.0016	6.12
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00604	0.00008	<0.000005	<0.05	0.00048	<0.000005	12.6	<0.0001	0.01060	0.00128	0.00262	0.097	0.000022	0.0017	6.87
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00560	0.00009	<0.000005	<0.05	0.00062	0.000006	11.3	<0.0001	0.0128	0.00160	0.00294	0.105	0.000029	0.0020	6.39
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00682	0.00011	<0.000005	<0.05	0.00068	<0.000005	13.2	<0.0001	0.0158	0.00160	0.00430	0.111	0.000041	0.0023	6.68
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00683	0.00015	<0.000005	<0.05	0.00059	0.000005	12.1	<0.0001	0.0166	0.00199	0.00477	0.126	0.000034	0.0025	6.48
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00788	0.00018	<0.000005	<0.05	0.00069	<0.000005	11.8	<0.0001	0.0203	0.00283	0.00647	0.154	0.000587	0.0028	6.25
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00739	0.00020	<0.000005	<0.05	0.00066	<0.000005	11.7	<0.0001	0.0198	0.00335	0.00667	0.140	0.000072	0.0028	5.85
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00702	0.00020	<0.000005	<0.05	0.00074	0.000006	9.93	<0.0001	0.0178	0.00362	0.00697	0.133	0.000105	0.0024	5.26
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00730	0.00029	<0.000005	<0.05	0.00082	0.000005	11.1	<0.0001	0.0205	0.00448	0.00915	0.133	0.000118	0.0029	5.72
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00621	0.00027	<0.000005	<0.05	0.00084	<0.000005	9.74	<0.0001	0.0176	0.00421	0.0086	0.117	0.000111	0.0026	5.34
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00623	0.00027	0.000005	<0.05	0.00072	0.000020	9.64	<0.0001	0.0175	0.00450	0.00795	0.106	0.000115	0.0028	5.29
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00676	0.00031	<0.000005	<0.05	0.00092	0.000009	11.7	<0.0001	0.0195	0.00581	0.00973	0.104	0.000298	0.0029	6.09
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00596	0.00028	<0.000005	<0.05	0.00083	0.000005	10.8	<0.0001	0.0185	0.00499	0.00828	0.091	0.000129	0.0026	5.65
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.0899	<0.00001	0.006	0.00009	0.00434	1.58	0.00331	0.00025	0.6	<0.000005	0.41	0.0105	19	<0.00002	0.000003
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.1250	<0.00001	0.004	0.00007	0.00654	1.55	0.00323	0.00027	0.6	<0.000005	0.38	0.0124	21	<0.00002	0.000003
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.158	<0.00001	0.015	0.00006	0.00809	1.91	0.00378	0.00024	0.7	<0.000005	0.39	0.00979	19	0.00010	0.000005
BR04-03	HC-32															
BR04-03	HC-32	0.221	<0.00001	0.006	<0.00005	0.0109	1.70	0.00354	0.00034	0.8	<0.000005	0.40	0.0124	20	<0.00002	0.000004
BR04-03	HC-32															
BR04-03	HC-32	0.194	<0.00001	<0.002	<0.00005	0.0114	1.76	0.00380	0.00028	0.9	<0.000005	0.35	0.0115	19	0.00004	0.000005
BR04-03	HC-32															
BR04-03	HC-32	0.237	<0.00001	0.004	<0.00005	0.0140	1.72	0.00387	0.00028	0.9	<0.000005	0.31	0.0117	19	0.00011	0.000005
BR04-03	HC-32															
BR04-03	HC-32	0.227	<0.00001	0.003	<0.00005	0.0140	1.64	0.00376	0.00031	0.8	<0.000005	0.28	0.0113	18	<0.00002	0.000004
BR04-03	HC-32															
BR04-03	HC-32	0.183	<0.00001	0.005	<0.00005	0.0130	1.66	0.00387	0.00023	0.9	<0.000005	0.27	0.0112	17	0.00004	0.000005
BR04-03	HC-32															
BR04-03	HC-32	0.200	<0.00001	0.006	<0.00005	0.0150	1.80	0.00405	0.00022	1.0	<0.000005	0.29	0.0103	18	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32	0.168	<0.00001	0.008	<0.00005	0.0128	1.73	0.00374	0.00017	0.9	<0.000005	0.26	0.01	16	<0.00002	0.000005
BR04-03	HC-32															
BR04-03	HC-32	0.177	<0.00001	0.004	<0.00005	0.0134	1.65	0.00342	0.00024	1.0	<0.000005	0.32	0.0100	16	0.00004	0.000006
BR04-03	HC-32															
BR04-03	HC-32	0.175	<0.00001	0.003	<0.00005	0.0145	1.87	0.00439	0.00022	1.1	<0.000005	0.27	0.0107	18	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32	0.191	<0.00001	0.006	<0.00005	0.0147	1.57	0.00376	0.00023	1.0	<0.000005	0.26	0.0107	17	<0.00002	0.000006
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000060	<0.0002	0.0018	<0.0001	<0.002				1.09	1.21	-4.95
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000074	<0.0002	0.0008	<0.0001	<0.002				1.34	1.26	3.00
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000088	<0.0002	0.0034	<0.0001	<0.002				1.21	1.17	1.77
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000110	<0.0002	0.0021	<0.0001	<0.002				1.21	1.28	-2.97
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000135	<0.0002	0.0019	<0.0001	<0.002				1.22	1.21	0.21
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000191	<0.0002	0.0021	<0.0001	<0.002				1.28	1.18	4.10
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000209	<0.0002	0.0016	<0.0001	<0.002				1.22	1.15	3.00
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000245	<0.0002	0.0034	<0.0001	<0.002				1.18	1.01	7.84
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000317	<0.0002	0.0027	<0.0001	<0.002				1.14	1.11	1.15
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000258	<0.0002	0.002	<0.0001	<0.002				0.95	1.02	-3.20
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000289	<0.0002	0.0100	<0.0001	<0.002				0.53	1.01	-31.3
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000357	<0.0002	0.0018	<0.0001	<0.002				1.12	1.19	-3.16
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000275	<0.0002	0.0053	<0.0001	<0.002				1.12	1.09	1.44
BR04-03	HC-32															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	214	20-Nov-17	250	225	4.79	148
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	215	27-Nov-17	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	216	04-Dec-17	250	220	4.68	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	217	11-Dec-17	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	218	18-Dec-17	250	225	4.61	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	219	25-Dec-17	250	225		144
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	220	01-Jan-18	250	225	4.80	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	221	08-Jan-18	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	222	15-Jan-18	250	230	4.59	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	223	22-Jan-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	224	29-Jan-18	250	235	4.60	150
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	225	05-Feb-18	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	226	12-Feb-18	250	225	4.56	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	227	19-Feb-18	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	228	26-Feb-18	250	225	4.61	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	229	05-Mar-18	250	230		160
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	230	12-Mar-18	250	220	4.49	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	231	19-Mar-18	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	232	26-Mar-18	250	220	4.55	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	233	02-Apr-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	234	09-Apr-18	250	225	4.49	128
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	235	16-Apr-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	236	23-Apr-18	250	225	4.51	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	237	30-Apr-18	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	238	07-May-18	250	225	4.52	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	239	14-May-18	250	230		125
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	240	21-May-18	250	245	4.52	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	241	28-May-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	242	04-Jun-18	250	225	4.53	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	243	11-Jun-18	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	244	18-Jun-18	250	230	4.12	140
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	245	25-Jun-18	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	246	02-Jul-18	250	230	4.44	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	247	09-Jul-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	248	16-Jul-18	250	230	4.39	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	249	23-Jul-18	250	220		146
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	250	30-Jul-18	250	235	4.42	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	251	06-Aug-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	252	13-Aug-18	250	220	4.4	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	253	20-Aug-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	254	27-Aug-18	250	230	4.43	140
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	255	03-Sep-18	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	256	10-Sep-18	250	225	4.45	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	257	17-Sep-18	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	258	24-Sep-18	250	230	4.36	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	259	01-Oct-18	250	235		128
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	260	08-Oct-18	250	235	4.46	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	261	15-Oct-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	262	22-Oct-18	250	220	4.34	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	263	29-Oct-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	264	05-Nov-18	250	230	4.73	132

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	260	57.4	<0.5	2.5	0.7			0.7					55.9	0.166	<0.00002	0.00076
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	250	49.7	<0.5	2.4	<0.5			<0.5					47.9	0.176	<0.00002	0.00026
BR04-03	HC-32																
BR04-03	HC-32	260	51.2	<0.5	3.3	<0.5			<0.5					47.8	0.213	<0.00002	0.00032
BR04-03	HC-32																
BR04-03	HC-32	270	56.5	<0.5	4.1	<0.5			<0.5					47.2	0.237	<0.00002	0.00053
BR04-03	HC-32																
BR04-03	HC-32	275	49.6	<0.5	3.6	<0.5			5.3					43.4	0.21	<0.00002	0.00033
BR04-03	HC-32																
BR04-03	HC-32	290	45.3	<0.5	3.9	<0.5			0.7					41.2	0.22	<0.00002	0.0003
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	288	47.0	<0.5	4.3	<0.5			1.4					44.5	0.25	0.00003	0.00043
BR04-03	HC-32																
BR04-03	HC-32	290	51.1	<0.5	4.5	<0.5			<0.5					43.3	0.173	<0.00002	0.00032
BR04-03	HC-32																
BR04-03	HC-32	300	52.7	<0.5	6.5	<0.5			1.4					43.2	0.282	<0.00002	0.00060
BR04-03	HC-32																
BR04-03	HC-32	305	48.5	<0.5	5.2	<0.5			<0.5					41.3	0.267	<0.00002	0.00048
BR04-03	HC-32																
BR04-03	HC-32	300	50.3	<0.5	3.7	<0.5			0.7					40.5	0.282	<0.00002	0.00026
BR04-03	HC-32																
BR04-03	HC-32	310	46.5	<0.5	2.8	<0.5			<0.5					44.2	0.340	<0.00002	0.00022
BR04-03	HC-32																
BR04-03	HC-32	300	43.9	<0.5	4.9	<0.5			<0.5					36.6	0.334	<0.00002	0.002

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00793	0.00036	<0.000005	<0.05	0.00089	0.000060	12.5	<0.0001	0.0185	0.00717	0.00972	0.142	0.000196	0.0029	5.98
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00595	0.00033	<0.000005	<0.05	0.00076	0.000007	10.3	<0.0001	0.0174	0.00686	0.00970	0.118	0.000165	0.0026	5.39
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00583	0.00041	<0.000005	<0.05	0.00086	0.000006	10.5	<0.0001	0.0173	0.00797	0.01070	0.118	0.000165	0.0026	5.21
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00679	0.00048	<0.000005	<0.05	0.00090	0.000005	10.4	<0.0001	0.0189	0.0100	0.0115	0.158	0.000204	0.0029	5.16
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00539	0.00042	<0.000005	<0.05	0.00094	0.000014	9.56	<0.0001	0.0149	0.00872	0.0108	0.116	0.000199	0.0024	4.74
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00464	0.00035	<0.000005	<0.05	0.00082	<0.000005	8.76	<0.0001	0.015	0.00784	0.0108	0.096	0.000617	0.0022	4.69
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00476	0.00044	<0.000005	<0.05	0.00082	0.000007	9.56	0.0001	0.0160	0.00850	0.0108	0.080	0.000239	0.0025	5.00
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00459	0.00039	<0.000005	<0.05	0.00073	0.000006	9.79	<0.0001	0.0157	0.0074	0.0093	0.084	0.000187	0.0022	4.57
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00829	0.00054	<0.000005	<0.05	0.00097	0.000006	9.67	<0.0001	0.0180	0.0123	0.0135	0.131	0.000364	0.0026	4.62
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00531	0.00046	<0.000005	<0.05	0.00095	0.000043	9.08	<0.0001	0.0176	0.0124	0.0119	0.134	0.000694	0.0023	4.51
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00435	0.00049	<0.000005	<0.05	0.00092	<0.000005	8.81	<0.0001	0.0167	0.0108	0.0119	0.093	0.000254	0.0024	4.49
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00457	0.00055	<0.000005	<0.05	0.00092	0.000006	9.66	<0.0001	0.0176	0.0126	0.0130	0.094	0.000351	0.0025	4.86
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00411	0.00053	<0.000005	<0.05	0.00093	0.000006	7.98	<0.0001	0.0155	0.0128	0.0123	0.094	0.000288	0.0023	4.05

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.183	<0.00001	0.007	<0.00005	0.0152	1.96	0.00428	0.00024	1.2	<0.000005	0.43	0.0122	19	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.167	0.00001	0.007	<0.00005	0.0140	1.61	0.00360	0.00020	1.1	<0.000005	0.24	0.0105	17	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.160	<0.00001	0.006	<0.00005	0.0142	1.58	0.00405	0.00020	1.1	<0.000005	0.23	0.0103	17	<0.00002	0.000005
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.178	<0.00001	0.005	<0.00005	0.0155	1.58	0.00395	0.00017	1.1	<0.000005	0.21	0.0108	16	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.128	<0.00001	0.006	<0.00005	0.012	1.54	0.00404	0.00015	1.0	<0.000005	0.21	0.0105	16	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.126	<0.00001	0.014	<0.00005	0.0122	1.38	0.00359	0.00014	1.0	<0.000005	0.19	0.00889	15	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.136	<0.00001	0.005	<0.00005	0.0129	1.38	0.00345	0.00017	1.1	<0.000005	0.20	0.00978	15	<0.00002	0.00001
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.154	<0.00001	<0.002	<0.00005	0.0128	1.23	0.00313	0.00017	1.1	<0.000005	0.17	0.00964	15	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.149	<0.00001	0.002	<0.00005	0.0138	1.41	0.00386	0.00014	1.0	<0.000005	0.20	0.0110	15	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.147	<0.00001	0.002	<0.00005	0.014	1.4	0.00361	0.00016	1.1	<0.000005	0.18	0.00926	14	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.141	<0.00001	0.006	<0.00005	0.0131	1.30	0.00343	0.00021	1.1	<0.000005	0.17	0.0092	15	<0.00002	0.000003
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.141	<0.00001	<0.002	<0.00005	0.0143	1.32	0.00357	0.00016	1.2	<0.000005	0.18	0.0093	16	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.123	<0.00001	0.009	<0.00005	0.0131	1.27	0.00351	0.00013	1.1	<0.000005	0.16	0.00872	14	<0.00002	0.000005

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000321	<0.0002	0.0172	<0.0001	<0.002				1.23	1.24	-0.41
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000349	<0.0002	0.0018	<0.0001	<0.002				1.04	1.06	-0.91
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000362	<0.0002	0.0033	<0.0001	<0.002				1.07	1.06	0.14
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000006	<0.0002	<0.0005	<0.00001	0.000474	<0.0002	0.0019	<0.0001	<0.002				1.18	1.06	5.42
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000356	<0.0002	0.0085	<0.0001	<0.002				1.18	0.977	9.5
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000007	<0.0002	<0.0005	<0.00001	0.000324	<0.0002	0.0019	<0.0001	<0.002				0.964	0.93	1.8
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00001	<0.0002	<0.0005	<0.00001	0.000402	<0.0002	0.0019	<0.0001	<0.002				1.02	1.00	0.94
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0012	<0.00001	0.000294	<0.0002	0.0023	<0.0001	<0.002				1.07	1.01	2.8
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000519	<0.0002	0.0034	<0.0001	<0.002				1.14	0.991	6.77
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0008	<0.00001	0.00043	<0.0002	0.0084	<0.0001	<0.002				1.01	0.948	3.22
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000397	<0.0002	0.0017	<0.0001	<0.002				1.07	0.925	7.18
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0007	<0.00001	0.000444	<0.0002	0.0023	<0.0001	0.004				0.97	1.010	-1.82
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0006	<0.00001	0.000431	<0.0002	0.0024	<0.0001	<0.002				0.914	0.835	4.52

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	265	12-Nov-18	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	266	19-Nov-18	250	220	4.34	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	267	26-Nov-18	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	268	03-Dec-18	250	220	4.35	139
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	269	10-Dec-18	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	270	17-Dec-18	250	220	4.27	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	271	24-Dec-18	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	272	31-Dec-18	250	220	4.31	130
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	273	07-Jan-19	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	274	14-Jan-19	250	230	4.30	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	275	21-Jan-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	276	28-Jan-19	250	225	4.25	140
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	277	04-Feb-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	278	11-Feb-19	250	215	4.24	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	279	18-Feb-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	280	25-Feb-19	250	235	4.28	130
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	281	04-Mar-19	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	282	11-Mar-19	250	225	4.22	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	283	18-Mar-19	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	284	25-Mar-19	250	230	4.22	150
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	285	01-Apr-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	286	08-Apr-19	250	220	4.18	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	287	15-Apr-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	288	22-Apr-19	250	230	4.19	149
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	289	29-Apr-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	290	06-May-19	250	220	4.21	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	291	13-May-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	292	20-May-19	250	225	4.19	137
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	293	27-May-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	294	03-Jun-19	250	230	4.11	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	295	10-Jun-19	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	296	17-Jun-19	250	220	4.07	149
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	297	24-Jun-19	250	215		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	298	01-Jul-19	250	215	3.96	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	299	08-Jul-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	300	15-Jul-19	250	220	4.14	132
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	301	22-Jul-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	302	29-Jul-19	250	225	4.15	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	303	05-Aug-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	304	12-Aug-19	250	230	4.19	123
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	305	19-Aug-19	250	210		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	306	26-Aug-19	250	225	4.02	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	307	02-Sep-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	308	09-Sep-19	250	230	4.01	128
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	309	16-Sep-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	310	23-Sep-19	250	225	4.08	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	311	30-Sep-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	312	07-Oct-19	250	225	4.07	126
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	313	14-Oct-19	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	314	21-Oct-19	250	235	4.07	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	315	28-Oct-19	250	230		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	330	42.2	<0.5	5.3	<0.5			<0.5					39.1	0.402	<0.00002	0.00035
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	345	42.4	<0.5	4.4	<0.5			<0.5					35.9	0.417	<0.00002	0.00033
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	330	41.9	0.6	7.8	<0.5			<0.5					32.3	0.409	<0.00002	0.00029
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	37.1	<0.5	7.6	<0.5			<0.5					32.8	0.452	<0.00002	0.00042
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	41.1	<0.5	6.7	<0.5			<0.5					35.2	0.486	<0.00002	0.00038
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	360	44.8	0.7	8.9	<0.5			<0.5					35.9	0.473	<0.00002	0.00038
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	51.3	0.6	7.9	<0.5			0.5					35.8	0.520	<0.00002	0.00046
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	310	40.1	<0.5	8.5	<0.5			0.7					35.2	0.490	<0.00002	0.00040
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	37.1	<0.5	7.4	<0.5			<0.5					33.1	0.575	<0.00002	0.00032
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	330	39.9	<0.5	9.64	<0.5			1.3					31.8	0.565	0.00002	0.00032
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	45.5	<0.5	11.3	<0.5			0.5					32.8	0.733	<0.00002	0.00035
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	350	45.6	<0.5	10.4	<0.5			<0.5					31.6	0.618	<0.00002	0.00036
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00453	0.00067	<0.000005	<0.05	0.00102	0.000016	8.35	<0.0001	0.0176	0.0154	0.0138	0.098	0.000423	0.0027	4.43
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00421	0.00065	<0.000005	<0.05	0.00101	0.000010	7.32	<0.0001	0.0170	0.0159	0.0137	0.082	0.000410	0.0025	4.27
BR04-03	HC-32															
BR04-03	HC-32	0.00364	0.00055	<0.000005	<0.05	0.00090	0.000010	6.65	0.0015	0.0161	0.0160	0.0121	0.080	0.000333	0.0021	3.80
BR04-03	HC-32															
BR04-03	HC-32	0.00443	0.00067	<0.000005	<0.05	0.00103	0.000008	6.94	<0.0001	0.0163	0.0174	0.0136	0.068	0.000498	0.0025	3.77
BR04-03	HC-32															
BR04-03	HC-32	0.00414	0.00067	<0.000005	<0.05	0.00098	0.000008	7.49	0.0001	0.0171	0.0188	0.0145	0.076	0.000352	0.0021	4.01
BR04-03	HC-32															
BR04-03	HC-32	0.00417	0.00070	<0.000005	<0.05	0.00110	0.000006	7.78	0.0002	0.0171	0.0201	0.0149	0.089	0.000397	0.0024	4.01
BR04-03	HC-32															
BR04-03	HC-32	0.00454	0.00077	<0.000005	<0.05	0.00104	0.000014	7.62	0.0003	0.0183	0.0221	0.0140	0.089	0.000725	0.0025	4.07
BR04-03	HC-32															
BR04-03	HC-32	0.00485	0.00070	<0.000005	<0.05	0.00114	0.000026	7.59	<0.0001	0.0182	0.0221	0.0158	0.107	0.005020	0.0021	3.95
BR04-03	HC-32															
BR04-03	HC-32	0.00375	0.00079	<0.000005	<0.05	0.00112	0.000024	6.89	<0.0001	0.0188	0.0239	0.0145	0.118	0.000464	0.0023	3.86
BR04-03	HC-32															
BR04-03	HC-32	0.00330	0.00076	<0.000005	<0.05	0.00111	0.000008	6.71	0.0002	0.0161	0.0208	0.0130	0.125	0.000437	0.0023	3.66
BR04-03	HC-32															
BR04-03	HC-32	0.00372	0.00089	<0.000005	<0.05	0.00134	0.000007	6.96	<0.0001	0.0200	0.0213	0.0179	0.189	0.000557	0.0027	3.75
BR04-03	HC-32															
BR04-03	HC-32	0.00303	0.00077	<0.000005	<0.05	0.00114	0.000029	6.79	0.0001	0.0161	0.0197	0.0140	0.106	0.000595	0.0023	3.55
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.142	<0.00001	<0.002	<0.00005	0.0141	1.41	0.00379	0.00015	1.2	<0.000005	0.17	0.00886	14	<0.00002	0.000009
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.140	<0.00001	0.004	<0.00005	0.0144	1.33	0.00361	0.00015	1.1	<0.000005	0.19	0.00833	15	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.137	<0.00001	0.005	<0.00005	0.0134	1.21	0.00335	0.00020	1.0	0.000012	0.17	0.00732	12	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.139	<0.00001	0.003	<0.00005	0.0129	1.27	0.00357	0.00014	1.1	<0.000005	0.16	0.00765	13	0.00003	0.000009
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.150	<0.00001	0.003	<0.00005	0.0143	1.30	0.00346	0.00014	1.0	<0.000005	0.15	0.00809	14	0.00002	0.000011
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.153	<0.00001	0.003	<0.00005	0.0143	1.36	0.00356	0.00014	1.2	0.000005	0.15	0.00793	14	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.155	<0.00001	0.004	<0.00005	0.0157	1.24	0.00339	0.00015	1.2	0.000005	0.14	0.00817	14	<0.00002	0.000012
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.156	<0.00001	<0.002	<0.00005	0.0151	1.40	0.00360	0.00012	1.1	<0.000005	0.14	0.00723	13	<0.00002	0.000015
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.141	<0.00001	<0.002	<0.00005	0.0152	1.31	0.00369	0.00014	1.2	<0.000005	0.15	0.00767	14	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.125	<0.00001	0.003	<0.00005	0.0129	1.15	0.00349	0.00012	1.3	0.000005	0.15	0.00735	13	0.00006	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.138	<0.00001	<0.002	<0.00005	0.0160	1.28	0.00407	0.00016	1.4	<0.000005	0.15	0.00795	14	0.00005	0.000009
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.118	<0.00001	0.002	<0.00005	0.0135	1.13	0.00344	0.00014	1.1	<0.000005	0.14	0.00754	14	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000006	<0.0002	<0.0005	<0.00001	0.000500	<0.0002	0.0028	<0.0001	<0.002				0.879	0.924	-2.50
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000005	<0.0002	<0.0005	0.00002	0.000471	<0.0002	0.0025	<0.0001	<0.002				0.884	0.863	1.20
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0022	0.00001	0.000379	0.0003	0.0029	<0.0001	<0.002				0.873	0.793	4.80
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000520	<0.0002	0.0025	<0.0001	<0.002				0.773	0.806	-2.09
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	0.0010	<0.00001	0.000527	0.0005	0.0026	<0.0001	<0.002				0.86	0.87	-0.64
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000006	<0.0002	0.0005	<0.00001	0.000518	0.0003	0.0029	<0.0001	<0.002				0.93	0.89	2.53
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000015	<0.0002	<0.0005	<0.00001	0.000559	0.0013	0.0037	<0.0001	<0.002				1.09	0.885	10.2
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000010	<0.0002	<0.0005	<0.00001	0.000617	<0.0002	0.0052	<0.0001	<0.002				0.85	0.90	-2.40
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000010	<0.0002	<0.0005	<0.00001	0.000555	<0.0002	0.0029	<0.0001	<0.002				0.77	0.85	-4.63
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000010	<0.0002	<0.0005	<0.00001	0.000488	0.0002	0.0028	<0.0001	<0.002				0.87	0.81	3.46
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000016	<0.0002	<0.0005	<0.00001	0.000705	<0.0002	0.0028	<0.0001	<0.002				0.96	0.887	4.16
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000010	<0.0002	<0.0005	<0.00001	0.000537	<0.0002	0.0045	<0.0001	<0.002				0.950	0.829	6.80
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	316	04-Nov-19	250	225	4.05	133
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	317	11-Nov-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	318	18-Nov-19	250	225	4.05	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	319	25-Nov-19	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	320	02-Dec-19	250	220	4.07	132
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	321	09-Dec-19	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	322	16-Dec-19	250	225	4.01	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	323	23-Dec-19	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	324	30-Dec-19	250	230	4.12	121
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	325	06-Jan-20	250	220		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	326	13-Jan-20	250	230	4.09	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	327	20-Jan-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	328	27-Jan-20	250	245	4.10	124
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	329	03-Feb-20	250	240		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	330	10-Feb-20	250	230	4.09	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	331	17-Feb-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	332	24-Feb-20	250	225	4.26	115
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	333	02-Mar-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	334	09-Mar-20	250	230	4.09	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	335	16-Mar-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	336	23-Mar-20	250	225	4.10	115
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	337	30-Mar-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	338	06-Apr-20	250	230	4.06	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	339	13-Apr-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	340	20-Apr-20	250	225	4.07	114
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	341	27-Apr-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	342	04-May-20	250	230	4.10	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	343	11-May-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	344	18-May-20	250	230	4.06	119
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	345	25-May-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	346	01-Jun-20	250	225	4.13	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	347	08-Jun-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	348	15-Jun-20	250	230	4.11	114
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	349	22-Jun-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	350	29-Jun-20	250	230	4.11	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	351	06-Jul-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	352	13-Jul-20	250	230	4.06	114
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	353	20-Jul-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	354	27-Jul-20	250	230	4.07	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	355	03-Aug-20	250	230		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	356	10-Aug-20	250	230	4.08	110
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	357	17-Aug-20	250	240		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	358	24-Aug-20	250	230	4.06	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	359	31-Aug-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	360	07-Sep-20	250	225	4.13	119
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	361	14-Sep-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	362	21-Sep-20	250	225	4.05	
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	363	28-Sep-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	364	05-Oct-20	250	225	4.08	108
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	365	12-Oct-20	250	225		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	366	19-Oct-20	250	235	4.10	

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32	335	37.9	<0.5	9.1	<0.5			<0.5					38.8	0.628	<0.00002	0.00034
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	350	37.4	<0.5	11.7	<0.5			<0.5					33.6	0.721	<0.00002	0.00033
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	360	37.3	<0.5	8.6	<0.5			<0.5					32.7	0.688	0.00003	0.00007
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	350	37.0	<0.5	5.0	<0.5			0.6					30.7	0.553	<0.00002	0.00021
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	310	33.7	<0.5	3.9	<0.5			0.6					25.4	0.597	<0.00002	0.00025
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	360	30.7	1.0	9.1	<0.5			<0.5					25.0	0.549	<0.00002	0.00021
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	360	27.2	1.7	8.9	<0.5			0.9					21.5	0.472	<0.00002	0.00020
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	330	40.5	1.6	8.6	<0.5			<0.5					28.4	0.618	0.00017	0.00062
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	32.9	<0.5	7.3	<0.5			<0.5					25.7	0.536	<0.00002	0.00028
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	330	28.7	<0.5	3.7	<0.5			<0.5					22.8	0.489	<0.00002	0.00022
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	31.2	2.5	9.8	<0.5			0.5					22.9	0.561	<0.00002	0.00022
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	350	27.7	<0.5	4.5	<0.5			<0.5					21.9	0.484	<0.00002	0.00023
BR04-03	HC-32																
BR04-03	HC-32																
BR04-03	HC-32	340	29.8	<0.5	6.9	<0.5			<0.5					22.0	0.524	<0.00002	0.00028
BR04-03	HC-32																
BR04-03	HC-32																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32	0.00456	0.00072	<0.000005	<0.05	0.00113	0.000202	8.75	<0.0001	0.0155	0.0187	0.0131	0.117	0.000697	0.0022	4.12
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00327	0.00082	<0.000005	<0.05	0.00122	0.000011	7.10	<0.0001	0.0167	0.0297	0.0155	0.121	0.000793	0.0026	3.85
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00316	0.00084	<0.000005	<0.05	0.00117	0.000015	6.79	<0.0001	0.0158	0.0200	0.0137	0.105	0.000695	0.0025	3.82
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00272	0.00062	<0.000005	<0.05	0.00107	0.000006	6.75	<0.0001	0.0136	0.0157	0.0117	0.097	0.0009	0.0025	3.36
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00276	0.00070	<0.000005	<0.05	0.00102	0.000029	5.32	<0.0001	0.0126	0.0193	0.0106	0.108	0.0006	0.0021	2.95
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00224	0.00054	<0.000005	<0.05	0.00096	0.000018	5.34	0.0001	0.0115	0.0154	0.00973	0.102	0.0005	0.0020	2.84
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00233	0.00048	<0.000005	<0.05	0.00083	0.000007	4.58	<0.0001	0.0098	0.0132	0.00815	0.088	0.0004	0.0015	2.45
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00298	0.00061	<0.000005	<0.05	0.00100	<0.000005	5.88	0.0001	0.0135	0.0206	0.00991	0.109	0.0013	0.0021	3.32
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00256	0.00054	<0.000005	<0.05	0.00100	0.000147	5.59	<0.0001	0.0111	0.0138	0.00835	0.092	0.00064	0.0019	2.86
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00244	0.00055	<0.000005	<0.05	0.00091	0.000032	4.86	<0.0001	0.0118	0.0145	0.00800	0.088	0.00049	0.0019	2.59
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00234	0.00053	<0.000005	<0.05	0.00095	<0.000005	4.89	<0.0001	0.0120	0.0167	0.00867	0.096	0.000464	0.0018	2.59
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00224	0.00047	<0.000005	<0.05	0.00079	0.000006	4.77	<0.0001	0.0115	0.0189	0.00718	0.080	0.000424	0.0017	2.43
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.00217	0.00054	<0.000005	<0.05	0.00095	<0.000005	4.71	<0.0001	0.0122	0.0185	0.00778	0.094	0.000451	0.0016	2.48
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32	0.114	<0.00001	0.004	0.00056	0.0126	1.19	0.00334	0.00013	1.4	0.000007	0.24	0.0157	14	0.00005	0.000010
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.124	<0.00001	<0.002	<0.00005	0.0136	1.08	0.00346	0.00014	1.3	<0.000005	0.15	0.00821	13	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.120	<0.00001	<0.002	<0.00005	0.0132	1.03	0.00330	0.00014	1.2	0.000039	0.15	0.00785	14	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.112	<0.00001	0.003	<0.00005	0.0116	0.91	0.00304	0.00011	1.5	<0.000005	0.13	0.00759	12	<0.00002	0.000009
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0884	<0.00001	0.015	<0.00005	0.0101	0.86	0.00272	0.00011	1.1	0.000019	0.12	0.00604	11	0.00004	0.000030
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0857	0.00001	0.016	<0.00005	0.00974	0.77	0.00253	0.00011	1.1	0.000008	0.10	0.00620	<10	<0.00002	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0740	<0.00001	0.007	<0.00005	0.00864	0.67	0.00217	0.00010	0.9	<0.000005	0.11	0.00549	<10	0.00003	0.000006
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.102	<0.00001	0.007	<0.00005	0.0119	0.82	0.00268	0.00014	1.2	0.000006	0.16	0.00780	12	<0.00002	0.000008
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0930	<0.00001	0.002	<0.00005	0.00929	0.77	0.00269	0.00011	1.3	0.000005	0.10	0.00728	11	0.00003	0.000007
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0887	<0.00001	0.005	<0.00005	0.00970	0.72	0.00231	0.00012	1.2	<0.000005	0.11	0.00590	<10	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0900	<0.00001	0.012	<0.00005	0.00999	0.74	0.00243	0.00009	1.1	<0.000005	0.11	0.00620	10	<0.00002	0.000006
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0813	<0.00001	<0.002	<0.00005	0.00932	0.61	0.00184	0.00023	1.0	<0.000005	0.19	0.00629	<10	<0.00002	0.000005
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.0862	<0.00001	0.008	<0.00005	0.0101	0.73	0.00230	0.00010	1.1	0.000005	0.11	0.00605	<10	<0.00002	0.000005
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32	0.000013	<0.0002	<0.0005	<0.00001	0.000572	<0.0002	0.0102	<0.0001	<0.002				0.790	0.985	-11.0
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000007	<0.0002	0.0005	<0.00001	0.000550	<0.0002	0.0046	<0.0001	<0.002				0.779	0.880	-6.09
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000491	<0.0002	0.0036	<0.0001	<0.002				0.776	0.848	-4.43
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000010	<0.0002	<0.0005	<0.00001	0.000403	<0.0002	0.0019	<0.0001	<0.002				0.786	0.791	-0.320
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000009	<0.0002	<0.0005	<0.00001	0.000406	<0.0002	0.0032	<0.0001	<0.002				0.720	0.665	3.97
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000015	<0.0002	0.0008	<0.00001	0.000333	<0.0002	0.0018	<0.0001	<0.002				0.640	0.672	-2.44
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000005	<0.0002	<0.0005	<0.00001	0.000291	<0.0002	0.0027	<0.0001	<0.002				0.593	0.596	-0.250
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000021	<0.0002	<0.0005	<0.00001	0.000380	<0.0002	0.0036	<0.0001	<0.002				0.843	0.759	5.24
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	0.00001	0.000290	<0.0002	0.0130	<0.0001	<0.002				0.686	0.683	0.220
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000009	<0.0002	<0.0005	<0.00001	0.000298	<0.0002	0.0023	<0.0001	<0.002				0.598	0.912	-20.8
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000009	<0.0002	<0.0005	<0.00001	0.000337	<0.0002	0.0014	<0.0001	<0.002				0.665	0.634	2.39
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	<0.000005	<0.0002	<0.0005	<0.00001	0.000292	<0.0002	0.0015	<0.0001	<0.002				0.576	0.597	-1.79
BR04-03	HC-32															
BR04-03	HC-32															
BR04-03	HC-32	0.000005	<0.0002	0.0007	<0.00001	0.000294	0.0002	0.0017	<0.0001	<0.002				0.621	0.611	0.810
BR04-03	HC-32															
BR04-03	HC-32															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	367	26-Oct-20	250	245		
BR04-03	HC-32	Locale 2	Mudstone	12GRL089	175.00	176.00	1.12	1.08	0.08	11.30	2.85	368	02-Nov-20	250	230	4.12	112

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	0	14-Oct-13	750	615	6.85	151
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	1	21-Oct-13	500	470	6.72	120
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	2	28-Oct-13	500	460	6.34	109
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	3	04-Nov-13	500	460	6.11	100
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	4	11-Nov-13	500	455	6.05	95.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	5	18-Nov-13	500	465	6.02	103
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	6	25-Nov-13	500	460	5.64	104
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	7	02-Dec-13	500	460	5.03	111
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	8	09-Dec-13	500	460	4.94	109
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	9	16-Dec-13	500	470	4.78	103
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	10	23-Dec-13	500	475	4.71	103
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	11	30-Dec-13	500	455	4.71	90.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	12	06-Jan-14	500	460	4.62	91.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	13	13-Jan-14	500	460	4.61	87.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	14	20-Jan-14	500	455	4.46	93.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	15	27-Jan-14	500	455	4.30	111
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	16	03-Feb-14	500	470	4.27	109
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	17	10-Feb-14	500	460	4.27	105
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	18	17-Feb-14	500	465	4.19	124
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	19	24-Feb-14	500	465	4.17	116
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	20	03-Mar-14	500	470	4.15	94.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	21	10-Mar-14	500	445	4.01	135
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	22	17-Mar-14	500	490	4.09	96.0
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	23	24-Mar-14	500	460	4.03	107
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	24	31-Mar-14	500	455	3.93	132
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	25	07-Apr-14	500	455	3.99	110
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	26	14-Apr-14	500	460	3.93	125
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	27	21-Apr-14	500	465	3.90	128
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	28	28-Apr-14	500	465	3.85	137
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	29	05-May-14	500	460	3.83	148
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	30	12-May-14	500	460	3.79	141
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	31	19-May-14	500	480	3.71	176
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	32	26-May-14	500	465	3.71	158
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	33	02-Jun-14	500	465	3.71	168
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	34	09-Jun-14	500	465	3.74	164
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	35	16-Jun-14	500	455	3.76	159
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	36	23-Jun-14	500	465	3.71	169
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	37	30-Jun-14	500	450	3.65	176
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	38	07-Jul-14	500	475	3.64	186
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	39	14-Jul-14	500	470	3.69	167
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	40	21-Jul-14	500	465	3.62	189

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR04-03	HC-32																
BR04-03	HC-32	350	25.1	1.6	9.0	<0.5			<0.5					20.3	0.506	<0.00002	0.00019

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-04	HC-38	150	55.2	<0.5	<0.5	4.8	0.05	<0.01	2.0	<0.02	<0.005	<0.005	0.001	43.0	0.0070	0.00029	0.00266
BR06-04	HC-38	150	42.7	<0.5	0.8	0.7	<0.05	<0.01	1.2	0.02	<0.005	0.007	<0.001	38.9	0.0026	0.00017	0.00330
BR06-04	HC-38	120	38.6	<0.5	<0.5	0.7	<0.05	<0.01	0.7	<0.02	<0.005	<0.005	0.003	36.5	0.0021	0.00011	0.00177
BR06-04	HC-38	135	37.3	<0.5	<0.5	<0.5	<0.05	<0.01	<0.5	<0.02	<0.005	0.006	<0.001	35.9	0.0033	0.00008	0.00180
BR06-04	HC-38	135	38.4	<0.5	1.4	0.7	<0.05	<0.01	0.6	<0.02	<0.005	<0.005	0.001	32.9	0.0340	0.00006	0.00140
BR06-04	HC-38	160	41.9	<0.5	1.0	<0.5	<0.05	<0.01	<0.5					33.2	0.0198	0.00004	0.00133
BR06-04	HC-38	185	38.5	<0.5	0.7	<0.5	<0.05	<0.01	<0.5					34.5	0.0465	0.00004	0.00117
BR06-04	HC-38	200	41.9	<0.5	1.6	<0.5	<0.05	<0.01	<0.5					35.5	0.0789	0.00003	0.00105
BR06-04	HC-38	205	38.5	<0.5	2.7	<0.5	<0.05	<0.01	<0.5					35.3	0.137	0.00003	0.00279
BR06-04	HC-38	220	46.9	<0.5	3.6	<0.5	0.05	<0.01	<0.5					39.1	0.241	0.00003	0.00131
BR06-04	HC-38	235	36.9	<0.5	5.1	<0.5	<0.05	<0.01	<0.5					30.5	0.267	<0.00002	0.00084
BR06-04	HC-38	230	33.5	<0.5	3.5	<0.5	<0.05	<0.01	<0.5					26.6	0.309	<0.00002	0.00080
BR06-04	HC-38	230	35.0	<0.5	4.1	<0.5	0.06	<0.01	<0.5					23.6	0.405	<0.00002	0.00069
BR06-04	HC-38	240	32.4	<0.5	8.8	<0.5	0.05	<0.01	<0.5					22.3	0.473	<0.00002	0.00046
BR06-04	HC-38	230	33.0	<0.5	8.4	<0.5	0.07	<0.01	<0.5					22.3	0.641	<0.00002	0.00050
BR06-04	HC-38	230	38.6	<0.5	11.1	<0.5	0.09	<0.01	<0.5					23.9	0.897	<0.00002	0.00051
BR06-04	HC-38	250	38.2	0.7	16.7	<0.5	0.10	<0.01	<0.5					23.9	1.14	<0.00002	0.00047
BR06-04	HC-38	250	31.9	<0.5	16.5	<0.5	0.08	<0.01	<0.5					18.3	1.10	<0.00002	0.00042
BR06-04	HC-38	310	35.8	1.9	20.7	<0.5	0.11	<0.01	<0.5					19.7	1.50	<0.00002	0.00083
BR06-04	HC-38	300	38.3	2.3	22.0	<0.5	0.11	<0.01	<0.5					19.5	1.89	<0.00002	0.00056
BR06-04	HC-38	310	29.7	2.5	18.6	<0.5	0.10	<0.01	<0.5					15.3	1.55	<0.00002	0.00047
BR06-04	HC-38	330	47.4	3.3	29.0	<0.5	0.13	<0.01	0.5					20.8	2.58	<0.00002	0.00055
BR06-04	HC-38	330	28.7	3.1	19.1	<0.5	0.11	<0.01	<0.5					12.9	1.72	<0.00002	0.00027
BR06-04	HC-38	320	28.4	4.8	22.8	<0.5	0.12	<0.01	<0.5					12.2	1.82	<0.00002	0.00040
BR06-04	HC-38	330	37.3	6.2	29.3	<0.5	0.14	<0.01	<0.5					16.0	2.77	<0.00002	0.00051
BR06-04	HC-38	340	29.3	6.0	26.4	<0.5	0.13	<0.01	<0.5					10.9	2.37	<0.00002	0.00045
BR06-04	HC-38	350	34.2	6.0	29.8	<0.5	0.15	<0.01	<0.5					11.9	2.89	<0.00002	0.00049
BR06-04	HC-38	350	37.6	7.4	28.7	<0.5	0.14	<0.01	<0.5					11.3	2.91	<0.00002	0.00043
BR06-04	HC-38	330	40.0	8.9	33.7	<0.5	0.16	<0.01	<0.5					12.2	3.26	<0.00002	0.00060
BR06-04	HC-38	330	41.0	9.7	34.1	<0.5	0.15	<0.01	<0.5					11.3	3.45	<0.00002	0.00054
BR06-04	HC-38	350	38.4	8.3	34.4	<0.5	0.17	<0.01	<0.5					11.1	3.29	<0.00002	0.00052
BR06-04	HC-38	365	44.0	13.2	40.1	<0.5	0.19	<0.01	<0.5					13.2	3.94	<0.00002	0.00061
BR06-04	HC-38	370	43.3	12.3	36.2	<0.5	0.18	<0.01	<0.5					11.9	3.51	<0.00002	0.00056
BR06-04	HC-38	380	40.0	12.7	37.7	<0.5	0.19	<0.01	<0.5					11.8	3.26	<0.00002	0.00042
BR06-04	HC-38	380	38.5	12.0	34.0	<0.5	0.19	<0.01	<0.5					11.2	3.11	<0.00002	0.00048
BR06-04	HC-38	380	37.6	12.4	34.9	<0.5	0.19	<0.01	<0.5					10.8	3.24	<0.00002	0.00048
BR06-04	HC-38	400	39.2	13.1	37.9	<0.5	0.20	<0.01	<0.5					11.8	3.56	<0.00002	0.00037
BR06-04	HC-38	430	40.9	13.7	38.6	<0.5	0.20	<0.01	<0.5					12.5	3.66	<0.00002	0.00041
BR06-04	HC-38	400	46.7	12.4	35.7	<0.5	0.20	<0.01	<0.5					12.2	3.65	<0.00002	0.00038
BR06-04	HC-38	390	39.2	12.8	34.4	<0.5	0.17	<0.01	<0.5					11.1	3.10	<0.00002	0.00042
BR06-04	HC-38	390	43.9	15.6	39.8	<0.5	0.21	<0.01	<0.5					13.1	3.64	<0.00002	0.00064

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR04-03	HC-32															
BR04-03	HC-32	0.00236	0.00051	<0.000005	<0.05	0.00089	<0.000005	4.19	<0.0001	0.0114	0.0175	0.00723	0.082	0.000508	0.0018	2.40

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-04	HC-38	0.00251	0.00004	<0.000005	<0.05	0.00036	0.000014	8.25	<0.0001	0.0310	0.0317	0.00006	0.021	0.000023	0.0102	5.43
BR06-04	HC-38	0.00203	0.00005	<0.000005	<0.05	0.00015	0.000014	7.33	<0.0001	0.0144	0.00468	<0.00005	0.002	0.000025	0.0045	5.00
BR06-04	HC-38	0.00233	0.00008	<0.000005	<0.05	0.00011	0.000018	6.48	<0.0001	0.0181	0.00667	0.00005	0.002	0.000046	0.0035	4.93
BR06-04	HC-38	0.00283	0.00014	<0.000005	<0.05	0.00010	0.000028	6.67	<0.0001	0.0357	0.0149	0.00010	0.006	0.000066	0.0035	4.68
BR06-04	HC-38	0.00436	0.00028	<0.000005	<0.05	0.00010	0.000049	6.14	<0.0001	0.0701	0.0329	0.00021	0.022	0.000135	0.0048	4.27
BR06-04	HC-38	0.00600	0.00041	<0.000005	<0.05	0.00011	0.000063	6.06	<0.0001	0.111	0.0535	0.00039	0.046	0.000201	0.0051	4.38
BR06-04	HC-38	0.00833	0.00069	<0.000005	<0.05	0.00011	0.000077	6.10	<0.0001	0.165	0.0966	0.00070	0.097	0.000327	0.0060	4.67
BR06-04	HC-38	0.00937	0.00116	<0.000005	<0.05	0.00013	0.000091	6.37	<0.0001	0.227	0.164	0.00119	0.165	0.000490	0.0075	4.77
BR06-04	HC-38	0.01040	0.00159	<0.000005	<0.05	0.00013	0.000102	6.00	<0.0001	0.278	0.246	0.00156	0.247	0.000602	0.0092	4.92
BR06-04	HC-38	0.01260	0.00241	<0.000005	<0.05	0.00014	0.000117	7.08	<0.0001	0.356	0.402	0.00240	0.427	0.000867	0.0110	5.21
BR06-04	HC-38	0.01020	0.00236	<0.000005	<0.05	0.00011	0.000094	4.92	<0.0001	0.335	0.431	0.00250	0.411	0.000777	0.0091	4.42
BR06-04	HC-38	0.00870	0.00267	<0.000005	<0.05	0.00009	0.000089	4.31	<0.0001	0.309	0.466	0.00242	0.478	0.000740	0.0093	3.84
BR06-04	HC-38	0.00829	0.00304	<0.000005	<0.05	0.00008	0.000077	3.96	<0.0001	0.293	0.512	0.00284	0.583	0.000883	0.0090	3.34
BR06-04	HC-38	0.00781	0.00326	<0.000005	<0.05	0.00007	0.000069	3.51	<0.0001	0.311	0.577	0.00321	0.630	0.000853	0.0096	3.27
BR06-04	HC-38	0.00850	0.00410	<0.000005	<0.05	0.00008	0.000071	3.61	<0.0001	0.327	0.678	0.00413	0.822	0.00101	0.0105	3.21
BR06-04	HC-38	0.01040	0.00527	<0.000005	<0.05	0.00009	0.000083	3.80	<0.0001	0.391	0.816	0.00567	1.08	0.00136	0.0119	3.49
BR06-04	HC-38	0.01050	0.00610	<0.000005	<0.05	0.00009	0.000080	3.62	<0.0001	0.434	0.950	0.00669	1.19	0.00154	0.0126	3.61
BR06-04	HC-38	0.00914	0.00516	<0.000005	<0.05	0.00007	0.000065	2.94	<0.0001	0.377	0.889	0.00625	0.995	0.00145	0.0102	2.67
BR06-04	HC-38	0.01010	0.00637	<0.000005	<0.05	0.00008	0.000063	3.22	0.0002	0.370	0.946	0.00812	1.36	0.00171	0.0127	2.84
BR06-04	HC-38	0.00957	0.00692	<0.000005	<0.05	0.00008	0.000062	2.92	0.0002	0.402	1.03	0.00921	1.42	0.00189	0.0141	2.98
BR06-04	HC-38	0.00822	0.00589	<0.000005	<0.05	0.00007	0.000050	2.58	<0.0001	0.329	0.834	0.00799	0.926	0.00160	0.0106	2.14
BR06-04	HC-38	0.01670	0.00842	<0.000005	<0.05	0.00009	0.000083	3.45	0.0002	0.455	1.19	0.0122	1.72	0.00248	0.0157	2.95
BR06-04	HC-38	0.00941	0.00572	<0.000005	<0.05	0.00006	0.000041	2.22	0.0002	0.306	0.790	0.00795	0.912	0.00187	0.0099	1.78
BR06-04	HC-38	0.00884	0.00594	<0.000005	<0.05	0.00007	0.000041	2.02	0.0002	0.312	0.830	0.00851	0.813	0.00188	0.0110	1.74
BR06-04	HC-38	0.01090	0.00776	<0.000005	<0.05	0.00009	0.000047	2.73	0.0003	0.386	1.10	0.0127	1.34	0.00252	0.0145	2.22
BR06-04	HC-38	0.00849	0.00571	<0.000005	<0.05	0.00007	0.000039	1.86	0.0002	0.295	0.812	0.0103	0.968	0.00204	0.0104	1.51
BR06-04	HC-38	0.00882	0.00641	<0.000005	<0.05	0.00007	0.000039	2.09	0.0003	0.325	0.881	0.0117	1.12	0.00226	0.0117	1.63
BR06-04	HC-38	0.00864	0.00606	<0.000005	<0.05	0.00008	0.000038	2.02	0.0003	0.321	0.843	0.0116	1.10	0.00240	0.0112	1.52
BR06-04	HC-38	0.00934	0.00638	0.000005	<0.05	0.00008	0.000042	2.24	0.0004	0.324	0.835	0.0143	1.14	0.00269	0.0122	1.60
BR06-04	HC-38	0.00893	0.00578	<0.000005	<0.05	0.00007	0.000043	2.06	0.0005	0.323	0.816	0.0123	0.993	0.00251	0.0111	1.50
BR06-04	HC-38	0.00881	0.00547	<0.000005	<0.05	0.00007	0.000033	2.10	0.0007	0.301	0.794	0.0123	1.06	0.00266	0.0114	1.42
BR06-04	HC-38	0.00917	0.00573	<0.000005	<0.05	0.00008	0.000042	2.47	0.0011	0.343	0.845	0.0142	1.39	0.00294	0.0143	1.70
BR06-04	HC-38	0.00915	0.00482	<0.000005	<0.05	0.00007	0.000039	2.27	0.0010	0.313	0.784	0.0117	1.36	0.00271	0.0111	1.51
BR06-04	HC-38	0.00934	0.00424	<0.000005	<0.05	0.00007	0.000037	2.43	0.0009	0.275	0.674	0.0111	1.10	0.00265	0.0103	1.40
BR06-04	HC-38	0.00850	0.00361	<0.000005	<0.05	0.00006	0.000035	2.29	0.0008	0.268	0.681	0.0113	0.958	0.00249	0.0089	1.33
BR06-04	HC-38	0.00783	0.00331	<0.000005	<0.05	0.00006	0.000034	2.13	0.0007	0.262	0.601	0.00993	0.931	0.00227	0.0089	1.33
BR06-04	HC-38	0.00807	0.00349	<0.000005	<0.05	0.00006	0.000037	2.31	0.0008	0.271	0.652	0.0117	0.909	0.00230	0.0098	1.46
BR06-04	HC-38	0.00786	0.00346	<0.000005	<0.05	0.00006	0.000035	2.49	0.0008	0.268	0.649	0.0122	0.867	0.00229	0.0097	1.52
BR06-04	HC-38	0.00832	0.00312	<0.000005	<0.05	0.00006	0.000036	2.49	0.0007	0.280	0.647	0.0110	1.10	0.00245	0.0092	1.46
BR06-04	HC-38	0.00839	0.00270	<0.000005	<0.05	0.00006	0.000033	2.39	0.0007	0.242	0.567	0.00949	0.932	0.00238	0.0089	1.24
BR06-04	HC-38	0.00961	0.00281	<0.000005	<0.05	0.00007	0.000038	2.89	0.0009	0.264	0.596	0.0106	1.10	0.00249	0.0098	1.42

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR04-03	HC-32															
BR04-03	HC-32	0.0782	<0.00001	0.007	<0.00005	0.00964	0.71	0.00222	0.00009	1.0	<0.000005	0.13	0.00695	<10	<0.00002	0.000006

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-04	HC-38	0.0714	<0.00001	0.003	0.00038	0.0688	9.22	0.00922	0.00196	1.0	<0.000005	4.86	0.0408	20	<0.00002	0.000067
BR06-04	HC-38	0.0759	<0.00001	0.003	0.00027	0.0366	4.69	0.00369	0.00178	1.2	<0.000005	2.50	0.0328	18	<0.00002	0.000040
BR06-04	HC-38	0.0922	<0.00001	0.003	0.00007	0.0439	4.09	0.00316	0.00113	1.4	<0.000005	1.95	0.0320	16	<0.00002	0.000035
BR06-04	HC-38	0.117	<0.00001	0.002	<0.00005	0.0698	3.60	0.00298	0.00109	1.8	<0.000005	1.41	0.0351	14	<0.00002	0.000039
BR06-04	HC-38	0.150	<0.00001	0.006	<0.00005	0.104	3.52	0.00283	0.00071	1.9	<0.000005	1.03	0.0374	14	<0.00002	0.000041
BR06-04	HC-38	0.163	<0.00001	0.009	<0.00005	0.130	3.11	0.00299	0.00064	2.3	<0.000005	0.84	0.0368	12	<0.00002	0.000047
BR06-04	HC-38	0.186	<0.00001	0.008	<0.00005	0.169	3.43	0.00325	0.00072	2.6	<0.000005	0.79	0.0418	13	<0.00002	0.000055
BR06-04	HC-38	0.209	<0.00001	0.009	<0.00005	0.215	3.25	0.00326	0.00075	2.6	<0.000005	0.70	0.0442	14	<0.00002	0.000052
BR06-04	HC-38	0.214	<0.00001	0.009	<0.00005	0.248	3.22	0.00328	0.00071	2.5	<0.000005	0.58	0.0450	15	<0.00002	0.000053
BR06-04	HC-38	0.249	<0.00001	0.009	<0.00005	0.319	3.24	0.00367	0.00081	3.3	<0.000005	0.57	0.0497	17	<0.00002	0.000062
BR06-04	HC-38	0.203	<0.00001	0.013	<0.00005	0.294	2.62	0.00274	0.00057	2.5	<0.000005	0.44	0.0425	15	<0.00002	0.000049
BR06-04	HC-38	0.172	0.00002	0.002	<0.00005	0.271	2.18	0.00226	0.00058	2.1	<0.000005	0.30	0.0338	12	<0.00002	0.000036
BR06-04	HC-38	0.155	<0.00001	0.005	<0.00005	0.264	1.88	0.00205	0.00049	2.1	<0.000005	0.26	0.0326	11	<0.00002	0.000033
BR06-04	HC-38	0.147	<0.00001	0.020	<0.00005	0.283	1.72	0.00182	0.00039	1.8	<0.000005	0.25	0.0300	<10	<0.00002	0.000029
BR06-04	HC-38	0.148	<0.00001	0.008	<0.00005	0.303	1.73	0.00193	0.00053	2.0	<0.000005	0.21	0.0310	10	<0.00002	0.000035
BR06-04	HC-38	0.163	<0.00001	0.003	<0.00005	0.359	1.84	0.00213	0.00053	2.5	0.000005	0.21	0.0338	13	<0.00002	0.000036
BR06-04	HC-38	0.168	<0.00001	0.004	<0.00005	0.397	1.90	0.00218	0.00062	2.8	<0.000005	0.24	0.0315	13	<0.00002	0.000039
BR06-04	HC-38	0.131	<0.00001	0.006	<0.00005	0.345	1.34	0.00172	0.00050	2.2	<0.000005	0.18	0.0254	10	<0.00002	0.000037
BR06-04	HC-38	0.133	<0.00001	0.007	<0.00005	0.350	1.59	0.00195	0.00054	3.0	<0.000005	0.19	0.0258	12	<0.00002	0.000042
BR06-04	HC-38	0.134	<0.00001	0.007	<0.00005	0.383	1.52	0.00187	0.00050	2.9	<0.000005	0.18	0.0253	13	<0.00002	0.000042
BR06-04	HC-38	0.101	<0.00001	0.008	<0.00005	0.301	1.18	0.00151	0.00037	2.5	<0.000005	0.14	0.0204	11	<0.00002	0.000037
BR06-04	HC-38	0.133	<0.00001	0.006	0.00008	0.412	1.64	0.00210	0.00059	3.7	0.000007	0.21	0.0272	16	<0.00002	0.000051
BR06-04	HC-38	0.0859	<0.00001	0.004	<0.00005	0.275	1.08	0.00147	0.00040	3.0	0.000006	0.13	0.0155	11	<0.00002	0.000035
BR06-04	HC-38	0.0782	<0.00001	0.002	<0.00005	0.283	1.02	0.00149	0.00044	2.6	<0.000005	0.13	0.0142	10	<0.00002	0.000037
BR06-04	HC-38	0.0958	<0.00001	0.002	<0.00005	0.359	1.25	0.00192	0.00057	3.4	0.000009	0.17	0.0173	14	<0.00002	0.000048
BR06-04	HC-38	0.0685	<0.00001	<0.002	<0.00005	0.262	0.96	0.00140	0.00046	2.6	<0.000005	0.12	0.0114	12	<0.00002	0.000034
BR06-04	HC-38	0.0702	<0.00001	0.003	<0.00005	0.282	0.98	0.00135	0.00047	3.1	0.000010	0.13	0.0115	13	<0.00002	0.000030
BR06-04	HC-38	0.0642	<0.00001	0.003	<0.00005	0.274	0.93	0.00149	0.00050	3.1	0.000010	0.13	0.0104	12	<0.00002	0.000040
BR06-04	HC-38	0.0645	<0.00001	0.002	<0.00005	0.278	0.92	0.00146	0.00051	3.4	0.000011	0.13	0.0111	14	<0.00002	0.000039
BR06-04	HC-38	0.0599	<0.00001	<0.002	<0.00005	0.252	0.85	0.00132	0.00056	3.1	0.000013	0.13	0.00914	15	<0.00002	0.000041
BR06-04	HC-38	0.0547	<0.00001	0.002	<0.00005	0.257	0.86	0.00129	0.00052	3.0	0.000008	0.12	0.00916	13	<0.00002	0.000037
BR06-04	HC-38	0.0605	<0.00001	0.003	<0.00005	0.291	0.84	0.00138	0.00058	3.8	0.000009	0.14	0.00941	17	<0.00002	0.000041
BR06-04	HC-38	0.0550	<0.00001	0.003	<0.00005	0.262	0.77	0.00129	0.00054	3.3	0.000005	0.14	0.00848	16	<0.00002	0.000040
BR06-04	HC-38	0.0500	<0.00001	0.003	<0.00005	0.239	0.76	0.00128	0.00054	3.4	<0.000005	0.12	0.00852	15	<0.00002	0.000037
BR06-04	HC-38	0.0451	<0.00001	0.005	<0.00005	0.232	0.63	0.00117	0.00057	2.8	0.000010	0.12	0.00829	14	<0.00002	0.000029
BR06-04	HC-38	0.0426	<0.00001	0.003	<0.00005	0.214	0.60	0.00100	0.00054	2.8	0.000010	0.13	0.00728	12	<0.00002	0.000030
BR06-04	HC-38	0.0477	<0.00001	0.005	<0.00005	0.229	0.64	0.00106	0.00054	3.1	<0.000005	0.13	0.00754	15	<0.00002	0.000031
BR06-04	HC-38	0.0446	<0.00001	0.007	<0.00005	0.233	0.60	0.00110	0.00056	2.9	0.000018	0.14	0.00765	15	<0.00002	0.000036
BR06-04	HC-38	0.0436	<0.00001	0.003	<0.00005	0.228	0.65	0.00110	0.00052	3.4	0.000008	0.13	0.00714	15	<0.00002	0.000034
BR06-04	HC-38	0.0384	<0.00001	0.004	<0.00005	0.201	0.60	0.00099	0.00055	3.0	<0.000005	0.13	0.00710	14	<0.00002	0.000027
BR06-04	HC-38	0.0411	<0.00001	0.006	<0.00005	0.217	0.64	0.00113	0.00060	3.5	0.000013	0.16	0.00797	16	<0.00002	0.000039

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR04-03	HC-32															
BR04-03	HC-32	0.000009	<0.0002	<0.0005	<0.00001	0.000264	<0.0002	0.0024	<0.0001	<0.002				0.524	0.569	-4.12

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	0.00002	0.000077	<0.0002	0.0033	<0.0001	<0.002				1.31	1.31	-0.19
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	0.00001	0.000046	<0.0002	0.0014	<0.0001	<0.002				0.94	1.01	-3.70
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.000050	<0.0002	0.0019	<0.0001	<0.002				0.84	0.92	-4.65
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.000079	<0.0002	0.0040	<0.0001	<0.002				0.78	0.88	-6.11
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.000159	<0.0002	0.0094	<0.0001	<0.002				0.83	0.80	1.47
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.000265	<0.0002	0.0142	<0.0001	<0.002				0.87	0.79	4.87
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.000523	<0.0002	0.0232	<0.0001	<0.002				0.80	0.83	-1.65
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.000792	<0.0002	0.0372	<0.0001	<0.002				0.87	0.85	1.27
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00111	<0.0002	0.0497	<0.0001	<0.002				0.80	0.85	-3.02
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00175	<0.0002	0.0683	<0.0001	<0.002				0.98	0.96	1.29
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00183	<0.0002	0.0673	<0.0001	<0.002				0.77	0.76	0.39
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00191	<0.0002	0.0654	<0.0001	<0.002				0.70	0.68	1.60
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00216	<0.0002	0.0647	<0.0001	<0.002				0.73	0.62	8.12
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00241	<0.0002	0.0661	<0.0001	<0.002				0.68	0.60	6.03
BR06-04	HC-38	<0.000005	<0.0002	0.0018	<0.00001	0.00312	<0.0002	0.0720	<0.0001	<0.002				0.69	0.63	4.85
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00407	<0.0002	0.0856	<0.0001	<0.002				0.81	0.71	6.80
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00469	<0.0002	0.0940	<0.0001	<0.002				0.80	0.75	3.56
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00406	<0.0002	0.0779	<0.0001	<0.002				0.67	0.60	5.43
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00479	<0.0002	0.0799	<0.0001	<0.002				0.75	0.70	3.80
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00535	<0.0002	0.0855	<0.0001	<0.002				0.80	0.74	4.22
BR06-04	HC-38	<0.000005	<0.0002	0.0005	<0.00001	0.00457	<0.0002	0.0656	<0.0001	<0.002				0.63	0.58	3.91
BR06-04	HC-38	0.000010	<0.0002	<0.0005	<0.00001	0.00628	<0.0002	0.0917	<0.0001	<0.002				1.01	0.86	8.02
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00420	<0.0002	0.0582	<0.0001	<0.002				0.60	0.54	5.14
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00403	<0.0002	0.0588	<0.0001	<0.002				0.60	0.54	5.36
BR06-04	HC-38	0.000015	<0.0002	<0.0005	<0.00001	0.00557	<0.0002	0.0726	<0.0001	<0.002				0.79	0.76	1.95
BR06-04	HC-38	<0.000005	<0.0002	0.0006	<0.00001	0.00409	<0.0002	0.0533	<0.0001	<0.002				0.62	0.57	3.61
BR06-04	HC-38	0.000009	<0.0002	<0.0005	<0.00001	0.00442	<0.0002	0.0546	<0.0001	<0.002				0.72	0.66	4.12
BR06-04	HC-38	0.000013	<0.0002	<0.0005	<0.00001	0.00430	<0.0002	0.0516	<0.0001	<0.002				0.79	0.65	10.00
BR06-04	HC-38	0.000026	<0.0002	<0.0005	<0.00001	0.00446	<0.0002	0.0513	<0.0001	<0.002				0.91	0.71	12.50
BR06-04	HC-38	0.000025	<0.0002	<0.0005	<0.00001	0.00400	<0.0002	0.0477	<0.0001	<0.002				0.86	0.70	10.20
BR06-04	HC-38	0.000043	<0.0002	<0.0005	<0.00001	0.00394	<0.0002	0.0438	<0.0001	<0.002				0.81	0.68	8.53
BR06-04	HC-38	0.000073	<0.0002	<0.0005	<0.00001	0.00437	<0.0002	0.0496	<0.0001	<0.002				0.93	0.81	6.80
BR06-04	HC-38	0.000087	<0.0002	<0.0005	<0.00001	0.00357	<0.0002	0.0471	<0.0001	<0.002				0.91	0.73	11.10
BR06-04	HC-38	0.000040	<0.0002	<0.0005	<0.00001	0.00347	<0.0002	0.0389	<0.0001	<0.002				0.84	0.69	10.30
BR06-04	HC-38	0.000029	<0.0002	<0.0005	<0.00001	0.00299	<0.0002	0.0376	<0.0001	<0.002				0.81	0.65	11.10
BR06-04	HC-38	0.000024	<0.0002	<0.0005	<0.00001	0.00284	<0.0002	0.0318	<0.0001	<0.002				0.793	0.652	9.76
BR06-04	HC-38	0.000015	<0.0002	<0.0005	<0.00001	0.00297	<0.0002	0.0361	<0.0001	<0.002				0.828	0.709	7.74
BR06-04	HC-38	0.000037	<0.0002	<0.0005	<0.00001	0.00294	<0.0002	0.0360	<0.0001	<0.002				0.862	0.732	8.16
BR06-04	HC-38	0.000020	<0.0002	<0.0005	<0.00001	0.00289	<0.0002	0.0353	<0.0001	<0.002				0.984	0.735	14.5
BR06-04	HC-38	0.000016	<0.0002	<0.0005	<0.00001	0.00240	<0.0002	0.0303	<0.0001	<0.002				0.826	0.640	12.7
BR06-04	HC-38	0.000021	<0.0002	<0.0005	<0.00001	0.00248	<0.0002	0.0327	<0.0001	<0.002				0.926	0.750	10.5

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	41	28-Jul-14	500	480	3.66	174
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	42	04-Aug-14	500	465	3.68	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	43	11-Aug-14	500	465	3.66	161
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	44	18-Aug-14	500	460	3.63	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	45	25-Aug-14	500	470	3.67	189
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	46	01-Sep-14	500	475	3.62	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	47	08-Sep-14	500	480	3.67	174
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	48	15-Sep-14	500	485	3.64	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	49	22-Sep-14	500	470	3.63	185
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	50	29-Sep-14	500	485	3.63	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	51	06-Oct-14	500	460	3.63	182
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	52	13-Oct-14	500	460	3.59	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	53	20-Oct-14	500	460	3.61	186
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	54	27-Oct-14	500	465	3.58	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	55	03-Nov-14	500	465	3.57	191
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	56	10-Nov-14	500	460	3.59	
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	57	17-Nov-14	500	475	3.53	208
BR06-04	HC-38	LCP North	Mudstone	12GRL069	67.00	68.00	2.34	2.31	0.01	7.50	2.28	58	24-Nov-14	500	465	3.60	

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		0	01-Dec-14	750	580	8.42	195
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		1	08-Dec-14	500	455	7.96	224
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		2	15-Dec-14	500	480	7.90	135
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		3	22-Dec-14	500	475	7.81	111
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		4	29-Dec-14	500	475	7.90	81
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		5	05-Jan-15	500	475	7.76	73
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		6	12-Jan-15	500	480	7.78	67
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		7	19-Jan-15	500	470	7.58	63
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		8	26-Jan-15	500	470	7.58	63
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		9	02-Feb-15	500	455	7.68	60
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		10	09-Feb-15	500	485	7.60	56
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		11	16-Feb-15	500	485	7.53	46
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		12	23-Feb-15	500	480	7.60	43
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		13	02-Mar-15	500	465	7.66	48
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		14	09-Mar-15	500	470	7.54	45
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		15	16-Mar-15	500	455	7.55	45
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		16	23-Mar-15	500	495	7.55	43
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		17	30-Mar-15	500	480	7.54	42
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		18	06-Apr-15	500	460	7.65	39
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		19	13-Apr-15	500	475	7.61	42
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		20	20-Apr-15	500	465	7.62	41
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		21	27-Apr-15	500	460	7.63	40
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		22	04-May-15	500	475	7.60	37
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		23	11-May-15	500	470	7.50	39
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		24	18-May-15	500	475	7.53	42

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
BR06-04	HC-38	390	35.2	13.7	33.4	<0.5	0.18	<0.01	0.9					11.0	2.73	<0.00002	0.00039
BR06-04	HC-38																
BR06-04	HC-38	380	35.6	13.1	34.5	<0.5			<0.5					10.5	2.95	<0.00002	0.00045
BR06-04	HC-38																
BR06-04	HC-38	350	36.5	14.9	36.9	<0.5			<0.5					10.7	2.98	<0.00002	0.00041
BR06-04	HC-38																
BR06-04	HC-38	350	33.3	13.6	32.2	<0.5			<0.5					9.7	2.49	<0.00002	0.00051
BR06-04	HC-38																
BR06-04	HC-38	320	33.2	14.8	33.5	<0.5			<0.5					11.2	2.86	<0.00002	0.00038
BR06-04	HC-38																
BR06-04	HC-38	330	34.2	15.1	36.6	<0.5			<0.5					10.5	3.24	<0.00002	0.00041
BR06-04	HC-38																
BR06-04	HC-38	330	38.0	18.0	39.0	<0.5			<0.5					8.9	3.23	<0.00002	0.00036
BR06-04	HC-38																
BR06-04	HC-38	350	40.5	11.0	37.5	<0.5			0.6					9.2	3.46	<0.00002	0.00026
BR06-04	HC-38																
BR06-04	HC-38	360	43.0	19.2	41.8	<0.5			<0.5					9.6	3.51	<0.00002	0.00026
BR06-04	HC-38																

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42	100	22.7	<0.5	<0.5	59.6	0.61		7.7					14.2	1.05	0.00113	0.00535
	HC-42	130	52.2	<0.5	<0.5	44.2	0.28		1.0					51.4	0.206	0.00105	0.0304
	HC-42	140	28.6	<0.5	<0.5	30.1	0.16		<0.5					39.6	0.202	0.00065	0.0571
	HC-42	150	17.4	<0.5	<0.5	29.1	0.13		<0.5					32.2	0.130	0.00055	0.0908
	HC-42	140	11.5	<0.5	<0.5	23.7	0.08		<0.5					27.7	0.183	0.00043	0.180
	HC-42	140	10.5	<0.5	<0.5	24.4	0.06		<0.5					34.3	0.220	0.00046	0.361
	HC-42	125	10.8	<0.5	2.0	21.5	0.06		<0.5					26.4	0.191	0.00033	0.366
	HC-42	145	9.1	<0.5	<0.5	21.1	0.05		<0.5					24.5	0.170	0.00032	0.479
	HC-42	150	8.8	<0.5	<0.5	20.5	<0.05		<0.5					25.4	0.148	0.00028	0.510
	HC-42	150	8.7	<0.5	<0.5	17.3	<0.05		<0.5					23.0	0.153	0.00024	0.549
	HC-42	155	8.6	<0.5	<0.5	16.2	<0.05		<0.5					22.4	0.128	0.00022	0.510
	HC-42	150	6.4	<0.5	<0.5	13.1	<0.05		<0.5					18.5	0.165	0.00018	0.553
	HC-42	150	7.6	<0.5	<0.5	12.6	<0.05		<0.5					18.8	0.201	0.00016	0.457
	HC-42	140	7.1	<0.5	<0.5	13.0	<0.05		<0.5					19.5	0.166	0.00016	0.431
	HC-42	120	8.6	<0.5	0.6	11.6	<0.05		<0.5					17.4	0.181	0.00016	0.438
	HC-42	140	6.9	<0.5	<0.5	12.8	<0.05		<0.5					19.2	0.157	0.00016	0.390
	HC-42	150	6.7	<0.5	<0.5	11.4	<0.05		<0.5					18.0	0.151	0.00018	0.433
	HC-42	145	6.8	<0.5	<0.5	11.4	<0.05		<0.5					17.3	0.130	0.00015	0.373
	HC-42	155	6.5	<0.5	<0.5	10.7	<0.05		<0.5					15.8	0.180	0.00013	0.356
	HC-42	160	6.9	<0.5	<0.5	11.9	<0.05		<0.5					17.5	0.154	0.00013	0.323
	HC-42	155															
	HC-42	150	6.2	<0.5	<0.5	9.6	<0.05		<0.5					15.7	0.160	0.00012	0.292
	HC-42	130															
	HC-42	120	7.4	<0.5	<0.5	9.9	<0.05		<0.5					16.5	0.110	0.00013	0.289
	HC-42	120															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
BR06-04	HC-38	0.00987	0.00211	<0.000005	<0.05	0.00006	0.000033	2.48	0.0006	0.218	0.511	0.00816	0.908	0.00237	0.0080	1.17
BR06-04	HC-38															
BR06-04	HC-38	0.00899	0.00182	<0.000005	<0.05	0.00006	0.000034	2.18	0.0007	0.194	0.458	0.00855	0.932	0.00226	0.0077	1.22
BR06-04	HC-38															
BR06-04	HC-38	0.00946	0.00183	<0.000005	<0.05	0.00006	0.000036	2.19	0.0008	0.207	0.491	0.00882	0.974	0.00241	0.0085	1.26
BR06-04	HC-38															
BR06-04	HC-38	0.00816	0.00139	0.000005	<0.05	<0.00005	0.000033	2.15	0.0005	0.147	0.351	0.00701	0.791	0.00197	0.0070	1.06
BR06-04	HC-38															
BR06-04	HC-38	0.00913	0.00136	<0.000005	<0.05	<0.00005	0.000030	2.39	0.0007	0.175	0.424	0.00780	0.803	0.00228	0.0079	1.27
BR06-04	HC-38															
BR06-04	HC-38	0.00912	0.00130	<0.000005	<0.05	<0.00005	0.000034	2.07	0.0008	0.169	0.407	0.00889	0.532	0.00220	0.0080	1.30
BR06-04	HC-38															
BR06-04	HC-38	0.00811	0.00122	<0.000005	<0.05	<0.00005	0.000035	1.67	0.0010	0.174	0.458	0.00876	0.849	0.00231	0.0075	1.14
BR06-04	HC-38															
BR06-04	HC-38	0.00748	0.00131	<0.000005	<0.05	<0.00005	0.000040	1.79	0.0010	0.149	0.460	0.00858	0.840	0.00234	0.0115	1.16
BR06-04	HC-38															
BR06-04	HC-38	0.00874	0.00105	<0.000005	<0.05	<0.00005	0.000037	1.78	0.0012	0.154	0.409	0.00937	1.00	0.00242	0.0082	1.26
BR06-04	HC-38															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42	0.00178	<0.00001	<0.000005	0.10	0.00055	<0.000005	2.27	0.0002	0.000165	0.00019	<0.00005	0.015	0.000030	0.0031	2.07
	HC-42	0.00365	<0.00001	<0.000005	0.07	0.00037	0.000006	9.26	<0.0001	0.000150	0.00014	<0.00005	0.003	0.000029	0.0044	6.87
	HC-42	0.00200	<0.00001	<0.000005	<0.05	0.00022	<0.000005	7.76	<0.0001	0.000155	0.00009	<0.00005	0.012	0.000013	0.0044	4.91
	HC-42	0.00207	<0.00001	<0.000005	<0.05	0.00012	<0.000005	6.72	<0.0001	0.000140	0.00011	<0.00005	0.002	0.00117	0.0026	3.73
	HC-42	0.00109	<0.00001	<0.000005	<0.05	0.00011	<0.000005	5.91	<0.0001	0.000143	0.00028	<0.00005	0.002	0.000013	0.0030	3.14
	HC-42	0.00125	<0.00001	<0.000005	<0.05	0.00011	<0.000005	6.94	0.0001	0.000210	0.00017	<0.00005	0.003	0.000009	0.0034	4.12
	HC-42	0.00097	<0.00001	<0.000005	<0.05	0.00009	<0.000005	5.29	0.0001	0.000226	0.00019	<0.00005	0.017	0.000022	0.0024	3.20
	HC-42	0.00098	<0.00001	<0.000005	<0.05	0.00007	<0.000005	5.03	<0.0001	0.000190	0.00021	<0.00005	0.002	0.000014	0.0018	2.91
	HC-42	0.00082	<0.00001	<0.000005	<0.05	0.00007	<0.000005	5.07	<0.0001	0.000207	0.00012	<0.00005	0.002	0.000015	0.0021	3.08
	HC-42	0.00069	<0.00001	<0.000005	<0.05	0.00006	<0.000005	4.52	<0.0001	0.000223	0.00017	<0.00005	0.001	0.000017	0.0020	2.84
	HC-42	0.00067	<0.00001	<0.000005	<0.05	0.00005	<0.000005	4.56	<0.0001	0.000243	0.00011	<0.00005	0.001	0.000069	0.0016	2.67
	HC-42	0.00056	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.77	<0.0001	0.000208	0.00015	<0.00005	<0.001	0.000030	0.0010	2.21
	HC-42	0.00055	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.79	0.0001	0.000245	0.00008	<0.00005	0.004	0.000018	0.0007	2.27
	HC-42	0.00057	<0.00001	0.000013	<0.05	<0.00005	<0.000005	3.93	<0.0001	0.000256	0.00020	<0.00005	0.002	0.000012	0.0017	2.35
	HC-42	0.00054	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.55	<0.0001	0.000263	0.00006	<0.00005	0.001	<0.000005	0.0013	2.08
	HC-42	0.00055	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.87	<0.0001	0.000285	0.00006	<0.00005	0.001	0.000006	0.0014	2.30
	HC-42	0.00050	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.58	<0.0001	0.000310	0.00081	<0.00005	<0.001	<0.000005	0.0013	2.20
	HC-42	0.00049	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.43	<0.0001	0.000286	0.00005	<0.00005	0.001	<0.000005	0.0012	2.13
	HC-42	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.14	<0.0001	0.000253	0.00008	<0.00005	0.008	0.000008	0.0012	1.92
	HC-42	0.00048	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.48	<0.0001	0.000292	0.00007	<0.00005	0.002	<0.000005	0.0010	2.14
	HC-42															
	HC-42	0.00043	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.15	<0.0001	0.000303	0.00006	<0.00005	0.002	<0.000005	0.0010	1.91
	HC-42															
	HC-42	0.00046	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.36	<0.0001	0.000282	0.00010	<0.00005	0.002	<0.000005	0.0010	1.98
	HC-42															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
BR06-04	HC-38	0.0337	<0.00001	0.005	<0.00005	0.180	0.55	0.00094	0.00049	3.2	<0.000005	0.13	0.00716	13	0.00009	0.000028
BR06-04	HC-38															
BR06-04	HC-38	0.0318	<0.00001	0.004	<0.00005	0.166	0.51	0.00088	0.00043	2.9	0.000013	0.13	0.00613	13	<0.00002	0.000031
BR06-04	HC-38															
BR06-04	HC-38	0.0348	<0.00001	0.002	<0.00005	0.183	0.49	0.00083	0.00052	3.3	0.000020	0.15	0.00608	13	<0.00002	0.000029
BR06-04	HC-38															
BR06-04	HC-38	0.0270	<0.00001	0.003	<0.00005	0.133	0.42	0.00067	0.00040	3.3	0.000013	0.13	0.00533	12	<0.00002	0.000024
BR06-04	HC-38															
BR06-04	HC-38	0.0328	<0.00001	0.002	<0.00005	0.162	0.44	0.00069	0.00043	3.4	0.000019	0.16	0.00593	14	<0.00002	0.000029
BR06-04	HC-38															
BR06-04	HC-38	0.0315	<0.00001	0.002	<0.00005	0.159	0.43	0.00067	0.00038	2.9	0.000018	0.18	0.00558	14	<0.00002	0.000029
BR06-04	HC-38															
BR06-04	HC-38	0.0310	<0.00001	<0.002	<0.00005	0.171	0.41	0.00068	0.00044	2.8	0.000010	0.19	0.00492	13	<0.00002	0.000029
BR06-04	HC-38															
BR06-04	HC-38	0.0307	0.00001	0.004	<0.00005	0.153	0.35	0.00070	0.00043	3.3	0.000014	0.19	0.00508	14	<0.00002	0.000032
BR06-04	HC-38															
BR06-04	HC-38	0.0318	<0.00001	<0.002	<0.00005	0.162	0.39	0.00078	0.00038	3.1	0.000021	0.20	0.00500	14	0.00003	0.000031
BR06-04	HC-38															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42	0.00077	<0.00001	0.008	0.0182	0.00104	23.9	0.0277	0.00144	0.9	<0.000005	24.0	0.0207	<10	<0.00002	0.000031
	HC-42	0.00274	<0.00001	0.012	0.0206	0.00075	18.9	0.0226	0.00134	2.0	<0.000005	7.86	0.0588	18	<0.00002	0.000037
	HC-42	0.00206	<0.00001	0.009	0.00853	0.00052	10.6	0.0123	0.00117	2.2	<0.000005	2.91	0.0350	<10	<0.00002	0.000024
	HC-42	0.00169	<0.00001	0.004	0.00603	0.00041	6.66	0.00800	0.00096	2.4	<0.000005	1.64	0.0260	<10	<0.00002	0.000016
	HC-42	0.00133	<0.00001	0.005	0.00532	0.00050	4.64	0.00592	0.00093	2.7	<0.000005	1.09	0.0211	<10	<0.00002	0.000010
	HC-42	0.00176	<0.00001	0.004	0.00650	0.00052	5.15	0.00664	0.00122	2.8	<0.000005	1.22	0.0236	<10	<0.00002	0.000015
	HC-42	0.00136	<0.00001	0.004	0.00550	0.00042	3.52	0.00441	0.00099	2.8	<0.000005	0.89	0.0180	<10	<0.00002	0.000010
	HC-42	0.00109	<0.00001	0.003	0.00527	0.00043	2.99	0.00387	0.00090	2.9	<0.000005	0.80	0.0162	<10	<0.00002	0.000010
	HC-42	0.00108	<0.00001	0.004	0.00494	0.00037	2.63	0.00365	0.00084	2.8	<0.000005	0.64	0.0161	<10	<0.00002	0.000010
	HC-42	0.00086	<0.00001	0.003	0.00484	0.00043	2.28	0.00298	0.00075	2.8	<0.000005	0.60	0.0145	<10	<0.00002	0.000007
	HC-42	0.00078	<0.00001	0.004	0.00505	0.00039	1.90	0.00238	0.00063	2.6	<0.000005	0.51	0.0126	<10	<0.00002	0.000009
	HC-42	0.00061	<0.00001	0.005	0.00379	0.00038	1.71	0.00229	0.00057	2.8	<0.000005	0.43	0.0114	<10	<0.00002	0.000006
	HC-42	0.00052	<0.00001	0.005	0.00411	0.00032	1.41	0.00186	0.00049	2.8	<0.000005	0.39	0.0108	<10	<0.00002	0.000004
	HC-42	0.00054	<0.00001	0.005	0.00435	0.00034	1.40	0.00184	0.00048	3.2	<0.000005	0.40	0.0108	<10	<0.00002	0.000006
	HC-42	0.00052	<0.00001	0.008	0.00411	0.00033	1.33	0.00178	0.00044	2.9	<0.000005	0.38	0.00997	<10	<0.00002	0.000004
	HC-42	0.00053	<0.00001	0.006	0.00413	0.00041	1.31	0.00169	0.00041	2.9	<0.000005	0.37	0.0104	<10	<0.00002	0.000005
	HC-42	0.00048	<0.00001	0.003	0.00428	0.00039	1.15	0.00160	0.00043	2.7	<0.000005	0.37	0.00988	<10	<0.00002	0.000005
	HC-42	0.00047	<0.00001	0.003	0.00385	0.00031	1.11	0.00159	0.00035	2.8	<0.000005	0.34	0.00951	<10	<0.00002	0.000004
	HC-42	0.00042	<0.00001	<0.002	0.00349	0.00028	0.95	0.00128	0.00036	3.5	<0.000005	0.30	0.00824	<10	<0.00002	0.000003
	HC-42	0.00045	<0.00001	<0.002	0.00384	0.00033	1.03	0.00134	0.00032	2.6	<0.000005	0.32	0.00919	<10	<0.00002	0.000005
	HC-42															
	HC-42	0.00052	<0.00001	0.006	0.00353	0.00036	0.87	0.00122	0.00027	2.8	<0.000005	0.29	0.00790	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00055	0.00001	0.008	0.00360	0.00040	0.84	0.00107	0.00031	3.0	<0.000005	0.29	0.00823	<10	<0.00002	0.000005
	HC-42															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
BR06-04	HC-38	0.000011	<0.0002	<0.0005	<0.00001	0.00194	<0.0002	0.0278	<0.0001	<0.002				0.769	0.594	12.8
BR06-04	HC-38															
BR06-04	HC-38	0.000017	<0.0002	<0.0005	<0.00001	0.00189	<0.0002	0.0229	<0.0001	0.003				0.741	0.606	10.0
BR06-04	HC-38															
BR06-04	HC-38	0.000022	<0.0002	<0.0005	<0.00001	0.00181	<0.0002	0.0262	<0.0001	<0.002				0.759	0.616	10.4
BR06-04	HC-38															
BR06-04	HC-38	<0.000005	<0.0002	<0.0005	<0.00001	0.00136	<0.0002	0.0190	<0.0001	<0.002				0.695	0.529	13.6
BR06-04	HC-38															
BR06-04	HC-38	0.000017	<0.0002	<0.0005	<0.00001	0.00153	<0.0002	0.0224	<0.0001	<0.002				0.691	0.603	6.80
BR06-04	HC-38															
BR06-04	HC-38	0.000016	<0.0002	<0.0005	<0.00001	0.00148	<0.0002	0.0219	<0.0001	<0.002				0.713	0.623	6.74
BR06-04	HC-38															
BR06-04	HC-38	0.000029	<0.0002	<0.0005	<0.00001	0.00154	<0.0002	0.0235	<0.0001	<0.002				0.791	0.602	13.6
BR06-04	HC-38															
BR06-04	HC-38	0.000054	<0.0002	<0.0005	<0.00001	0.00150	<0.0002	0.0220	<0.0001	<0.002				0.0610	0.633	-82.42
BR06-04	HC-38															
BR06-04	HC-38	0.000093	<0.0002	<0.0005	<0.00001	0.00153	<0.0002	0.0232	<0.0001	<0.002				0.896	0.653	15.7
BR06-04	HC-38															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42	0.000012	<0.0002	<0.0005	0.00123	0.000030	0.0007	0.0004	<0.0001	<0.002				1.92	2.06	-3.52
	HC-42	<0.000005	<0.0002	<0.0005	0.00076	0.000634	0.0011	0.0008	<0.0001	<0.002				2.02	1.88	3.59
	HC-42	<0.000005	<0.0002	<0.0005	0.00067	0.000407	0.0016	0.0012	<0.0001	<0.002				1.21	1.21	0.00
	HC-42	<0.000005	<0.0002	<0.0005	0.00064	0.000308	0.0019	0.0008	<0.0001	<0.002				0.951	0.899	2.81
	HC-42	<0.000005	<0.0002	<0.0005	0.00056	0.000301	0.0033	0.0012	<0.0001	<0.002				0.717	0.740	-1.58
	HC-42	<0.000005	<0.0002	<0.0005	0.00061	0.000485	0.0058	<0.0001	<0.0001	<0.002				0.710	0.895	-11.5
	HC-42	0.000011	<0.0002	0.0005	0.00045	0.000517	0.0055	<0.0001	<0.0001	<0.002				0.658	0.678	-1.50
	HC-42	<0.000005	<0.0002	<0.0005	0.00041	0.000514	0.0067	0.0030	<0.0001	<0.002				0.613	0.621	-0.650
	HC-42	<0.000005	<0.0002	<0.0005	0.00036	0.000556	0.0067	0.0007	<0.0001	<0.002				0.593	0.618	-2.06
	HC-42	<0.000005	<0.0002	<0.0005	0.00033	0.000565	0.0074	<0.0001	<0.0001	<0.002				0.527	0.561	-3.13
	HC-42	<0.000005	<0.0002	<0.0005	0.00030	0.000457	0.0073	0.0013	<0.0001	<0.002				0.502	0.532	-2.90
	HC-42	<0.000005	<0.0002	<0.0005	0.00023	0.000358	0.0077	0.0015	<0.0001	<0.002				0.396	0.451	-6.49
	HC-42	<0.000005	<0.0002	0.0006	0.00022	0.000421	0.0072	<0.0001	<0.0001	<0.002				0.410	0.452	-4.87
	HC-42	<0.000005	<0.0002	<0.0005	0.00021	0.000393	0.0064	0.0028	<0.0001	<0.002				0.408	0.461	-6.10
	HC-42	<0.000005	<0.0002	<0.0005	0.00020	0.000356	0.0067	<0.0001	<0.0001	<0.002				0.412	0.419	-0.840
	HC-42	<0.000005	<0.0002	<0.0005	0.00020	0.000341	0.0065	0.0001	<0.0001	<0.002				0.400	0.450	-5.88
	HC-42	<0.000005	<0.0002	<0.0005	0.00020	0.000264	0.0062	0.0006	<0.0001	<0.002				0.369	0.423	-6.82
	HC-42	<0.000005	<0.0002	<0.0005	0.00018	0.000224	0.0055	<0.0001	<0.0001	<0.002				0.370	0.404	-4.39
	HC-42	<0.000005	<0.0002	<0.0005	0.00016	0.000212	0.0052	<0.0001	<0.0001	<0.002				0.349	0.373	-3.32
	HC-42	<0.000005	<0.0002	<0.0005	0.00017	0.000232	0.0049	<0.0001	<0.0001	<0.002				0.382	0.407	-3.17
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00015	0.000167	0.0044	0.0006	<0.0001	<0.002				0.321	0.367	-6.69
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00015	0.000131	0.0040	0.0003	<0.0001	<0.002				0.352	0.377	-3.43
	HC-42															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		25	25-May-15	500	480	7.43	32
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		26	01-Jun-15	500	470	7.40	35
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		27	08-Jun-15	500	455	7.46	35
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		28	15-Jun-15	500	465	7.50	39
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		29	22-Jun-15	500	470	7.55	33
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		30	29-Jun-15	500	470	7.40	35
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		31	06-Jul-15	500	475	7.37	32
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		32	13-Jul-15	500	470	7.40	31
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		33	20-Jul-15	500	470	7.50	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		34	27-Jul-15	500	455	7.33	30
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		35	03-Aug-15	500	455	7.34	30
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		36	10-Aug-15	500	480	7.19	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		37	17-Aug-15	500	465	7.17	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		38	24-Aug-15	500	460	7.22	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		39	31-Aug-15	500	465	7.24	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		40	07-Sep-15	500	460	7.16	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		41	14-Sep-15	500	465	7.06	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		42	21-Sep-15	500	460	7.23	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		43	28-Sep-15	500	475	6.99	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		44	05-Oct-15	500	460	6.95	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		45	12-Oct-15	500	475	7.13	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		46	19-Oct-15	500	450	7.03	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		47	26-Oct-15	500	470	6.96	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		48	02-Nov-15	500	460	7.15	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		49	09-Nov-15	500	475	7.08	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		50	16-Nov-15	500	460	6.99	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		51	23-Nov-15	500	470	7.08	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		52	30-Nov-15	500	475	6.96	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		53	07-Dec-15	500	480	6.90	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		54	14-Dec-15	500	475	7.08	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		55	21-Dec-15	500	475	6.90	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		56	28-Dec-15	500	465	6.88	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		57	04-Jan-16	500	465	6.92	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		58	11-Jan-16	500	470	6.85	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		59	18-Jan-16	500	450	6.88	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		60	25-Jan-16	500	490	6.70	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		61	01-Feb-16	500	450	6.94	28
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		62	08-Feb-16	500	455	6.86	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		63	15-Feb-16	500	465	6.83	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		64	22-Feb-16	500	475	6.90	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		65	29-Feb-16	500	485	6.90	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		66	07-Mar-16	500	475	6.85	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		67	14-Mar-16	500	455	6.91	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		68	21-Mar-16	500	450	6.90	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		69	28-Mar-16	500	465	6.79	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		70	04-Apr-16	500	480	6.82	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		71	11-Apr-16	500	470	6.86	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		72	18-Apr-16	500	470	6.67	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		73	25-Apr-16	500	450	6.87	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		74	02-May-16	500	465	6.87	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		75	09-May-16	500	470	6.47	24

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42	130	5.5	<0.5	<0.5	7.5	<0.05		<0.5					13.6	0.0990	0.00011	0.269
	HC-42	115															
	HC-42	130	6.9	<0.5	<0.5	7.9	<0.05		<0.5					14.8	0.0856	0.00011	0.213
	HC-42	145															
	HC-42	125	7.1	<0.5	<0.5	6.9	<0.05		<0.5					13.5	0.101	0.00009	0.181
	HC-42	130															
	HC-42	110	6.6	<0.5	<0.5	6.2	<0.05		<0.5					12.6	0.0815	0.00010	0.189
	HC-42	115															
	HC-42	120	6.2	<0.5	<0.5	6.5	<0.05		<0.5					12.2	0.0697	0.00010	0.178
	HC-42	105															
	HC-42	110	7.7	<0.5	<0.5	4.7	<0.05		0.7					12.9	0.0534	0.00010	0.140
	HC-42	120															
	HC-42	130	7.0	<0.5	0.6	3.9	<0.05		<0.5					11.7	0.0502	0.00009	0.131
	HC-42	130															
	HC-42	120	6.6	<0.5	<0.5	4.1	<0.05		0.6					10.8	0.0394	0.00008	0.115
	HC-42	135															
	HC-42	140	6.2	<0.5	<0.5	4.8	<0.05		<0.5					9.5	0.0314	0.00008	0.113
	HC-42	130															
	HC-42	135	5.9	<0.5	<0.5	4.0	<0.05		4.5					10.1	0.0280	0.00008	0.0931
	HC-42	140															
	HC-42	130	6.8	<0.5	<0.5	3.8	<0.05		<0.5					10.6	0.0273	0.00008	0.0899
	HC-42	125															
	HC-42	140	6.6	<0.5	0.5	3.2	<0.05		<0.5					9.7	0.0226	0.00008	0.0838
	HC-42	130															
	HC-42	125	6.5	<0.5	<0.5	3.3	<0.05		<0.5					9.6	0.0216	0.00008	0.0795
	HC-42	120															
	HC-42	130	6.9	<0.5	<0.5	3.8	<0.05		<0.5					10.3	0.0162	0.00008	0.0678
	HC-42	140															
	HC-42	140	5.8	<0.5	<0.5	3.2	<0.05		<0.5					9.2	0.0141	0.00007	0.0562
	HC-42	110															
	HC-42	130	7.0	<0.5	<0.5	3.7	<0.05		<0.5					10.3	0.0118	0.00008	0.0582
	HC-42	135															
	HC-42	130	6.7	<0.5	<0.5	2.6	<0.05		<0.5					9.1	0.0116	0.00007	0.0458
	HC-42	135															
	HC-42	130	7.0	<0.5	<0.5	3.9	<0.05		<0.5					10.4	0.0102	0.00006	0.0432
	HC-42	140															
	HC-42	150	6.8	<0.5	<0.5	3.8	<0.05		<0.5					11.1	0.0079	0.00006	0.0354
	HC-42	130															
	HC-42	130	5.4	<0.5	<0.5	2.0	<0.05		<0.5					7.8	0.0076	0.00005	0.0250
	HC-42	130															
	HC-42	130	7.0	<0.5	<0.5	1.8	<0.05		<0.5					8.9	0.0074	0.00006	0.0323
	HC-42	120															
	HC-42	125	5.5	<0.5	<0.5	3.2	<0.05		<0.5					8.4	0.0052	0.00005	0.0247
	HC-42	145															
	HC-42	155	5.9	<0.5	<0.5	3.5	<0.05		<0.5					8.2	0.0049	0.00005	0.0237
	HC-42	150															
	HC-42	150	6.2	<0.5	<0.5	2.6	<0.05		<0.5					8.8	0.0049	0.00006	0.0223
	HC-42	145															
	HC-42	155	7.2	<0.5	<0.5	2.7	<0.05		<0.5					10.0	0.0048	0.00005	0.0221
	HC-42	120															
	HC-42	150	6.7	<0.5	<0.5	2.9	<0.05		<0.5					9.2	0.0044	0.00005	0.0204

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42	0.00040	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.78	<0.0001	0.000252	<0.00005	<0.00005	0.003	<0.000005	0.0010	1.62
	HC-42															
	HC-42	0.00041	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	3.00	<0.0001	0.000321	0.00009	<0.00005	0.004	0.000017	<0.0005	1.79
	HC-42															
	HC-42	0.00036	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.59	<0.0001	0.000337	0.00008	<0.00005	0.002	0.000017	0.0009	1.70
	HC-42															
	HC-42	0.00036	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.50	<0.0001	0.000343	0.00008	<0.00005	0.002	<0.000005	0.0007	1.55
	HC-42															
	HC-42	0.00035	<0.00001	<0.000005	<0.05	<0.00005	0.000011	2.34	<0.0001	0.000344	0.00022	<0.00005	0.002	<0.000005	0.0007	1.55
	HC-42															
	HC-42	0.00037	<0.00001	<0.000005	<0.05	<0.00005	0.000005	2.48	<0.0001	0.000398	0.00006	<0.00005	<0.001	<0.000005	0.0006	1.64
	HC-42															
	HC-42	0.00034	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.25	<0.0001	0.000393	0.00008	<0.00005	<0.001	<0.000005	0.0009	1.48
	HC-42															
	HC-42	0.00033	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	2.01	<0.0001	0.000407	0.00010	<0.00005	<0.001	0.000006	<0.0005	1.40
	HC-42															
	HC-42	0.00030	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.73	<0.0001	0.000398	<0.00005	<0.00005	<0.001	<0.000005	0.0007	1.25
	HC-42															
	HC-42	0.00058	<0.00001	<0.000005	<0.05	0.00008	<0.000005	1.89	<0.0001	0.000421	0.00007	<0.00005	<0.001	<0.000005	0.0008	1.30
	HC-42															
	HC-42	0.00129	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.91	<0.0001	0.000522	0.00009	<0.00005	<0.001	0.000016	0.0016	1.42
	HC-42															
	HC-42	0.00038	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.72	<0.0001	0.000546	0.00009	<0.00005	<0.001	0.000006	0.0011	1.31
	HC-42															
	HC-42	0.00049	<0.00001	<0.000005	<0.05	<0.00005	0.000032	1.66	<0.0001	0.000520	<0.00005	<0.00005	<0.001	<0.000005	0.0007	1.32
	HC-42															
	HC-42	0.00037	<0.00001	0.000007	<0.05	<0.00005	<0.000005	1.76	<0.0001	0.000595	<0.00005	<0.00005	0.004	0.000024	0.0009	1.42
	HC-42															
	HC-42	0.00029	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.59	<0.0001	0.000575	<0.00005	<0.00005	0.003	0.000007	0.0008	1.28
	HC-42															
	HC-42	0.00036	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.77	<0.0001	0.000645	0.00014	<0.00005	0.003	<0.000005	0.0007	1.43
	HC-42															
	HC-42	0.00053	<0.00001	<0.000005	<0.05	<0.00005	0.000017	1.52	<0.0001	0.000769	0.00013	<0.00005	<0.001	0.000026	0.0005	1.29
	HC-42															
	HC-42	0.00038	<0.00001	<0.000005	<0.05	<0.00005	0.000006	1.69	<0.0001	0.000767	0.00015	<0.00005	<0.001	0.000005	0.0008	1.50
	HC-42															
	HC-42	0.00051	<0.00001	<0.000005	<0.05	<0.00005	0.000007	1.73	<0.0001	0.000910	<0.00005	<0.00005	<0.001	<0.000005	0.0008	1.65
	HC-42															
	HC-42	0.00047	<0.00001	<0.000005	<0.05	<0.00005	0.000006	1.21	<0.0001	0.000897	0.00012	<0.00005	0.002	0.000007	<0.0005	1.16
	HC-42															
	HC-42	0.00044	<0.00001	<0.000005	<0.05	<0.00005	0.000012	1.43	<0.0001	0.000878	0.00014	<0.00005	0.001	0.000007	0.0008	1.30
	HC-42															
	HC-42	0.00092	<0.00001	<0.000005	<0.05	<0.00005	0.000010	1.21	<0.0001	0.00101	0.00009	<0.00005	<0.001	<0.000005	0.0009	1.29
	HC-42															
	HC-42	0.00047	<0.00001	<0.000005	<0.05	<0.00005	<0.000005	1.21	<0.0001	0.000870	0.00020	<0.00005	0.001	<0.000005	<0.0005	1.26
	HC-42															
	HC-42	0.00058	<0.00001	<0.000005	<0.05	<0.00005	0.000006	1.26	<0.0001	0.000955	0.00012	<0.00005	0.001	<0.000005	0.0005	1.36
	HC-42															
	HC-42	0.00053	<0.00001	<0.000005	<0.05	<0.00005	0.000007	1.40	<0.0001	0.00113	0.00017	<0.00005	0.003	0.000005	0.0007	1.57
	HC-42															
	HC-42	0.00051	<0.00001	<0.000005	<0.05	<0.00005	0.000005	1.25	<0.0001	0.00115	0.00006	<0.00005	0.004	<0.000005	0.0009	1.47

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42	0.00041	<0.00001	<0.002	0.00285	0.00063	0.67	0.00102	0.00027	2.6	<0.000005	0.25	0.00716	<10	<0.00002	0.000005
	HC-42															
	HC-42	0.00058	<0.00001	<0.002	0.00322	0.00034	0.65	0.00092	0.00026	2.5	<0.000005	0.25	0.00717	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00063	<0.00001	0.003	0.00292	0.00043	0.56	0.00091	0.00026	2.3	<0.000005	0.24	0.00687	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00065	<0.00001	0.007	0.00293	0.00032	0.59	0.00084	0.00023	2.6	<0.000005	0.25	0.00680	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00067	<0.00001	0.005	0.00253	0.00039	0.56	0.00085	0.00021	2.5	<0.000005	0.24	0.00622	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00085	<0.00001	0.004	0.00296	0.00050	0.53	0.00082	0.00020	2.5	<0.000005	0.24	0.00654	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00092	<0.00001	0.005	0.00267	0.00048	0.49	0.00074	0.00021	2.4	<0.000005	0.24	0.00609	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00103	<0.00001	0.005	0.00214	0.00057	0.44	0.00061	0.00018	2.5	<0.000005	0.23	0.00516	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00114	<0.00001	0.010	0.00186	0.00053	0.40	0.00060	0.00017	2.6	<0.000005	0.21	0.00503	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00136	<0.00001	0.009	0.00185	0.00057	0.46	0.00080	0.00016	2.6	<0.000005	0.22	0.00615	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00176	<0.00001	0.005	0.00208	0.00077	0.42	0.00060	0.00019	2.7	<0.000005	0.22	0.00563	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00196	<0.00001	0.002	0.00175	0.00088	0.41	0.00055	0.00020	2.7	<0.000005	0.24	0.00515	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00212	<0.00001	0.003	0.00168	0.00078	0.38	0.00056	0.00018	2.8	<0.000005	0.23	0.00530	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00269	<0.00001	0.011	0.00158	0.00099	0.40	0.00062	0.00017	2.5	<0.000005	0.22	0.00584	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00268	<0.00001	0.004	0.00148	0.00110	0.35	0.00051	0.00014	2.5	<0.000005	0.20	0.00497	<10	<0.00002	0.000002
	HC-42															
	HC-42	0.00302	<0.00001	0.007	0.00158	0.00124	0.36	0.00053	0.00018	2.7	<0.000005	0.24	0.00642	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00411	<0.00001	0.002	0.00124	0.00152	0.32	0.00048	0.00015	2.5	<0.000005	0.25	0.00526	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00364	<0.00001	0.002	0.00139	0.00161	0.34	0.00054	0.00017	2.6	<0.000005	0.22	0.00576	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00489	<0.00001	0.005	0.00132	0.00197	0.31	0.00048	0.00015	2.6	<0.000005	0.22	0.00586	<10	<0.00002	0.000002
	HC-42															
	HC-42	0.00430	<0.00001	0.004	0.00092	0.00213	0.23	0.00036	0.00012	1.8	<0.000005	0.16	0.00458	<10	<0.00002	0.000002
	HC-42															
	HC-42	0.00462	<0.00001	<0.002	0.00103	0.00204	0.29	0.00041	0.00015	2.6	<0.000005	0.19	0.00514	<10	<0.00002	0.000002
	HC-42															
	HC-42	0.00410	<0.00001	<0.002	0.00089	0.00260	0.26	0.00045	0.00010	1.9	<0.000005	0.18	0.00445	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00394	<0.00001	<0.002	0.00100	0.00212	0.25	0.00042	0.00012	2.1	<0.000005	0.19	0.00482	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00452	<0.00001	<0.002	0.00103	0.00257	0.26	0.00047	0.00014	2.2	<0.000005	0.20	0.00505	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00544	<0.00001	<0.002	0.00114	0.00286	0.29	0.00054	0.00014	2.6	<0.000005	0.22	0.00580	<10	<0.00002	0.000002
	HC-42															
	HC-42	0.00586	<0.00001	<0.002	0.00105	0.00287	0.29	0.00052	0.00013	2.5	<0.000005	0.22	0.00543	<10	<0.00002	0.000003

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42	<0.000005	<0.0002	<0.0005	0.00014	0.000078	0.0036	0.0009	<0.0001	<0.002				0.265	0.312	-8.15
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00013	0.000084	0.0029	0.0005	<0.0001	<0.002				0.301	0.334	-5.20
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00013	0.000069	0.0026	0.0004	<0.0001	<0.002				0.286	0.306	-3.38
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00013	0.000057	0.0026	0.0025	<0.0001	<0.002				0.260	0.287	-4.94
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00014	0.000047	0.0025	0.0008	<0.0001	<0.002				0.259	0.277	-3.36
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00015	0.000037	0.0020	0.0005	<0.0001	<0.002				0.272	0.288	-2.86
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00015	0.000033	0.0019	0.0002	<0.0001	<0.002				0.224	0.263	-8.01
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00013	0.000025	0.0017	0.0004	<0.0001	<0.002				0.236	0.241	-1.05
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00015	0.000016	0.0026	0.0009	<0.0001	<0.002				0.224	0.212	2.75
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00013	0.000019	0.0034	0.0003	<0.0001	<0.002				0.330	0.225	18.9
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00013	0.000013	0.0028	0.0015	<0.0001	<0.002				0.218	0.236	-3.96
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00014	0.000013	0.0033	0.0014	<0.0001	<0.002				0.201	0.217	-3.83
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00014	0.000010	0.0006	0.0033	<0.0001	<0.002				0.201	0.214	-3.13
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00014	0.000029	0.0019	0.0011	<0.0001	<0.002				0.219	0.227	-1.79
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00012	0.000013	0.0013	0.0009	<0.0001	<0.002				0.185	0.204	-4.88
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00012	0.000014	0.0007	0.0006	<0.0001	<0.002				0.221	0.227	-1.34
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00010	0.000018	0.0010	0.0020	<0.0001	<0.002				0.191	0.203	-3.05
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00010	0.000012	0.0011	0.0003	<0.0001	<0.002				0.223	0.228	-1.11
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00009	0.000015	0.0008	0.0003	<0.0001	<0.002				0.218	0.241	-5.01
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00006	0.000015	0.0007	0.0009	<0.0001	<0.002				0.152	0.260	-26.2
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00008	0.000012	0.0010	0.0009	<0.0001	<0.002				0.182	0.196	-3.70
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00006	0.000006	0.0004	0.0008	<0.0001	<0.002				0.177	0.182	-1.39
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00007	0.000006	0.0007	0.0006	<0.0001	<0.002				0.193	0.179	3.76
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00006	0.000007	0.0007	0.0006	<0.0001	0.003				0.181	0.191	-2.69
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00005	0.000008	0.0005	0.0006	<0.0001	<0.002				0.203	0.217	-3.33
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00005	0.000007	0.0007	0.0006	<0.0001	<0.002				0.197	0.202	-1.25

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		76	16-May-16	500	465	6.73	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		77	23-May-16	500	460	6.79	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		78	30-May-16	500	460	6.50	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		79	06-Jun-16	500	465	6.53	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		80	13-Jun-16	500	475	6.40	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		81	20-Jun-16	500	450	6.59	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		82	27-Jun-16	500	495	6.60	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		83	04-Jul-16	500	460	6.62	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		84	11-Jul-16	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		85	18-Jul-16	500	485	6.34	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		86	25-Jul-16	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		87	01-Aug-16	500	485	6.60	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		88	08-Aug-16	500	455		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		89	15-Aug-16	500	490	6.49	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		90	22-Aug-16	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		91	29-Aug-16	500	465	6.53	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		92	05-Sep-16	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		93	12-Sep-16	500	470	6.47	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		94	19-Sep-16	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		95	26-Sep-16	500	470	6.58	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		96	03-Oct-16	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		97	10-Oct-16	500	450	6.31	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		98	17-Oct-16	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		99	24-Oct-16	500	480	6.52	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		100	31-Oct-16	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		101	07-Nov-16	500	480	6.46	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		102	14-Nov-16	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		103	21-Nov-16	500	465	6.48	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		104	29-Nov-16	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		105	05-Dec-16	500	480	6.37	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		106	12-Dec-16	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		107	19-Dec-16	500	475	6.83	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		108	26-Dec-16	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		109	02-Jan-17	500	465	6.58	31
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		110	10-Jan-17	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		111	16-Jan-17	500	460	6.53	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		112	23-Jan-17	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		113	30-Jan-17	500	465	6.52	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		114	06-Feb-17	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		115	13-Feb-17	500	460	6.32	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		116	20-Feb-17	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		117	27-Feb-17	500	465	6.35	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		118	06-Mar-17	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		119	13-Mar-17	500	490	6.40	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		120	20-Mar-17	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		121	27-Mar-17	500	460	6.45	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		122	03-Apr-17	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		123	10-Apr-17	500	460	6.06	14
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		124	17-Apr-17	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		125	24-Apr-17	500	480	5.78	12
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		126	01-May-17	500	475		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42	160															
	HC-42	145	8.4	<0.5	<0.5	2.8	<0.05		<0.5					10.6	0.0031	0.00005	0.0193
	HC-42	145															
	HC-42	165	7.3	<0.5	0.7	2.4	<0.05		0.8					9.4	0.0031	0.00005	0.0173
	HC-42	170															
	HC-42	170	7.8	<0.5	<0.5	1.9	<0.05		<0.5					10.2	0.0031	0.00004	0.0138
	HC-42	150															
	HC-42	160	6.5	<0.5	0.5	1.3	<0.05		<0.5					8.4	0.0027	0.00004	0.0115
	HC-42	160															
	HC-42	160	8.0	<0.5	<0.5	1.6	<0.05		<0.5					9.9	0.0020	0.00004	0.0116
	HC-42	170															
	HC-42	170	5.9	<0.5	<0.5	1.9	<0.05		0.6					7.8	0.0021	0.00004	0.0112
	HC-42	170															
	HC-42	180	6.7	<0.5	<0.5	1.3	<0.05		0.8					8.1	0.0029	0.00003	0.00959
	HC-42	190															
	HC-42	190	7.1	<0.5	<0.5	1.3	<0.05		<0.5					8.0	0.0131	0.00003	0.0088
	HC-42	190															
	HC-42	195	6.5	<0.5	<0.5	1.6	<0.05		<0.5					7.9	0.0014	0.00006	0.00863
	HC-42	160															
	HC-42	170	7.0	<0.5	<0.5	1.4	<0.05		<0.5					7.8	0.0020	0.00003	0.0071
	HC-42	175															
	HC-42	230	6.0	<0.5	<0.5	0.8	<0.05		<0.5					6.8	0.0014	0.00002	0.00592
	HC-42	240															
	HC-42	240	6.8	<0.5	0.7	1.3	<0.05		<0.5					7.8	0.0012	0.00002	0.00583
	HC-42	230															
	HC-42	240	6.6	<0.5	<0.5	0.7	<0.05		0.8					7.0	0.0014	0.00004	0.00565
	HC-42	240															
	HC-42	310	4.9	<0.5	<0.5	<0.5	<0.05		<0.5					5.0	0.0015	<0.00002	0.00444
	HC-42	200															
	HC-42																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42															
	HC-42	0.00064	<0.00001	<0.000005	<0.05	<0.00005	0.000010	1.49	<0.0001	0.00138	<0.00005	<0.00005	<0.001	0.000127	0.0010	1.67
	HC-42															
	HC-42	0.00033	<0.00001	<0.000005	<0.05	<0.00005	0.000017	1.29	<0.0001	0.00130	0.00020	<0.00005	<0.001	0.000006	0.0007	1.49
	HC-42															
	HC-42	0.00039	<0.00001	<0.000005	<0.05	<0.00005	0.000010	1.37	<0.0001	0.00166	0.00005	<0.00005	0.001	0.000011	0.0007	1.63
	HC-42															
	HC-42	0.00033	<0.00001	<0.000005	<0.05	<0.00005	0.000013	1.15	<0.0001	0.00176	0.00010	<0.00005	<0.001	0.000006	0.0006	1.34
	HC-42															
	HC-42															
	HC-42	0.00038	<0.00001	<0.000005	<0.05	<0.00005	0.000013	1.26	<0.0001	0.00186	0.00007	<0.00005	<0.001	0.000011	0.0008	1.63
	HC-42															
	HC-42															
	HC-42	0.00032	<0.00001	<0.000005	<0.05	<0.00005	0.000009	1.06	<0.0001	0.00182	0.00012	<0.00005	<0.001	<0.000005	0.0009	1.25
	HC-42															
	HC-42															
	HC-42	0.00036	<0.00001	<0.000005	<0.05	<0.00005	0.000012	1.04	<0.0001	0.00206	0.00104	<0.00005	0.003	<0.000005	0.0008	1.33
	HC-42															
	HC-42															
	HC-42	0.00132	<0.00001	<0.000005	<0.05	<0.00005	0.000023	0.98	<0.0001	0.00191	0.00092	<0.00005	0.002	0.000036	0.0008	1.36
	HC-42															
	HC-42															
	HC-42	0.00049	<0.00001	<0.000005	<0.05	<0.00005	0.000016	1.01	<0.0001	0.00252	0.00015	<0.00005	<0.001	0.000008	0.0007	1.30
	HC-42															
	HC-42															
	HC-42	0.00042	<0.00001	<0.000005	<0.05	<0.00005	0.000025	1.02	<0.0001	0.00339	0.00014	<0.00005	<0.001	0.000006	0.0011	1.28
	HC-42															
	HC-42															
	HC-42	0.00035	0.00001	<0.000005	<0.05	<0.00005	0.000025	0.84	<0.0001	0.00378	0.00015	<0.00005	0.002	<0.000005	0.0009	1.15
	HC-42															
	HC-42															
	HC-42	0.00044	0.00001	<0.000005	<0.05	<0.00005	0.000032	0.98	<0.0001	0.00591	0.00017	<0.00005	0.001	0.000031	0.0010	1.30
	HC-42															
	HC-42															
	HC-42	0.00043	<0.00001	<0.000005	<0.05	<0.00005	0.000035	0.90	<0.0001	0.00576	0.00017	<0.00005	0.002	0.000006	0.0011	1.14
	HC-42															
	HC-42															
	HC-42	0.00040	<0.00001	<0.000005	<0.05	<0.00005	0.000038	0.68	<0.0001	0.00600	0.00044	0.00005	0.002	0.000019	0.0009	0.81
	HC-42															
	HC-42															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42															
	HC-42	0.00742	<0.00001	<0.002	0.00104	0.00378	0.27	0.00050	0.00014	2.8	<0.000005	0.22	0.00719	<10	<0.00002	0.000004
	HC-42															
	HC-42	0.00638	<0.00001	<0.002	0.00092	0.00395	0.26	0.00050	0.00011	2.5	<0.000005	0.21	0.00564	<10	<0.00002	0.000003
	HC-42															
	HC-42	0.00839	<0.00001	<0.002	0.00086	0.00478	0.25	0.00044	0.00014	2.0	<0.000005	0.20	0.00663	<10	<0.00002	0.000002
	HC-42															
	HC-42	0.00845	<0.00001	0.004	0.00075	0.00489	0.21	0.00030	0.00012	1.9	<0.000005	0.17	0.00510	<10	<0.00002	0.000004
	HC-42															
	HC-42															
	HC-42	0.00911	<0.00001	0.009	0.00074	0.00579	0.23	0.00046	0.00014	2.2	<0.000005	0.21	0.00583	<10	<0.00002	0.000005
	HC-42															
	HC-42															
	HC-42	0.00904	<0.00001	0.008	0.00054	0.00543	0.21	0.00053	0.00012	2.0	<0.000005	0.18	0.00570	<10	<0.00002	<0.000002
	HC-42															
	HC-42															
	HC-42	0.0105	<0.00001	0.003	0.00049	0.00617	0.22	0.00040	0.00013	2.0	<0.000005	0.20	0.00563	<10	<0.00002	0.000003
	HC-42															
	HC-42															
	HC-42	0.0108	<0.00001	0.004	0.00046	0.00660	0.22	0.00059	0.00013	2.2	<0.000005	0.21	0.00588	<10	<0.00002	0.000004
	HC-42															
	HC-42															
	HC-42	0.0133	<0.00001	<0.002	0.00035	0.00748	0.26	0.00078	0.00012	1.7	<0.000005	0.21	0.00700	<10	<0.00002	0.000005
	HC-42															
	HC-42															
	HC-42	0.0167	<0.00001	0.004	0.00033	0.01070	0.21	0.00060	0.00015	2.0	<0.000005	0.22	0.00718	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0163	<0.00001	0.006	0.00023	0.01160	0.19	0.00038	0.00010	1.7	<0.000005	0.20	0.00577	<10	<0.00002	0.000005
	HC-42															
	HC-42															
	HC-42	0.0233	<0.00001	0.003	0.00021	0.0159	0.19	0.00050	0.00014	2.0	<0.000005	0.22	0.00799	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0260	<0.00001	0.003	0.00021	0.0155	0.19	0.00042	0.00015	2.1	<0.000005	0.22	0.00743	<10	<0.00002	0.000005
	HC-42															
	HC-42															
	HC-42	0.0255	<0.00001	<0.002	0.00010	0.0144	0.13	0.00028	0.00010	1.1	<0.000005	0.14	0.00603	<10	<0.00002	0.000004
	HC-42															
	HC-42															
	HC-42															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00004	0.000005	0.0005	0.0004	<0.0001	<0.002				0.231	0.229	0.43
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00004	0.000005	0.0004	0.0016	<0.0001	<0.002				0.223	0.203	4.69
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00002	0.000005	0.0002	0.0006	<0.0001	<0.002				0.201	0.219	-4.29
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00002	0.000009	0.0003	0.0012	<0.0001	<0.002				0.161	0.181	-5.85
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00002	0.000004	0.0002	0.0012	<0.0001	<0.002				0.198	0.213	-3.65
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00002	0.000005	0.0002	0.0007	<0.0001	<0.002				0.18	0.17	2.30
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0004	<0.0001	<0.002				0.19	0.18	2.48
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000012	<0.0002	0.0033	<0.0001	<0.002				0.17	0.18	-1.42
	HC-42															
	HC-42															
	HC-42	<0.000005	0.0007	<0.0005	0.00001	0.000004	<0.0002	0.0011	<0.0001	<0.002				0.17	0.18	-2.34
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0016	<0.0001	<0.002				0.17	0.17	0.58
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0009	<0.0001	<0.002				0.14	0.15	-3.07
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000003	<0.0002	0.0019	<0.0001	<0.002				0.17	0.17	-1.78
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000002	<0.0002	0.0011	<0.0001	<0.002				0.17	0.16	5.49
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000004	<0.0002	0.0013	<0.0001	<0.002				0.10	0.11	-4.67
	HC-42															
	HC-42															
	HC-42															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		127	08-May-17	500	470	6.02	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		128	15-May-17	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		129	22-May-17	500	490	6.35	35
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		130	29-May-17	500	490		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		131	05-Jun-17	500	445	5.96	11
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		132	12-Jun-17	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		133	19-Jun-17	500	485	6.25	32
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		134	26-Jun-17	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		135	03-Jul-17	500	460	6.04	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		136	10-Jul-17	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		137	17-Jul-17	500	465	6.09	21
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		138	24-Jul-17	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		139	31-Jul-17	500	460	5.88	16
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		140	7-Aug-17	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		141	14-Aug-17	500	475	6.22	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		142	21-Aug-17	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		143	28-Aug-17	500	470	5.95	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		144	4-Sep-17	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		145	11-Sep-17	500	465	6.07	17.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		146	18-Sep-17	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		147	25-Sep-17	500	460	5.88	19.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		148	02-Oct-17	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		149	09-Oct-17	500	485	5.65	18.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		150	16-Oct-17	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		151	23-Oct-17	500	475	5.61	19.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		152	30-Oct-17	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		153	06-Nov-17	500	450	5.85	20.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		154	13-Nov-17	500	455		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		155	20-Nov-17	500	470	5.97	20.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		156	27-Nov-17	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		157	04-Dec-17	500	460	5.76	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		158	11-Dec-17	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		159	18-Dec-17	500	455	5.60	20.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		160	25-Dec-17	500	455		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		161	01-Jan-18	500	470	5.84	19.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		162	08-Jan-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		163	15-Jan-18	500	470	5.85	19.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		164	22-Jan-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		165	29-Jan-18	500	455	5.68	19.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		166	05-Feb-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		167	12-Feb-18	500	470	5.43	12.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		168	19-Feb-18	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		169	26-Feb-18	500	470	5.68	22.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		170	05-Mar-18	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		171	12-Mar-18	500	475	5.64	15.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		172	19-Mar-18	500	450		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		173	26-Mar-18	500	480	5.58	15
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		174	02-Apr-18	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		175	09-Apr-18	500	475	5.36	12
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		176	16-Apr-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		177	23-Apr-18	500	475	5.86	20

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42	200	8.4	<0.5	<0.5	0.6	<0.05		0.7					8.6	0.0027	0.00003	0.00378
	HC-42																
	HC-42	220															
	HC-42																
	HC-42	190	3.4	<0.5	<0.5	<0.5	<0.05		<0.5					3.3	0.0017	<0.00002	0.00278
	HC-42	200															
	HC-42	220	7.6	<0.5	0.6	0.9	<0.05		<0.5					7.9	0.0016	0.00003	0.00530
	HC-42	230															
	HC-42	230	5.2	<0.5	0.6	0.8	<0.05		<0.5					5.1	0.0044	<0.00002	0.00427
	HC-42	240															
	HC-42	240	5	<0.5	0.8	0.8	<0.05		<0.5					6.3	0.0011	0.00002	0.00521
	HC-42	250															
	HC-42	255	6.4	<0.5	0.6	0.8	<0.05		<0.5					6.0	0.0053	0.00005	0.00481
	HC-42	255															
	HC-42	260	6.5	<0.5	0.6	0.9	<0.05		0.6					6.1	0.0051	<0.00002	0.00395
	HC-42	270															
	HC-42	250	6.9	<0.5	<0.5	1.0	<0.05		<0.5					6.4	0.0059	0.00004	0.00443
	HC-42	270															
	HC-42	280	5.3	<0.5	0.9	1.4	<0.05		0.6					5.4	0.0082	<0.00002	0.00346
	HC-42	280															
	HC-42	280	5.5	<0.5	<0.5	0.6	<0.05		<0.5					5.0	0.0043	<0.00002	0.00413
	HC-42	285															
	HC-42	260	3.8	<0.5	<0.5	0.5	<0.05		<0.5					3.2	0.0082	<0.00002	0.00246
	HC-42	265															
	HC-42	280	5.7	<0.5	1.0	<0.5	<0.05		<0.5					4.2	0.0140	<0.00002	0.00296
	HC-42	280															
	HC-42	290	3.2	<0.5	<0.5	<0.5	<0.05		<0.5					3.1	0.0145	<0.00002	0.0022
	HC-42	270															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42	0.00089	0.00002	<0.000005	<0.05	<0.00005	0.000078	1.12	<0.0001	0.0130	0.00061	0.00023	0.001	0.000046	0.0012	1.40
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.00058	0.00003	<0.000005	<0.05	<0.00005	0.000045	0.43	<0.0001	0.00847	0.00081	0.00008	0.001	0.000036	0.0011	0.53
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.00074	0.00002	<0.000005	<0.05	<0.00005	0.000080	1.05	<0.0001	0.0116	0.00033	0.00008	<0.001	0.000026	0.0013	1.29
	HC-42															
	HC-42															
	HC-42	0.00073	0.00004	<0.000005	<0.05	<0.00005	0.000083	0.71	<0.0001	0.017	0.00111	0.00016	<0.001	0.000066	0.0013	0.82
	HC-42															
	HC-42															
	HC-42	0.00325	0.00002	<0.000005	<0.05	<0.00005	0.000094	0.88	<0.0001	0.0126	0.00042	<0.00005	0.001	0.000061	0.0015	1
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.00087	0.00003	<0.000005	<0.05	<0.00005	0.000103	0.86	<0.0001	0.0177	0.00082	0.00014	0.002	0.000019	0.0016	0.92
	HC-42															
	HC-42															
	HC-42	0.00099	0.00004	<0.000005	<0.05	<0.00005	0.000116	0.92	<0.0001	0.0226	0.00130	0.00036	<0.001	0.000023	0.0014	0.94
	HC-42															
	HC-42															
	HC-42	0.00093	0.00003	<0.000005	<0.05	<0.00005	0.000133	0.99	<0.0001	0.0246	0.00080	0.00034	0.005	0.000019	0.0016	0.96
	HC-42															
	HC-42															
	HC-42	0.00159	0.00008	<0.000005	<0.05	<0.00005	0.000175	0.89	<0.0001	0.0422	0.00217	0.00070	0.001	0.000037	0.0020	0.78
	HC-42															
	HC-42															
	HC-42	0.00118	0.00005	<0.000005	<0.05	<0.00005	0.000161	0.84	<0.0001	0.0477	0.00146	0.00031	0.001	0.000033	0.0022	0.71
	HC-42															
	HC-42															
	HC-42	0.00099	0.00006	<0.000005	<0.05	<0.00005	0.000111	0.55	<0.0001	0.0364	0.00248	0.00075	0.003	0.000041	0.0020	0.43
	HC-42															
	HC-42															
	HC-42	0.00156	0.00007	<0.000005	<0.05	<0.00005	0.000177	0.69	<0.0001	0.0539	0.00310	0.00098	0.002	0.000063	0.0022	0.59
	HC-42															
	HC-42															
	HC-42	0.00127	0.00007	<0.000005	<0.05	<0.00005	0.000167	0.54	<0.0001	0.0519	0.00348	0.00088	0.005	0.000068	0.0023	0.42
	HC-42															
	HC-42															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42	0.0513	<0.00001	<0.002	0.00007	0.0291	0.19	0.00044	0.00014	1.4	<0.000005	0.26	0.0110	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.0249	<0.00001	<0.002	<0.00005	0.0158	0.12	0.00031	0.00007	0.6	<0.000005	0.12	0.00491	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42	0.0556	<0.00001	0.005	0.00010	0.0287	0.22	0.00049	0.00016	2.3	<0.000005	0.30	0.0112	<10	<0.00002	0.000013
	HC-42															
	HC-42															
	HC-42	0.0418	<0.00001	0.007	0.00007	0.0312	0.15	0.00037	0.0001	1.3	<0.000005	0.23	0.00784	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42	0.0603	<0.00001	0.008	0.00011	0.0305	0.26	0.00044	0.00012	1.9	<0.000005	0.32	0.0112	<10	0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0628	<0.00001	0.005	0.00009	0.0368	0.20	0.00037	0.00011	1.6	<0.000005	0.29	0.0114	<10	0.00003	0.000008
	HC-42															
	HC-42															
	HC-42	0.0685	<0.00001	0.005	<0.00005	0.0451	0.18	0.00032	0.00013	1.7	<0.000005	0.27	0.0136	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0797	<0.00001	0.007	0.00007	0.0507	0.22	0.00052	0.00008	1.9	<0.000005	0.30	0.0152	<10	<0.00002	0.000009
	HC-42															
	HC-42															
	HC-42	0.0801	<0.00001	0.002	<0.00005	0.0679	0.19	0.00040	0.00012	1.6	<0.000005	0.27	0.0168	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0717	<0.00001	0.006	0.00005	0.0734	0.21	0.00046	0.00011	1.6	<0.000005	0.28	0.0164	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42	0.0458	<0.00001	0.003	<0.00005	0.0527	0.13	0.00031	0.00008	1.1	<0.000005	0.19	0.0108	<10	0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0627	<0.00001	0.005	<0.00005	0.0773	0.16	0.00032	0.00007	1.5	<0.000005	0.26	0.0155	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0501	<0.00001	0.006	<0.00005	0.07	0.12	0.0003	0.00006	0.9	<0.000005	0.19	0.0125	<10	<0.00002	0.000004
	HC-42															
	HC-42															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000008	<0.0002	0.0027	<0.0001	<0.002				0.21	0.19	4.76
	HC-42															
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0023	<0.0001	<0.002				0.07	0.08	-4.11
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0026	<0.0001	<0.002				0.18	0.18	-0.84
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000011	<0.0002	0.0061	<0.0001	<0.002				0.12	0.12	1.23
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000005	<0.0002	0.0116	<0.0001	<0.002				0.12	0.15	-11.1
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000009	<0.0002	0.0032	<0.0001	<0.002				0.15	0.14	2.76
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000015	<0.0002	0.0045	<0.0001	<0.002				0.17	0.15	7.94
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000007	<0.0002	0.0038	<0.0001	<0.002				0.17	0.15	4.10
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000017	<0.0002	0.0086	<0.0001	<0.002				0.16	0.13	8.01
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000010	<0.0002	0.0081	<0.0001	<0.002				0.13	0.12	1.20
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000020	<0.0002	0.0063	<0.0001	<0.002				0.09	0.08	4.71
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00003	0.000025	<0.0002	0.0108	<0.0001	0.003				0.118	0.105	5.83
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000024	<0.0002	0.0091	<0.0001	<0.002				0.066	0.081	-10.2
	HC-42															
	HC-42															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		178	30-Apr-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		179	07-May-18	500	465	5.28	16
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		180	14-May-18	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		181	21-May-18	500	485	5.21	16
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		182	28-May-18	500	455		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		183	04-Jun-18	500	480	5.21	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		184	11-Jun-18	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		185	18-Jun-18	500	480	5.74	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		186	25-Jun-18	500	490		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		187	02-Jul-18	500	485	5.12	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		188	09-Jul-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		189	16-Jul-18	500	475	5.08	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		190	23-Jul-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		191	30-Jul-18	500	470	5.01	17
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		192	06-Aug-18	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		193	13-Aug-18	500	475	4.75	15
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		194	20-Aug-18	500	490		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		195	27-Aug-18	500	465	4.79	13
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		196	03-Sep-18	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		197	10-Sep-18	500	460	4.73	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		198	17-Sep-18	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		199	24-Sep-18	500	455	4.86	16
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		200	01-Oct-18	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		201	08-Oct-18	500	460	4.71	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		202	15-Oct-18	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		203	22-Oct-18	500	475	4.70	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		204	29-Oct-18	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		205	05-Nov-18	500	440	4.67	30
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		206	12-Nov-18	500	500		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		207	19-Nov-18	500	465	4.73	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		208	26-Nov-18	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		209	03-Dec-18	500	460	4.77	18
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		210	10-Dec-18	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		211	17-Dec-18	500	485	4.68	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		212	24-Dec-18	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		213	31-Dec-18	500	445	4.62	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		214	07-Jan-19	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		215	14-Jan-19	500	470	4.71	16
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		216	21-Jan-19	500	455		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		217	28-Jan-19	500	475	4.57	28
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		218	04-Feb-19	500	440		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		219	11-Feb-19	500	500	4.57	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		220	18-Feb-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		221	25-Feb-19	500	475	4.64	19
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		222	04-Mar-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		223	11-Mar-19	500	470	4.61	20.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		224	18-Mar-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		225	25-Mar-19	500	475	4.57	29.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		226	01-Apr-19	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		227	08-Apr-19	500	460	4.48	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		228	15-Apr-19	500	480		

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42																
	HC-42	280	4.8	<0.5	0.6	<0.5	<0.05		<0.5					3.5	0.028	<0.00002	0.00237
	HC-42																
	HC-42	290															
	HC-42																
	HC-42	300	7.0	<0.5	1.5	0.7	0.06		<0.5					5.1	0.0615	<0.00002	0.00278
	HC-42	300															
	HC-42																
	HC-42	310	6.4	<0.5	0.9	<0.5	0.07		<0.5					4.4	0.0882	<0.00002	0.00273
	HC-42	300															
	HC-42																
	HC-42	295	5.3	<0.5	1.3	<0.5	0.07		<0.5					2.9	0.108	<0.00002	0.00179
	HC-42	310															
	HC-42																
	HC-42	315	4.7	<0.5	3.0	<0.5	0.08		<0.5					2.5	0.140	<0.00002	0.00148
	HC-42																
	HC-42	315															
	HC-42																
	HC-42	320	3.6	<0.5	3.2	<0.5	0.07		<0.5					2	0.151	<0.00002	0.00101
	HC-42	330															
	HC-42																
	HC-42	305	5.8	<0.5	2.4	<0.5	0.09		<0.5					2.1	0.3260	<0.00002	0.00124
	HC-42	315															
	HC-42																
	HC-42	330	4.5	<0.5	3.7	<0.5	0.08		<0.5					1.9	0.29	<0.00002	0.0012
	HC-42	335															
	HC-42																
	HC-42	350	4.5	<0.5	2.0	<0.5	0.06		<0.5					1.5	0.2920	<0.00002	0.00087
	HC-42	330															
	HC-42																
	HC-42	340	4.6	<0.5	2	<0.5	<0.05		<0.5					1.4	0.232	0.00003	0.00075
	HC-42																
	HC-42	350															
	HC-42																
	HC-42	360	6.0	<0.5	5.3	<0.5	0.06		<0.5					1.6	0.4370	<0.00002	0.00091
	HC-42	370															
	HC-42																
	HC-42	350	6.3	<0.5	3.9	<0.5	<0.05		<0.5					1.5	0.320	<0.00002	0.00076
	HC-42																
	HC-42	340															
	HC-42																
	HC-42	335	7.0	<0.5	7.2	<0.5	0.06		<0.5					1.7	0.4950	<0.00002	0.00102
	HC-42																

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42															
	HC-42	0.00208	0.00014	<0.000005	<0.05	<0.00005	0.000233	0.66	<0.0001	0.0919	0.0052	0.00182	0.003	0.000126	0.003	0.45
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.00375	0.00026	<0.000005	<0.05	<0.00005	0.000432	0.94	<0.0001	0.174	0.01020	0.00531	0.006	0.000224	0.0043	0.66
	HC-42															
	HC-42															
	HC-42	0.00458	0.00035	<0.000005	<0.05	<0.00005	0.000500	0.78	<0.0001	0.217	0.0128	0.00624	0.004	0.000214	0.0052	0.59
	HC-42															
	HC-42	0.00469	0.00040	<0.000005	<0.05	<0.00005	0.000358	0.51	<0.0001	0.166	0.0156	0.0119	0.007	0.000280	0.0043	0.40
	HC-42															
	HC-42															
	HC-42	0.00526	0.00054	<0.000005	<0.05	<0.00005	0.000326	0.42	<0.0001	0.149	0.0171	0.0172	0.013	0.000362	0.0040	0.35
	HC-42															
	HC-42															
	HC-42	0.00533	0.00051	<0.000005	<0.05	<0.00005	0.000282	0.35	<0.0001	0.132	0.01740	0.0213	0.011	0.000354	0.0029	0.28
	HC-42															
	HC-42															
	HC-42	0.00853	0.00095	<0.000005	<0.05	<0.00005	0.000304	0.33	<0.0001	0.158	0.0290	0.05010	0.023	0.000629	0.0039	0.30
	HC-42															
	HC-42															
	HC-42	0.00862	0.0009	<0.000005	<0.05	<0.00005	0.000247	0.29	<0.0001	0.121	0.02610	0.051	0.02	0.000565	0.0036	0.28
	HC-42															
	HC-42															
	HC-42	0.00921	0.00084	<0.000005	<0.05	<0.00005	0.000188	0.24	<0.0001	0.109	0.0268	0.05850	0.019	0.000658	0.0029	0.23
	HC-42															
	HC-42															
	HC-42	0.0073	0.00061	<0.000005	<0.05	<0.00005	0.000135	0.21	<0.0001	0.0812	0.02190	0.0488	0.013	0.000493	0.0022	0.21
	HC-42															
	HC-42															
	HC-42	0.01250	0.00108	<0.000005	<0.05	<0.00005	0.000171	0.25	<0.0001	0.123	0.0409	0.08290	0.022	0.000937	0.0037	0.23
	HC-42															
	HC-42															
	HC-42	0.00924	0.00075	<0.000005	<0.05	<0.00005	0.000133	0.24	<0.0001	0.0877	0.0310	0.0602	0.013	0.000764	0.0026	0.23
	HC-42															
	HC-42															
	HC-42	0.01330	0.00109	<0.000005	<0.05	<0.00005	0.000169	0.28	<0.0001	0.113	0.0493	0.08670	0.025	0.001050	0.0035	0.23
	HC-42															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42															
	HC-42	0.0544	<0.00001	0.004	<0.00005	0.101	0.16	0.00031	0.0001	1.2	<0.000005	0.23	0.0169	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.0799	<0.00001	0.004	<0.00005	0.177	0.23	0.00042	0.00014	1.6	<0.000005	0.33	0.0282	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0692	<0.00001	<0.002	<0.00005	0.186	0.23	0.00036	0.00014	1.7	<0.000005	0.32	0.0274	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0428	<0.00001	<0.002	<0.00005	0.128	0.18	0.00032	0.00009	1.2	<0.000005	0.24	0.0169	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42	0.0358	<0.00001	<0.002	<0.00005	0.114	0.14	0.00031	0.00010	1.2	<0.000005	0.22	0.0132	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42	0.0294	<0.00001	<0.002	<0.00005	0.0945	0.12	0.0003	0.00006	1.1	<0.000005	0.19	0.00963	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0288	0.00001	0.004	<0.00005	0.101	0.15	0.00034	0.00010	1.3	<0.000005	0.30	0.0091	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0235	<0.00001	<0.002	<0.00005	0.0851	0.14	0.00036	0.00009	1.2	<0.000005	0.23	0.00597	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0188	<0.00001	0.004	<0.00005	0.073	0.14	0.00040	0.00006	1.1	<0.000005	0.24	0.0046	<10	<0.00002	0.000009
	HC-42															
	HC-42															
	HC-42	0.0147	<0.00001	<0.002	<0.00005	0.062	0.1	0.00031	0.00008	0.8	<0.000005	0.18	0.0033	<10	<0.00002	0.000004
	HC-42															
	HC-42															
	HC-42	0.0157	<0.00001	<0.002	<0.00005	0.077	0.15	0.00053	0.00012	1.2	0.000007	0.29	0.0039	<10	0.00003	0.000010
	HC-42															
	HC-42															
	HC-42	0.0140	<0.00001	<0.002	<0.00005	0.0731	0.11	0.00041	0.00008	1.0	<0.000005	0.23	0.00312	<10	<0.00002	<0.000002
	HC-42															
	HC-42															
	HC-42	0.0138	<0.00001	<0.002	<0.00005	0.081	0.14	0.00047	0.00014	1.2	0.000007	0.29	0.0036	<10	<0.00002	0.000010
	HC-42															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000038	<0.0002	0.0182	<0.0001	<0.002				0.1	0.095	2.56
	HC-42															
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	0.0007	<0.00001	0.000068	<0.0002	0.036	<0.0001	<0.002				0.162	0.139	7.64
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000079	<0.0002	0.0519	<0.0001	<0.002				0.138	0.130	2.99
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000124	<0.0002	0.0447	<0.0001	<0.002				0.114	0.0990	7.04
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000171	<0.0002	0.0465	<0.0001	<0.002				0.102	0.0990	1.49
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.00019	<0.0002	0.0437	<0.0001	<0.002				0.079	0.086	-4.24
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000344	<0.0002	0.0783	<0.0001	<0.002				0.125	0.119	2.46
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000359	<0.0002	0.0555	<0.0001	<0.002				0.098	0.106	-3.92
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000390	<0.0002	0.0507	<0.0001	<0.002				0.093	0.102	-4.62
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000358	<0.0002	0.0384	<0.0001	<0.002				0.095	0.086	4.97
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000678	<0.0002	0.0679	<0.0001	0.003				0.129	0.128	0.39
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000471	<0.0002	0.0461	<0.0001	<0.002				0.13	0.11	10.5
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000756	<0.0002	0.0744	<0.0001	<0.002				0.15	0.14	1.72
	HC-42															

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		229	22-Apr-19	500	480	4.55	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		230	29-Apr-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		231	06-May-19	500	470	4.49	30.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		232	13-May-19	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		233	20-May-19	500	460	4.56	29.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		234	27-May-19	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		235	03-Jun-19	500	470	4.44	32.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		236	10-Jun-19	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		237	17-Jun-19	500	460	4.46	28.0
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		238	24-Jun-19	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		239	01-Jul-19	500	460	4.49	30
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		240	08-Jul-19	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		241	15-Jul-19	500	465	4.57	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		242	22-Jul-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		243	29-Jul-19	500	465	4.52	31
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		244	05-Aug-19	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		245	12-Aug-19	500	475	4.56	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		246	19-Aug-19	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		247	26-Aug-19	500	480	4.49	31
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		248	02-Sep-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		249	09-Sep-19	500	490	4.58	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		250	16-Sep-19	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		251	23-Sep-19	500	500	4.60	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		252	30-Sep-19	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		253	07-Oct-19	500	470	4.55	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		254	14-Oct-19	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		255	21-Oct-19	500	490	4.50	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		256	28-Oct-19	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		257	04-Nov-19	500	470	4.58	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		258	11-Nov-19	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		259	18-Nov-19	500	475	4.57	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		260	25-Nov-19	500	465		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		261	02-Dec-19	500	475	4.58	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		262	09-Dec-19	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		263	16-Dec-19	500	475	4.40	30
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		264	23-Dec-19	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		265	30-Dec-19	500	480	4.53	27
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		266	06-Jan-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		267	13-Jan-20	500	480	4.58	20
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		268	20-Jan-20	500	490		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		269	27-Jan-20	500	485	4.54	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		270	03-Feb-20	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		271	10-Feb-20	500	485	4.56	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		272	17-Feb-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		273	24-Feb-20	500	480	4.80	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		274	02-Mar-20	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		275	09-Mar-20	500	475	4.53	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		276	16-Mar-20	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		277	23-Mar-20	500	460	4.50	29
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		278	30-Mar-20	500	460		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		279	06-Apr-20	500	495	4.48	27

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42	370															
	HC-42																
	HC-42	330	7.0	<0.5	5.7	<0.5	<0.05		<0.5					2.0	0.514	<0.00002	0.00103
	HC-42																
	HC-42	320															
	HC-42																
	HC-42	315	8.8	<0.5	4.1	<0.5	<0.05		<0.5					1.9	0.482	<0.00002	0.00110
	HC-42	300															
	HC-42																
	HC-42	300	5.6	<0.5	4.4	<0.5	<0.05		<0.5					1.9	0.431	<0.00002	0.00098
	HC-42																
	HC-42	330															
	HC-42																
	HC-42	350	6.5	<0.5	5.3	<0.5	<0.05		0.7					2.1	0.533	<0.00002	0.00091
	HC-42																
	HC-42	360															
	HC-42																
	HC-42	350	6.0	<0.5	7.2	<0.5	<0.05		0.6					2.1	0.544	<0.00002	0.00100
	HC-42																
	HC-42	355															
	HC-42																
	HC-42	360	5.3	<0.5	3.3	<0.5	<0.05		<0.5					1.6	0.351	<0.00002	0.00065
	HC-42																
	HC-42	360															
	HC-42																
	HC-42	365	6.2	<0.5	5.8	<0.5	<0.05		<0.5					1.8	0.485	<0.00002	0.00075
	HC-42																
	HC-42	350															
	HC-42																
	HC-42	345	5.0	<0.5	2.5	<0.5	<0.05		<0.5					2.3	0.339	<0.00002	0.00072
	HC-42																
	HC-42	370															
	HC-42																
	HC-42	360	5.4	<0.5	5.0	<0.5	<0.05		<0.5					1.8	0.552	<0.00002	0.00094
	HC-42																
	HC-42	360															
	HC-42																
	HC-42	350	3.4	<0.5	3.0	<0.5	<0.05		<0.5					1.1	0.240	<0.00002	0.00035
	HC-42																
	HC-42	360															
	HC-42																
	HC-42	350	4.5	<0.5	3.4	<0.5	<0.05		<0.5					1.5	0.336	<0.00002	0.00051
	HC-42																
	HC-42	350															
	HC-42																
	HC-42	355	5.9	<0.5	5.0	<0.5	<0.05		<0.5					1.6	0.461	<0.00002	0.00063
	HC-42																
	HC-42	360															
	HC-42																
	HC-42	330	6.0	<0.5	2.2	<0.5	<0.05		<0.5					1.5	0.476	<0.00002	0.00082

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42															
	HC-42															
	HC-42	0.01150	0.00110	<0.000005	<0.05	<0.00005	0.000160	0.34	<0.0001	0.1020	0.0462	0.0754	0.017	0.000973	0.0038	0.27
	HC-42															
	HC-42															
	HC-42	0.0111	0.00098	<0.000005	<0.05	<0.00005	0.000176	0.35	0.0001	0.0892	0.0477	0.0679	0.029	0.00126	0.0035	0.25
	HC-42															
	HC-42	0.00879	0.00085	<0.000005	<0.05	<0.00005	0.000131	0.34	<0.0001	0.0816	0.0386	0.0553	0.012	0.000871	0.0029	0.25
	HC-42															
	HC-42	0.0107	0.00101	<0.000005	<0.05	<0.00005	0.000152	0.41	<0.0001	0.0951	0.0507	0.0654	0.015	0.00103	0.0032	0.26
	HC-42															
	HC-42	0.0104	0.00100	<0.000005	<0.05	<0.00005	0.000134	0.42	<0.0001	0.0813	0.0504	0.0633	0.014	0.00107	0.0034	0.25
	HC-42															
	HC-42	0.00673	0.00055	<0.000005	<0.05	<0.00005	0.000116	0.30	<0.0001	0.0582	0.0315	0.0369	0.007	0.00425	0.0019	0.20
	HC-42															
	HC-42															
	HC-42	0.00950	0.00087	<0.000005	<0.05	<0.00005	0.000112	0.35	<0.0001	0.0729	0.0462	0.0522	0.012	0.00100	0.0030	0.21
	HC-42															
	HC-42															
	HC-42	0.00619	0.00054	<0.000005	<0.05	<0.00005	0.000096	0.60	<0.0001	0.0535	0.0319	0.0353	0.010	0.000831	0.0018	0.20
	HC-42															
	HC-42															
	HC-42	0.00928	0.00086	<0.000005	<0.05	<0.00005	0.000109	0.36	<0.0001	0.0765	0.0512	0.0524	0.012	0.00106	0.0029	0.22
	HC-42															
	HC-42	0.00467	0.00039	<0.000005	<0.05	0.00008	0.000063	0.25	<0.0001	0.0386	0.0238	0.0215	0.007	0.00067	0.0016	0.13
	HC-42															
	HC-42															
	HC-42	0.00622	0.00050	<0.000005	<0.05	<0.00005	0.000092	0.31	<0.0001	0.0498	0.0349	0.0308	0.008	0.00074	0.0017	0.18
	HC-42															
	HC-42															
	HC-42	0.00715	0.00060	<0.000005	<0.05	<0.00005	0.000083	0.34	<0.0001	0.0572	0.0401	0.0365	0.009	0.00084	0.0021	0.17
	HC-42															
	HC-42															
	HC-42	0.00749	0.00062	<0.000005	<0.05	<0.00005	0.000133	0.36	0.0001	0.0524	0.0445	0.0351	0.009	0.00292	0.0025	0.15

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42															
	HC-42															
	HC-42	0.0143	<0.00001	<0.002	<0.00005	0.0826	0.14	0.00038	0.00013	1.4	0.000008	0.31	0.00345	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.0133	<0.00001	<0.002	<0.00005	0.0761	0.13	0.00045	0.00013	1.4	0.000009	0.30	0.00357	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.0132	0.00001	<0.002	<0.00005	0.0768	0.11	0.00037	0.00011	1.3	0.000005	0.28	0.00332	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.0136	<0.00001	<0.002	<0.00005	0.0840	0.14	0.00045	0.00014	1.6	0.000005	0.33	0.00402	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.0127	<0.00001	<0.002	<0.00005	0.0798	0.14	0.00044	0.00015	1.5	<0.000005	0.35	0.00380	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.00951	<0.00001	<0.002	<0.00005	0.0609	0.08	0.00031	0.00012	1.1	<0.000005	0.24	0.00246	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.0105	<0.00001	<0.002	<0.00005	0.0675	0.12	0.00045	0.00013	1.4	0.000006	0.31	0.00341	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.0114	<0.00001	0.010	<0.00005	0.0575	0.11	0.00069	0.00009	1.1	<0.000005	0.27	0.00687	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.0107	<0.00001	<0.002	<0.00005	0.0722	0.12	0.00044	0.00014	1.5	<0.000005	0.35	0.00394	<10	<0.00002	0.000012
	HC-42															
	HC-42															
	HC-42	0.00562	<0.00001	<0.002	<0.00005	0.0385	0.07	0.00030	0.00007	0.9	<0.000005	0.19	0.00206	<10	<0.00002	0.000009
	HC-42															
	HC-42															
	HC-42	0.00820	<0.00001	0.002	<0.00005	0.0592	0.08	0.00031	0.00010	1.1	0.000005	0.26	0.00253	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.00810	<0.00001	0.005	<0.00005	0.0586	0.09	0.00033	0.00013	1.3	0.000007	0.28	0.00285	<10	<0.00002	0.000010
	HC-42															
	HC-42															
	HC-42	0.00700	<0.00001	0.004	<0.00005	0.0527	0.09	0.00031	0.00012	1.3	0.000006	0.27	0.00287	<10	<0.00002	0.000013

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000758	0.0002	0.0649	<0.0001	<0.002				0.15	0.15	-1.4
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	0.0005	<0.00001	0.000684	0.0003	0.0642	<0.0001	<0.002				0.18	0.15	10.5
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000592	<0.0002	0.0500	<0.0001	<0.002				0.12	0.14	-7.45
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000695	<0.0002	0.0669	<0.0001	<0.002				0.16	0.15	0.32
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000712	<0.0002	0.0616	<0.0001	0.002				0.140	0.158	-6.04
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000432	<0.0002	0.0366	<0.0001	<0.002				0.110	0.111	-0.450
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000602	<0.0002	0.0523	<0.0001	<0.002				0.129	0.141	-4.44
	HC-42															
	HC-42	0.000034	<0.0002	<0.0005	<0.00001	0.000662	<0.0002	0.0388	<0.0001	<0.002				0.104	0.129	-10.7
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000646	<0.0002	0.0544	<0.0001	<0.002				0.112	0.160	-17.7
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000274	<0.0002	0.0252	<0.0001	0.005				0.070	0.088	-11.4
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000390	<0.0002	0.0323	<0.0001	<0.002				0.0950	0.111	-7.77
	HC-42															
	HC-42	0.000009	<0.0002	<0.0005	<0.00001	0.000497	<0.0002	0.0369	<0.0001	<0.002				0.122	0.130	-3.17
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000519	<0.0002	0.0436	<0.0001	<0.002				0.125	0.134	-3.47

Sample ID	HCT number	Deposit	Lithology	Drill hole ID	Depth From	Depth To	Total S	Sulphide S	Inorganic C	NP (Sobek)	NAG pH	HCT Week No.	Sampling Date	Input Volume	Output Volume	pH	EC
					m	m	wt%	wt%	wt%	kgCaCO3/t	pH units			mL	mL	pH Units	uS/cm
													RDL	n/a	n/a	n/a	0.5
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		280	13-Apr-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		281	20-Apr-20	500	475	4.49	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		282	27-Apr-20	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		283	04-May-20	500	485	4.50	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		284	11-May-20	500	475		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		285	18-May-20	500	490	4.53	26
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		286	25-May-20	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		287	01-Jun-20	500	480	4.60	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		288	08-Jun-20	500	490		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		289	15-Jun-20	500	475	4.53	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		290	22-Jun-20	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		291	29-Jun-20	500	465	4.56	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		292	06-Jul-20	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		293	13-Jul-20	500	465	4.45	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		294	20-Jul-20	500	495		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		295	27-Jul-20	500	490	4.51	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		296	03-Aug-20	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		297	10-Aug-20	500	445	4.55	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		298	17-Aug-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		299	24-Aug-20	500	490	4.53	23
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		300	31-Aug-20	500	470		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		301	07-Sep-20	500	485	4.58	25
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		302	14-Sep-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		303	21-Sep-20	500	475	4.60	67
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		304	28-Sep-20	500	485		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		305	05-Oct-20	500	475	4.57	24
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		306	12-Oct-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		307	19-Oct-20	500	475	4.51	22
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		308	26-Oct-20	500	480		
	HC-42	LCP North	Mudstone	12GRL071	143.50	145.00	0.19	0.11	0.01	9.30		309	02-Nov-20	500	460	4.55	23

Sample ID	HCT number	ORP	SO4	Acidity to pH4.5	Acidity to pH8.3	Total Alkalinity	Fluoride	Dissolved Bromide	Dissolved Chloride	Nitrate-N	Nitrite-N	Total Dissolved Phosphorus	Ortho Phosphate	Hardness CaCO3	Dissolved Aluminum (Al) - ICPMS	Dissolved Antimony (Sb) - ICPMS	Dissolved Arsenic (As) - ICPMS
		mV	mg/L	mg/L	mg/L	mg/L as CaCO3	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		n/a	0.5	0.5	0.5	0.5	0.05	0.01	0.5	0.02	0.005	0.005	0.001	0.5	0.0002	0.00002	0.00002
	HC-42																
	HC-42	360															
	HC-42																
	HC-42	350	5.7	<0.5	2.0	<0.5	<0.05		<0.5					1.6	0.416	<0.00002	0.00064
	HC-42	350															
	HC-42	340	8.6	1.6	8.6	<0.5	0.06		<0.5					3.2	0.462	<0.00002	0.00058
	HC-42	335															
	HC-42	345	5.1	<0.5	2.5	<0.5	<0.05		<0.5					1.9	0.349	<0.00002	0.00059
	HC-42	340															
	HC-42	340	5.5	<0.5	2.6	<0.5	<0.05		<0.5					1.9	0.336	<0.00002	0.00062
	HC-42	345															
	HC-42																
	HC-42	350	5.1	<0.5	2.3	<0.5	<0.05		<0.5					1.6	0.314	<0.00002	0.00059
	HC-42	350															
	HC-42	365	4.8	<0.5	3.7	<0.5	<0.05		<0.5					1.3	0.297	<0.00002	0.00054
	HC-42	360															
	HC-42																
	HC-42	385	4.8	<0.5	3.4	<0.5	<0.05		<0.5					1.4	0.332	<0.00002	0.00317
	HC-42																
	HC-42	380															

Sample ID	HCT number	Dissolved Barium (Ba) - ICPMS	Dissolved Beryllium (Be) - ICPMS	Dissolved Bismuth (Bi) - ICPMS	Dissolved Boron (B) - ICPMS	Dissolved Cesium (Cs) - ICPMS	Dissolved Cadmium (Cd) - ICPMS	Dissolved Calcium (Ca) - ICPMS	Dissolved Chromium (Cr) - ICPMS	Dissolved Cobalt (Co) - ICPMS	Dissolved Copper (Cu) - ICPMS	Dissolved Lanthanum (La) - ICPMS	Dissolved Iron (Fe) - ICPMS	Dissolved Lead (Pb) - ICPMS	Dissolved Lithium (Li) - ICPMS	Dissolved Magnesium (Mg) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00002	0.00001	0.000005	0.05	0.00005	0.000005	0.05	0.0001	0.000005	0.00005	0.00005	0.001	0.000005	0.0005	0.05
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.00652	0.00058	<0.000005	<0.05	<0.00005	0.000081	0.39	<0.0001	0.0457	0.0397	0.0268	0.012	0.00076	0.0025	0.16
	HC-42															
	HC-42															
	HC-42	0.00595	0.00052	<0.000005	<0.05	<0.00005	0.000080	1.04	0.0001	0.0435	0.0392	0.0226	0.708	0.00092	0.0023	0.15
	HC-42															
	HC-42	0.00564	0.00047	<0.000005	<0.05	<0.00005	0.000293	0.46	<0.0001	0.0378	0.0348	0.0203	0.006	0.00079	0.0020	0.18
	HC-42															
	HC-42	0.00547	0.00042	<0.000005	<0.05	<0.00005	0.000060	0.51	<0.0001	0.0366	0.0335	0.0194	0.010	0.00056	0.0019	0.14
	HC-42															
	HC-42															
	HC-42	0.00512	0.00040	<0.000005	<0.05	<0.00005	0.000062	0.43	<0.0001	0.0335	0.0312	0.0163	0.005	0.00116	0.0016	0.14
	HC-42															
	HC-42	0.00475	0.00037	<0.000005	<0.05	<0.00005	0.000060	0.33	<0.0001	0.0323	0.0300	0.0149	0.008	0.000552	0.0016	0.12
	HC-42															
	HC-42															
	HC-42	0.00434	0.00039	<0.000005	<0.05	<0.00005	0.000059	0.34	<0.0001	0.0304	0.0339	0.0142	0.007	0.000530	0.0014	0.12
	HC-42															
	HC-42															

Sample ID	HCT number	Dissolved Manganese (Mn) - ICPMS	Dissolved Mercury (Hg) - ICPMS	Dissolved Phosphorus (P) - ICPMS	Dissolved Molybdenum (Mo) - ICPMS	Dissolved Nickel (Ni) - ICPMS	Dissolved Potassium (K) - ICPMS	Dissolved Rubidium (Rb) - ICPMS	Dissolved Selenium (Se) - ICPMS	Dissolved Silicon (Si) - ICPMS	Dissolved Silver (Ag) - ICPMS	Dissolved Sodium (Na) - ICPMS	Dissolved Strontium (Sr) - ICPMS	Dissolved Sulphur (S) - ICPMS	Dissolved Tellurium (Te) - ICPMS	Dissolved Thallium (Tl) - ICPMS
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		0.00005	0.00001	0.002	0.00005	0.00002	0.05	0.00005	0.00004	0.1	0.000005	0.05	0.00005	10	0.00002	0.000002
	HC-42															
	HC-42															
	HC-42															
	HC-42	0.00701	<0.00001	<0.002	<0.00005	0.0524	0.08	0.00028	0.00011	1.4	0.000006	0.29	0.00276	<10	<0.00002	0.000007
	HC-42															
	HC-42															
	HC-42	0.02222	<0.00001	0.006	<0.00005	0.0521	0.08	0.00025	0.00017	1.5	0.000009	0.29	0.00781	<10	<0.00002	0.000013
	HC-42															
	HC-42															
	HC-42	0.00806	<0.00001	0.003	<0.00005	0.0494	0.08	0.00024	0.00012	1.3	0.000008	0.29	0.00261	<10	<0.00002	0.000008
	HC-42															
	HC-42															
	HC-42	0.00624	<0.00001	<0.002	<0.00005	0.0458	0.09	0.00025	0.00009	1.2	<0.000005	0.27	0.00259	<10	<0.00002	0.000005
	HC-42															
	HC-42															
	HC-42	0.00570	<0.00001	<0.002	<0.00005	0.0452	0.07	0.00022	0.00009	1.3	0.000006	0.27	0.00370	<10	<0.00002	0.000005
	HC-42															
	HC-42															
	HC-42	0.00532	<0.00001	0.003	<0.00005	0.0412	0.07	0.00027	0.00010	1.3	<0.000005	0.27	0.00237	<10	<0.00002	0.000006
	HC-42															
	HC-42															
	HC-42	0.00514	<0.00001	0.003	0.00040	0.0401	0.07	0.00021	0.00009	1.3	<0.000005	0.31	0.00247	<10	<0.00002	0.000007
	HC-42															
	HC-42															

Sample ID	HCT number	Dissolved Thorium (Th) - ICPMS	Dissolved Tin (Sn) - ICPMS	Dissolved Titanium (Ti) - ICPMS	Dissolved Tungsten (W) - ICPMS	Dissolved Uranium (U) - ICPMS	Dissolved Vanadium (V) - ICPMS	Dissolved Zinc (Zn) - ICPMS	Dissolved Zirconium (Zr) - ICPMS	Dissolved Mercury (Hg) - CVAF	Total Ammonia	Total CN*	Weak Acid Dissociable Cyanide (CN)*	Anion Sum	Cation Sum	Ion Balance
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	N/A	N/A	N/A
		0.000005	0.00001	0.0005	0.00001	0.000002	0.0002	0.0001	0.0001	0.002	0.005	0.05/0.0005*	0.02/0.0005*			
	HC-42															
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000466	<0.0002	0.0365	<0.0001	<0.002				0.119	0.128	-3.64
	HC-42															
	HC-42															
	HC-42	0.000034	<0.0002	<0.0005	<0.00001	0.000453	<0.0002	0.0336	<0.0001	<0.002				0.182	0.183	-0.270
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000359	<0.0002	0.0393	<0.0001	<0.002				0.106	0.121	-6.61
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000343	<0.0002	0.0272	<0.0001	<0.002				0.114	0.121	-2.98
	HC-42															
	HC-42															
	HC-42	0.000009	<0.0002	<0.0005	<0.00001	0.000407	<0.0002	0.0246	<0.0001	<0.002				0.106	0.113	-3.20
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	<0.00001	0.000305	<0.0002	0.0250	<0.0001	<0.002				0.100	0.100	0.00
	HC-42															
	HC-42															
	HC-42	<0.000005	<0.0002	<0.0005	0.00009	0.000304	<0.0002	0.0234	<0.0001	<0.002				0.101	0.112	-5.16
	HC-42															
	HC-42															