

Agrico Eagle (Amaruq)
Blandine Arseneault, Serge Ouellet
Brian Graham

RE-13872/RE-13874
1 kq
Tailings

Humidity Cell:	AMQ-ENV-18
Weight:	1 kg
Cell Type	Wasterock

[illegible]

Humidity Cell:	AMQ-ENV-40
Weight:	1 kg
Cell Type	Wasterock

[illegible]

Cell type

Wasterock

Wasterock

[illegible]

Humidity Cell:
Weight:
Cell Type

AMQ-ENV-43
1 kg
Wasterock

Analyte	Waste Unit	LIMS Sample Date	Leachate Volume Added (mL)	Leachate Volume Recovered (mL)	pH	Acidity meq/L as CaCO3	Alkalinity mg/L as CaCO3	Conductivity	SO4 mg/L	Ca mg/L	Cl mg/L	F mg/L	Hg mg/L	As mg/L	Al mg/L	As ug/L	Ba mg/L	Be mg/L	B mg/L	Bi mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Fe mg/L	K mg/L	Li mg/L	Mg mg/L	Mn mg/L	Mo mg/L	Na mg/L	Ni ug/L	P mg/L	Pb mg/L	Sr mg/L	Se mg/L	Sa mg/L	Sr mg/L	Sn mg/L	Ti mg/L	Ti mg/L	U mg/L	V mg/L	Zn mg/L							
0	CAT108-SEP15	2-Sep-15	1000	876	8.24	< 2	14	49	3	3.03	2	< 0.06	< 0.00001	0.00006	0.018	0.445	0.0013	< 0.000007	0.0317	< 0.000007	0.000008	0.000834	0.00064	0.00042	0.018	2.47	0.000338	0.698	0.00899	0.00043	4.59	0.0082	< 0.003	0.0001	0.0062	0.00017	0.0226	0.00047	0.0002	0.00009	0.00007	0.00442	< 0.002								
1	CAT1057-SEP15	9-Sep-15	1000	956	8.01	< 2	15	61	7	3.35	3	< 0.06	< 0.00001	0.000019	0.011	2.30	0.00186	< 0.000007	0.0467	< 0.000007	0.00136	0.00034	0.00027	0.009	2.99	0.000488	1.13	0.0104	0.00049	4.99	0.0128	< 0.003	0.00005	0.0177	0.00028	0.0364	0.00022	0.00008	0.000010	0.000019	0.00590	< 0.002									
2	CAT1057-SEP15	9-Sep-15	1000	950	7.80	< 2	12	45	3	2.72	< 1	< 0.06	< 0.00001	0.000013	0.011	1.84	0.00171	< 0.000007	0.0467	< 0.000007	0.000484	0.00022	0.011	2	350	0.000487	0.00040	0.00026	2.36	0.0058	< 0.003	< 0.0001	0.0122	0.00011	0.00004	0.00010	0.00010	0.000010	0.000019	0.00590	< 0.002										
3	CAT1035-SEP15	23-Sep-15	1000	962	8.17	< 2	13	38	4	3.11	< 1	< 0.06	< 0.00001	0.000006	0.011	2.15	0.00180	< 0.000007	0.0205	< 0.000007	0.000377	0.00026	0.00028	0.009	2.41	0.000454	1.01	0.00671	0.00038	1.55	0.0035	< 0.003	< 0.00001	0.0172	0.00026	0.0354	0.00014	0.00008	0.000007	0.000039	0.00473	< 0.002									
4	CAT1038-SEP15	30-Sep-15	1000	968	7.71	< 2	11	37	4	2.86	< 1	< 0.06	< 0.00001	< 0.000002	0.009	1.78	0.00177	< 0.000007	0.0145	< 0.000007	< 0.000003	0.000310	0.00025	0.00003	0.010	2.19	0.000469	0.946	0.00639	0.00027	0.95	0.0028	< 0.003	< 0.00001	0.0106	0.00026	0.0320	0.00005	0.00006	0.000005	0.000025	0.00380	< 0.002								
5	CAT1023-OCT15	7-Oct-15	1000	950	7.74	< 2	10	32	3	2.58	< 1	< 0.06	< 0.00001	0.000003	0.011	1.32	0.00172	< 0.000007	0.0096	< 0.000007	0.000002	0.00032	0.00026	0.013	2.18	0.000442	0.870	0.00549	0.00017	0.63	0.0024	< 0.003	< 0.00001	0.0074	0.00020	0.0285	0.00004	0.00019	> 0.000005	0.000029	0.00332	< 0.002									
6	CAT0981-OCT15	14-Oct-15	1000	971	7.80	< 2	10	31	3	2.63	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---					
7	CAT0983-OCT15	21-Oct-15	1000	991	7.49	< 2	11	30	2	2.79	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---					
8	CAT10141-OCT15	28-Oct-15	1000	1003	7.49	< 2	14	32	2	3.28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
9	CAT1021-NOV15	4-Nov-15	1000	985	7.62	< 2	10	28	2	2.43	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
10	CAT1051-NOV15	11-Nov-15	1000	991	7.48	< 2	10	26	2	2.67	< 1	< 0.06	< 0.00001	< 0.000002	0.010	1.13	0.00178	< 0.000007	0.0027	< 0.000007	< 0.000003	0.000298	0.00020	0.00008	0.010	2.17	0.000453	0.883	0.00652	0.00006	0.22	0.0023	0.003	< 0.00001	0.0070	0.00013	0.0244	0.00006	0.00019	0.000011	0.000011	0.00235	< 0.002								
11	CAT1082-NOV15	18-Nov-15	1000	954	7.56	< 2	10	26	2	2.47	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
12	CAT1013-NOV15	25-Nov-15	1000	930	7.26	< 2	8	23	2	2.29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
13	CAT1021-DEC15	2-Dec-15	1000	924	7.45	< 2	8	23	2	2.29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
14	CAT1056-DEC15	9-Dec-15	1000	966	7.48	< 2	10	24	2	2.44	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
15	CAT1039-DEC15	16-Dec-15	1000	970	7.33	< 2	10	25	2	2.36	< 1	< 0.06	< 0.00001	< 0.000002	0.008	0.950	0.00160	< 0.000007	0.0036	< 0.000007	< 0.000003	0.000231	0.00023	0.00021	0.009	1.90	0.000455	0.731	0.00482	0.00051	0.19	0.0016	< 0.003	< 0.00001	0.0052	0.00014	0.0180	0.00011	0.00006	< 0.000005	0.000010	0.00217	< 0.002								
16	CAT1029-DEC15	23-Dec-15	1000	967	7.33	< 2	8	22	2	2.43	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
17	CAT1062-DEC15	30-Dec-15	1000	981	7.46	< 2	10	26	2	2.33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
18	CAT1024-JAN16	6-Jan-16	1000	980	7.20	< 2	11	22	2	2.21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
19	CAT1081-JAN16	13-Jan-16	1000	971	7.34	< 2	9	24	2	2.21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
20	CAT1012-JAN16	20-Jan-16	1000	1009	7.57	< 2	13	31	2	3.43	< 1	< 0.06	< 0.00001	0.000002	0.005	1.56	0.00241	< 0.000007	0.002	< 0.000007	< 0.000003	0.000345	0.00016	0.00004	< 0.007	2.34	0.000677	1.08	0.00742	< 0.00001	0.14	0.0026	< 0.003	< 0.00001	0.0063	0.00016	0.0249	0.00006	< 0.00005	0.000009	0.000006	0.00223	< 0.002								
21	CAT10145-JAN16	27-Jan-16	1000	1008	7.61	< 2	12	28	2	2.89	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
22	CAT1027-FEB16	3-Feb-16	1000	1016	7.44	< 2	8	24	1	2.31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
23	CAT1069-FEB16	10-Feb-16	1000	1023	7.46	< 2	10	29	2	2.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
24	CAT1010-FEB16	17-Feb-16	1000	1010	7.35	< 2	9	23	1	2.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
25	CAT10154-FEB16	24-Feb-16	1000	994	7.40	< 2	8	22	2	2.27	< 1	< 0.06	< 0.00001	< 0.000002	0.007	0.810	0.00163	< 0.000007	< 0.002	< 0.000007	< 0.000003	0.000298	0.00020	0.00040	0.010	1.44	0.000365	0.630	0.00559	< 0.00001	0.05	0.0023	< 0.003	< 0.00001	0.0030	0.00009	0.0139	0.00010	0.00006	0.000010	0.000007	0.00143	< 0.002								
26	CAT1024-MAR16	2-Mar-16	1000	952	7.41	< 2	10	19	2	2.06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
27	CAT1060-MAR16	9-Mar-16	1000	959	7.42	< 2	8	21	2	2.31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
28	CAT1097-MAR16	16-Mar-16	1000	947	7.01	< 2	6	21	1	1.94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
29	CAT10141-MAR16	23-Mar-16	1000	1011	7.41	< 2	10	29	2	2.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
30	CAT10176-MAR16	30-Mar-16	1000	1017	7.41	< 2	10	29	2	2.60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
31	0	0-Jan-00	1000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
32	0	0-Jan-00	1000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
33	0	0-Jan-00	1000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
34	0	0-Jan-00	1000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---																																	

Column Results
Customer: Agrico Eagle (Amaruq)
Project Manager: Serge Ouellet
SGS Contact: Brian Graham
Humidity Cell: Large Column #1 Ultramafic (Oa)
Weight: 42.5kg
Cell Type: Wasterock

Analyte			Leachate Volume Added (mL)	Leachate Volume Recovered (mL)	pH	Acidity	Alkalinity	Conductivity	Sulphate	Calcium	Chloride	Fluoride	Mercury	Silver	Aluminum	Arsenic	Barium	Beryllium	Boron	Bismuth	Cadmium	Cobalt	Chromium	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Ti	Titanium	Thallium	Uranium	Vanadium	Zinc	
Week/Event	LIMS	Sample Date	mL	mL	units	mg/L as CaCO3	mg/L as CaCO3	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
0	CA10189-SEPT15	30-Sep-15	4250	2136	8.45	<2	30	193	28	10.4	15	0.08	0.00003	0.000022	0.013	0.267	0.0229	<0.000007	0.0402	0.000102	0.000012	0.00131	0.00115	0.00541	0.019	21.4	0.00128	4.15	0.00875	0.00137	5.72	0.0128	0.009	0.00039	0.0075	0.00084	0.116	0.0001	0.00029	0.000023	0.000012	0.0047	<0.002	
1	CA10024-OCT15	7-Oct-15	4250	3690	8.26	<2	50	400	86	21.8	33	0.15	<0.00001	0.000018	0.006	11.4	0.0486	<0.000007	0.163	0.000016	0.000014	0.00466	0.00045	0.00222	<0.007	45.8	0.00406	11.7	0.0132	0.00364	12.8	0.0747	0.004	0.00028	0.141	0.00301	0.329	<0.00001	0.00007	0.000068	0.000156	0.0208	<0.002	
2	CA10062-OCT15	14-Oct-15	4250	3693	8.09	<2	49	384	86	24.0	12	0.12	<0.00001	0.000006	0.005	14.8	0.0469	<0.000007	0.128	<0.000007	<0.000003	0.00260	0.00032	0.00087	<0.007	41.9	0.00402	11.5	0.0152	0.00283	9.52	0.0677	<0.003	0.00010	0.141	0.00227	0.326	0.00006	0.00009	0.000062	0.000166	0.0221	<0.002	
3	CA10094-OCT15	21-Oct-15	4250	3650	8.02	<2	47	333	84	20.3	5	0.14	<0.00001	0.000005	0.007	16.1	0.0344	<0.000007	0.106	<0.000007	<0.000003	0.00173	0.00029	0.00079	<0.007	36.4	0.00427	11.3	0.0159	0.00182	7.11	0.0476	0.027	0.00003	0.129	0.00129	0.255	0.00005	0.00010	0.000076	0.000160	0.0204	<0.002	
4	CA10142-OCT15	28-Oct-15	4250	3882	8.15	<2	48	295	67	19.3	2	0.13	<0.00001	<0.000002	0.007	16.3	0.0373	<0.000007	0.0930	<0.000007	0.000004	0.00134	0.00033	0.00079	0.037	33.2	0.00438	8.09	0.0130	0.00153	4.97	0.0362	<0.003	<0.00001	0.142	0.00213	0.260	<0.00001	0.00033	0.000034	0.000165	0.0218	<0.002	
5	CA10022-NOV15	4-Nov-15	4250	4016	8.12	<2	44	243	53	14.3	2	0.11	<0.00001	<0.000002	0.009	13.4	0.0297	<0.000007	0.0548	<0.000007	<0.000003	0.00107	0.00026	0.00044	<0.007	27.5	0.00257	8.07	0.0101	0.00331	3.54	0.0283	<0.003	0.00001	0.127	0.00081	0.178	0.00006	0.00008	0.000064	0.000140	0.0210	<0.002	
6	CA10052-NOV15	11-Nov-15	4250	4024	8.05	<2	42	190	43	14.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
7	CA10083-NOV15	18-Nov-15	4250	3782	8.14	<2	45	174	31	11.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
8	CA10114-NOV15	25-Nov-15	4250	3790	7.97	<2	36	157	29	11.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
9	CA10022-DEC15	2-Dec-15	4250	3742	8.00	<2	41	152	28	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
10	CA10057-DEC15	9-Dec-15	4250	4039	8.13	<2	38	157	26	11.3	<1	0.09	<0.00001	0.000013	0.012	9.02	0.0261	0.000009	0.0316	<0.000009	0.000021	0.000534	0.00024	0.00015	<0.009	16.8	0.00289	4.74	0.00765	0.00182	1.12	0.0086	<0.003	<0.00001	0.0880	0.00075	0.118	0.00009	0.00017	0.000042	0.000098	0.0194	<0.002	
11	CA10094-DEC15	16-Dec-15	4250	3930	8.14	<2	35	130	22	9.47	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	CA10130-DEC15	23-Dec-15	4250	3978	8.08	<2	36	136	22	10.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
13	CA10163-DEC15	30-Dec-15	4250	3930	8.06	<2	36	137	23	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
14	CA10025-JAN16	6-Jan-16	4250	3936	7.96	<2	34	136	21	9.58	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
15	CA10062-JAN16	13-Jan-16	4250	4062	8.00	<2	35	134	20	9.54	<1	0.07	<0.00001	<0.000002	0.010	6.63	0.0230	<0.000007	0.0176	<0.000007	<0.000003	0.000494	0.00014	0.00010	0.008	13.8	0.00246	3.40	0.00725	0.00065	0.83	0.0056	<0.003	<0.00001	0.0635	0.00051	0.0939	0.00003	0.00007	0.000038	0.000073	0.0142	<0.002	
16	CA10103-JAN16	20-Jan-16	4250	3949	8.07	<2	36	112	19	9.39	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	CA10146-JAN16	27-Jan-16	4250	3973	8.00	<2	34	116	19	9.29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
18	CA10026-FEB16	3-Feb-16	4250	3979	7.91	<2	33	122	18	8.72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
19	CA10070-FEB16	10-Feb-16	4250	3956	8.08	<2	33	123	19	9.30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
20	CA10111-FEB16	17-Feb-16	750	776	8.06	<2	64	236	42	19.8	<1	0.10	<0.00001	<0.000002	0.006	12.6	0.0560	<0.000007	0.026	<0.000007	<0.000003	0.000735	0.00011	0.00038	<0.007	20.5	0.00478	6.71	0.0161	0.00072	0.59	0.0089	0.003	<0.00001	0.101	0.00061	0.177	0.00006	<0.00005	0.000055	0.0000216	0.0156	<0.002	
21	CA10155-FEB16	24-Feb-16	750	728	8.13	<2	69	280	49	25.3	<1	0.11	<0.00001	<0.000002	0.007	15.1	0.0704	<0.000007	0.028	<0.000007	<0.000003	0.00103	0.00012	0.00064	<0.007	27.8	0.00607	9.25	0.0212	0.00098	0.78	0.0126	0.008	<0.00001	0.127	0.00074	0.223	0.00002	<0.00005	0.000086	0.0000287	0.0199	<0.002	
22	CA10025-MAR16	3-Mar-16	750	737	7.51	<2	66	345	68	27.6	<1	0.12	<0.00001	<0.000002	0.006	18.1	0.0795	<0.000007	0.032	<0.000007	<0.000003	0.00115	0.00013	0.00028	<0.007	30.5	0.00627	10.3	0.0215	0.00082	0.88	0.0150	<0.003	<0.00001	0.140	0.00110	0.256	0.00001	<0.00005	0.000079	0.000197	0.0215	<0.002	
23	CA10061-MAR16	9-Mar-16	12000 / flooded	11497	8.12	<2	32	165	37	14.1	<1	0.06	<0.00001	<0.000002	0.010	7.40	0.0292	0.000013	0.019	<0.000007	0.000006	0.000796	0.00025	0.00055	0.057	17.9	0.00280	4.80	0.00983	0.00047	0.79	0.0095	<0.003	0.00005	0.0632	0.00070	0.118	<0.00001	0.00010	0.000077	0.000105	0.0161	0.002	
24	CA10098-MAR16	16-Mar-16	4250	4303	8.00	<2	36	135	24	11.8	<1	0.07	<0.00001	0.000002	0.011	7.11	0.0264	<0.000007	0.017	<0.000007	<0.000003	0.000629	0.00017	0.00018	0.011	15.2	0.00270	3.81	0.00964	0.00024	0.50	0.0059	<0.003	0.00004	0.0571	0.00051	0.107	<0.00001	0.00028	0.000039	0.000076	0.0145	<0.002	
25	CA10142-MAR16	23-Mar-16	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
27	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
28	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
29	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
30	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
31	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
32	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
33	---	---	4250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
34	---	---	4250	---	---	---																																						

Column Results	
Customer:	Agnico Eagle (Amaruq)
Project Manager:	Serge Ouellet
SGS Contact:	Brian Graham
Humidity Cell:	Large Column #2 Ultramafic (Oa_alt)
Weight:	40kg
Cell Type	Wasterock

Column Results	
Customer:	Agnico Eagle (Amaruq)
Project Manager:	Serge Ouellet
SGS Contact:	Brian Graham
Humidity Cell:	Large Column #3 Greywacke (Inside Ore)
Weight:	45kg
Cell Type	Wasterock

Column Results	
Customer:	Agnico Eagle (Amaruq)
Project Manager:	Serge Ouellet
SGS Contact:	Brian Graham
Humidity Cell:	Large Column #4 Greywacke (Outside Ore)
Weight:	60kg
Cell Type	Wasterock

Column Results	
Customer:	Agnico Eagle (Amaruq)
Project Manager:	Serge Ouellet
SGS Contact:	Brian Graham
Humidity Cell:	Large Column #5 Ultramafic (Ob)
Weight:	26.4kg
Cell Type	Wasterock

Column Results	
Customer:	Agnico Eagle (Amaruq)
Project Manager:	Serge Ouellet
SGS Contact:	Brian Graham
Humidity Cell:	Large Column #6 Greywacks (S10e)
Weight:	28.8kg
Cell Type	Wasterock

Submerged Column Results
Customer: Agrico Eagle (Amaruq)
Project Manager: Serge Ouellet
SGS Contact: Brian Graham
Humidity Cell: Large Column #8 Whale Tail Submerged
Weight: 41.5kg (11 inches of material)
Column specs: Grey PVC, 13.5" ID and 36" height
Water Cover: 24"
Sample Location: Port 1 (bottom) - below rock/water interface via porous cup

			Total Metals																																											
Analyte			Leachate Volume Collected (mL)	pH	Conductivity	Alkalinity	Acidity	Fluoride	Chloride	Sulphate	Nitrite (as N)	Nitrate (as N)	Mercury	Silver	Aluminum	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Silicon	Tin	Titanium	Thallium	Uranium	Vanadium	Zinc		
Sample Event	LIMS	Sample Date	mL	units	uS/cm	mg/L as CaCO3	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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
Day 1	CA10073-JAN16	13-Jan-16	777	8.13	177	36	< 2	0.11	11	22	< 0.03	< 0.06	< 0.00001	0.000009	0.032	1.55	0.0026	< 0.000007	0.0504	0.000331	7.29	< 0.000003	0.000339	0.00102	0.00158	0.008	20.6	0.16	2.95	0.00111	0.0107	6.06	0.0112	0.019	0.00021	0.0451	0.00053	3.56	0.00031	0.0006	0.000008	0.000333	0.167	0.004		
Day 3	CA10074-JAN16	15-Jan-16	788	8.45	157	37	< 2	0.12	9	20	< 0.03	< 0.06	< 0.00001	0.000011	0.042	2.32	0.00748	< 0.000007	0.0668	< 0.000007	8.71	0.000011	0.000379	0.00091	0.00048	0.445	22.9	0.0196	3.91	0.00029	0.00097	5.05	0.0097	0.017	0.00054	0.0581	0.00054	4.36	0.00019	0.00048	< 0.000005	0.000562	0.5339	0.008		
Day 6	CA10076-JAN16	18-Jan-16	777	8.02	159	39	< 2	0.13	7	23	< 0.03	< 0.06	< 0.00001	0.000004	0.035	2.05	0.0110	< 0.000007	0.0551	< 0.000007	8.58	0.000005	0.000419	0.00076	0.00033	0.028	20.4	0.0115	3.52	0.00032	0.00308	4.31	0.0060	0.009	0.00039	0.0513	0.00051	4.33	0.00014	0.00039	0.000012	0.000688	0.023	< 0.002		
Day 10	CA10077-JAN16	22-Jan-16	770	7.96	150	37	< 2	0.13	5	21	< 0.03	< 0.06	< 0.00001	0.000004	0.037	2.00	0.0136	< 0.000007	0.0534	< 0.000007	8.93	0.000006	0.000501	0.00015	0.00062	0.010	19.0	0.00997	3.60	0.00279	0.00326	3.89	0.0053	0.008	0.00013	0.0502	0.00041	4.33	0.00007	0.00022	0.000013	0.000902	0.0207	0.013		
Day 15	CA10141-JAN16	27-Jan-16	725	7.95	135	39	< 2	0.15	4	20	< 0.03	< 0.06	< 0.00001	< 0.000002	0.038	1.99	0.0155	< 0.000007	0.052	< 0.000007	8.99	< 0.000003	0.000468	0.00012	0.00059	< 0.007	18.0	0.00855	3.53	0.00386	0.00282	3.60	0.0041	0.006	0.00007	0.0398	0.00034	4.13	0.00005	0.00011	< 0.000005	0.000771	0.0143	< 0.002		
Day 20	CA10000-FEB16	1-Feb-16	726	7.88	142	41	< 2	0.12	3	15	< 0.03	< 0.06	< 0.00001	< 0.000002	0.039	1.66	0.0159	< 0.000007	0.048	0.000009	8.72	< 0.000003	0.000447	0.00022	0.00017	0.010	16.6	0.00764	3.40	0.00489	0.00278	3.27	0.0038	0.004	0.00004	0.0225	0.00035	3.94	0.00006	0.00018	0.000008	0.000697	0.0114	< 0.002		
Day 27	CA10042-FEB16	8-Feb-16	788	8.01	146	43	< 2	0.12	3	18	< 0.03	< 0.06	< 0.00001	< 0.000002	0.043	1.51	0.0163	< 0.000007	0.047	< 0.000007	9.60	0.000004	0.000435	0.00028	< 0.00002	0.015	16.8	0.00734	3.38	0.00591	0.00291	3.14	0.0038	0.010	0.00003	0.0114	0.00020	3.93	0.00008	0.00042	< 0.000005	0.000695	0.0095	< 0.002		
Week 5	CA10107-FEB16	17-Feb-16	728	7.92	143	43	< 2	0.11	3	17	< 0.03	< 0.06	< 0.00001	< 0.000002	0.035	1.57	0.0181	< 0.000007	0.040	< 0.000007	10.2	0.000007	0.000450	0.00028	0.00010	0.010	16.0	0.00567	3.34	0.00683	0.00031	2.91	0.0041	0.007	0.00004	0.0096	0.00021	3.25	< 0.00001	0.00021	0.000006	0.000642	0.00846	< 0.002		
Week 7	CA10021-MAR16	2-Mar-16	707	8.17	156	46	< 2	0.11	2	16	< 0.03	< 0.06	< 0.00001	< 0.000002	0.039	1.60	0.0193	< 0.000007	0.045	< 0.000007	11.2	0.000008	0.000428	0.00014	0.00015	< 0.007	16.7	0.00523	3.79	0.00798	0.00037	3.13	0.0037	0.005	0.00002	0.0086	0.00013	3.72	0.00005	0.00007	< 0.000005	0.000759	0.00854	< 0.002		
Week 10	CA10153-MAR16	23-Mar-16	714	8.12	147	50	< 2	0.11	2	16	< 0.03	< 0.06	< 0.00001	< 0.000002	0.037	1.68	0.0191	< 0.000007	0.044	< 0.000007	11.4	0.000010	0.000453	0.00022	0.00006	< 0.007	17.0	0.00581	3.81	0.00901	0.00037	3.20	0.0034	0.007	0.00003	0.0092	0.00009	3.46	0.00003	0.00015	0.000007	0.00082	0.00793	< 0.002		
Week 15	CA10130-APR16	27-Apr-16	757	8.11	148	52	< 2	0.11	3	15	< 0.03	< 0.06	< 0.00001	0.000002	0.040	1.62	0.0214	< 0.000007	0.050	0.000007	12.7	0.000004	0.000458	0.00013	0.00018	0.022	17.5	0.00592	4.16	0.0101	0.00338	3.19	0.0035	0.007	0.00004	0.0103	0.00009	3.81	< 0.00010	0.00049	< 0.000005	0.00088	0.00837	< 0.002		
Week 20	CA10000-JUN16	1-Jun-16																																												

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Submerged Column Results
Customer: Agrico Eagle (Amaruq)
Project Manager: Serge Ouellet
SGS Contact: Brian Graham
Humidity Cell: Large Column #8 Whale Tail Submerged
Weight: 41.5kg (11 inches of material)
Column specs: Grey PVC, 13.5" ID and 36" height
Water Cover: 24"
Sample Location: Port 2 (middle) Duplicate

			Total Metals																																											
Analyte			Leachate Volume Collected (mL)	pH	Conductivity	Alkalinity	Acidity	Fluoride	Chloride	Sulphate	Nitrite (as N)	Nitrate (as N)	Mercury	Silver	Aluminum	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Silicon	Tin	Titanium	Thallium	Uranium	Vanadium	Zinc		
Sample Event	LIMS	Sample Date	mL	units	uS/cm	mg/L as CaCO3	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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
Day 1	CA10073-JAN16	13-Jan-16	776	7.02	14	5	< 2	< 0.06	< 1	1	< 0.03	< 0.06	< 0.00001	< 0.000002	0.146	0.0185	0.00288	< 0.000007	0.0019	< 0.000007	1.15	< 0.000003	0.00014	0.00658	0.00019	0.278	0.954	0.000283	0.379	0.0722	0.00007	0.19	0.0029	< 0.003	0.00004	0.0005	< 0.00004	0.47	0.00006	0.00737	< 0.000005	0.000007	0.00084	< 0.0002		
Day 3	CA10074-JAN16	15-Jan-16	752	7.19	16	6	< 2	< 0.06	< 1	2	< 0.03	< 0.06	< 0.00001	< 0.000002	0.079	0.0587	0.00378	< 0.000007	0.0072	< 0.000007	1.62	0.000004	0.000128	0.00345	0.00011	0.248	1.57	0.000289	0.365	0.0107	0.00016	0.25	0.0019	< 0.003	0.00013	0.0015	0.00005	0.37	0.00012	0.00391	< 0.000005	0.000005	0.00086	< 0.002		
Day 6	CA10076-JAN16	18-Jan-16	764	7.26	22	7	< 2	< 0.06	< 1	2	< 0.03	< 0.06	< 0.00001	< 0.000002	0.052	0.144	0.00441	< 0.000007	0.0035	< 0.000007	1.99	< 0.000003	0.000103	0.00193	0.00023	0.119	2.42	0.000281	0.439	0.00852	0.00009	0.34	0.0015	< 0.003	0.00006	0.0030	< 0.00004	0.47	0.00007	0.00218	0.000006	0.000009	0.00141	< 0.002		

			Dissolved Metals																																											
Analyte			---	---	---	---	---	---	---	---	---	---	---	Mercury	Silver	Aluminum	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Silicon	Ti	Titanium	Thallium	Uranium	Vanadium	Zinc	
Sample Event	LIMS	Sample Date	---	---	---	---	---	---	---	---	---	---	---	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Day 1	CA10073-JAN16	13-Jan-16	---	---	---	---	---	---	---	---	---	---	---	< 0.00001	< 0.000002	0.009	0.0197	0.00211	< 0.000007	0.0013	< 0.000007	1.08	< 0.000003	< 0.000004	0.00003	0.00003	< 0.007	0.916	0.00015	0.159	0.00508	0.00004	0.15	0.0004	< 0.003	< 0.00001	0.0006	< 0.00004	0.08	< 0.00001	0.00006	< 0.000005	0.000003	0.00036	< 0.002	
Day 3	CA10074-JAN16	15-Jan-16	---	---	---	---	---	---	---	---	---	---	---	< 0.00001	< 0.000002	0.012	0.0547	0.00313	< 0.000007	0.0042	< 0.000007	1.52	< 0.000003	0.000052	< 0.00003	< 0.00002	< 0.007	1.55	0.000197	0.257	0.00634	0.00022	0.24	0.0005	< 0.003	0.00005	0.0015	0.00055	0.16	0.00032	< 0.00005	< 0.000005	0.000004	0.00084	< 0.002	
Day 6	CA10076-JAN16	18-Jan-16	---	---	---	---	---	---	---	---	---	---	---	< 0.00001	< 0.000002	0.013	0.148	0.00391	< 0.000007	0.0041	< 0.000007	1.80	< 0.000003	0.000038	< 0.00003	0.00023	< 0.007	2.22	0.000203	0.347	0.00639	0.00011	0.32	0.0006	< 0.003	0.00003	0.0014	0.00011	0.30	< 0.00001	0.00007	< 0.000005	0.000001	0.00117	< 0.002	

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