

APPENDIX E.6

WASTE ROCK GEOCHEMISTRY ANALYTICAL SAMPLING RESULTS

TABLE E.6.1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - GEOCHEMISTRY SUMMARY STATISTICS
ANALYTICAL SAMPLING RESULTS - 2018

PAG	FIZZ RATING	NP	MPA	NNP	Ratio (NP:MNP)	C (%)*	S (%)*
		t CaCO ₃ /1000t	t CaCO ₃ /1000t	t CaCO ₃ /1000t			
COUNT	242	239	239	239	235	261	261
MIN	1.000	-5.00	6.60	-318.00	-0.150	0.005	0.210
MAX	1.000	22.00	321.90	11.00	1.980	1.190	10.300
MEAN	1.000	8.61	27.72	-19.13	0.658	0.046	0.892

NPAG	Fizz Rating	NP	MPA	NNP	Ratio (NP:MNP)	C (%)*	S (%)*
		t CaCO ₃ /1000t	t CaCO ₃ /1000t	t CaCO ₃ /1000t			
COUNT	10	10	10	10	10	1266	1277
MIN	1.000	2.00	6.30	-4.00	0.3	0.005	0.003
MAX	1.000	23.00	7.50	17.00	3.7	11.900	0.240
MEAN	1.000	14.70	6.60	8.30	2.222	0.073	0.040

Notes:

*Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

TABLE E.6.2

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - PAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600001	1214	1	10	13.4	-3	0.74	0.01	0.43	7914461.9	563243.74	610.611	10.611	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600001	1307	1	9	12.8	-4	0.7	0.12	0.41	7914447.9	563223.49	610.234	10.234	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600001	1406	1	7	8.4	-1	0.83	0.14	0.27	7914447.7	563218.66	610.163	10.163	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600001	1507	1	16	8.8	7	1.83	0.29	0.28	7914452.6	563218.8	610.29	10.29	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600001	1604	1	8	19.1	-11	0.42	0.21	0.61	7914448	563208.95	609.797	9.797	ORE: MAGNETITE	PAG
2018	Pit	600	N600001	1610	1	5	7.5	-3	0.67	0.03	0.24	7914462.9	563224.02	610.242	10.242	ORE: WASTE	PAG
2018	Pit	600	N600001	1612	1	14	9.4	5	1.49	0.01	0.3	7914467.4	563229.45	610.202	10.202	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600001	1717	1	18	13.4	5	1.34	0.01	0.43	7914482	563239.84	610.285	10.285	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600001	1719	1	21	11.3	10	1.87	0.01	0.36	7914486.7	563245.09	610.268	10.268	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600001	1721	1	14	52.2	-38	0.27	0.01	1.67	7914491.4	563249.85	610.142	10.142	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600001	1814	1	20	17.2	3	1.16	0.01	0.55	7914476.8	563229.6	610.17	10.17	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600001	1816	1	20	22.8	-3	0.88	0.04	0.73	7914481.8	563234.71	610.418	10.418	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600003	1206	1	4	6.9	-3	0.58	0.24	0.22	7914489.2	563209.96	609.864	9.864	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600003	1501	1	0	18.1	-18	-	0.01	0.58	7914514.1	563217.71	610.244	10.244	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	PAG
2018	Pit	600	N600005	1111	1	9	10.6	-2	0.85	0.02	0.34	7914494.2	563260.72	609.182	9.182	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600005	1310	1	11	10	1	1.1	0.01	0.32	7914502.9	563263.57	609.489	9.489	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600005	1409	1	15	42.8	-28	0.35	0.01	1.37	7914508.9	563263.38	609.772	9.772	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600005	1411	1	13	12.8	0	1.01	0.01	0.41	7914502.7	563269.24	609.357	9.357	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600007	1006	-	-	-	-	-	0.01	1.085	7914518.4	563262.23	609.978	9.978	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600007	1008	-	-	-	-	-	0.01	0.408	7914514.3	563268.59	609.95	9.95	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600007	1107	-	-	-	-	-	0.01	0.408	7914517.3	563268.15	610.041	10.041	WASTE/ORE: RED CLAY ALTERATION/HEMATITE	PAG
2018	Pit	600	N600007	1109	-	-	-	-	-	0.01	0.4	7914512.1	563274.92	609.981	9.981	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600007	1206	-	-	-	-	-	0.02	0.291	7914523.3	563266.95	610.001	10.001	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600007	1309	-	-	-	-	-	0.01	2.23	7914517.2	563279.88	609.995	9.995	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600007	1408	-	-	-	-	-	0.01	0.289	7914522.8	563279.51	610.106	10.106	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600007	1507	-	-	-	-	-	1.19	0.352	7914528.4	563278.94	610.069	10.069	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600007	1606	-	-	-	-	-	0.58	1.275	7914534.6	563278.38	610.036	10.036	ORE: MAGNETITE	PAG
2018	Pit	600	N600007	1707	-	-	-	-	-	0.02	0.253	7914534.5	563284.2	610.275	10.275	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600009	1613	1	22	11.3	11	1.96	0.01	0.36	7914539.6	563328.27	609.864	9.864	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600011	1607	1	11	10	1	1.1	0.01	0.32	7914577.3	563326.6	609.65	9.65	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600011	1609	1	20	18.1	2	1.1	0.01	0.58	7914571.1	563333.24	609.758	9.758	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600013	1007	1	6	9.7	-4	0.62	0.01	0.31	7914589.6	563328.55	610.183	10.183	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600013	1406	1	6	58.1	-52	0.1	0.01	1.86	7914599.2	563341.53	609.944	9.944	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	600	N600013	1606	1	9	36.9	-28	0.24	0.01	1.18	7914604.3	563347.31	610.14	10.14	-	PAG
2018	Pit	600	N600013	1806	1	7	13.4	-6	0.52	0.01	0.43	7914609.8	563352.79	609.98	9.98	-	PAG
2018	Pit	600	N600013	1808	1	8	8.1	0	0.98	0.01	0.26	7914604.1	563358.49	610.118	10.118	-	PAG
2018	Pit	600	N600015	1010	1	8	8.4	0	0.95	0.01	0.27	7914609.3	563361.61	609.575	9.575	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1107	1	7	39.1	-32	0.18	0.01	1.25	7914614.5	563361.91	609.753	9.753	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1210	1	5	18.1	-13	0.28	0.01	0.58	7914608.1	563374.47	609.646	9.646	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1307	1	10	11.6	-2	0.86	0.01	0.37	7914620.2	563367.28	609.935	9.935	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1309	1	1	14.7	-14	0.07	0.01	0.47	7914614	563373.8	609.842	9.842	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1406	1	-	-	-	-	0.01	2.76	7914612.6	563354.03	610.1245	10.1245	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1507	1	-	-	-	-	0.02	0.31	7914625.8	563372.55	610.178	10.178	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600015	1513	1	-	-	-	-	0.01	0.25	7914607.5	563392.15	609.382	9.382	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600017	1011	-	-	-	-	-	0.11	0.32	7914558.9	563256.28	610.37	10.37	ORE: MAGNETITE/HEM	PAG
2018	Pit	600	N600017	1112	-	-	-	-	-	0.16	2.03	7914558.3	563249.93	610.463	10.463	WASTE/ORE: CHLORITE SCHIST/HEMATITE	PAG
2018	Pit	600	N600017	1201	-	-	-	-	-	0.01	1.23	7914599.8	563286.44	609.948	9.948	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600017	1209	-	-	-	-	-	0.01	3.53	7914571.9	563257.72	610.42	10.42	WASTE/ORE: CHLORITE SCHIST/MAGNETITE/HEMATITE	PAG
2018	Pit	600	N600019	1008	1	12	27.8	-16	0.43	0.01	0.813	7914642.6	563312.87	610.034	10.034	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600019	1107	1	16	9.7	6	1.65	0.01	0.315	7914634	563312.55	610.373	10.373	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600019	1206	1	16	75.6	-60	0.21	0.01	2.08	7914628.9	563313.9	610.3	10.3	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600019	1208	1	10	64.7	-55	0.15	0.01	1.745	7914636.7	563320.25	610.136	10.136	WASTE/ORE: CHLORITE SCHIST/MAGNETITE/HEMATITE	PAG
2018	Pit	600	N600019	1307	1	13	16.6	-4	0.78	0.01	0.521	7914631.5	563321.89	610.208	10.208	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600019	204	1	17	16.9	0	1.01	0.01	0.491	7914628.4	563292.99	610.456	10.456	WASTE: CHLORITE SCHIST	PAG

TABLE E.6.2

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DEPOSIT NO. 1 WASTE ROCK - PAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600019	206	1	12	13.4	-1	0.89	0.01	0.396	7914634.2	563297.53	610.528	10.528	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600019	305	1	-2	95.9	-98	-0.02	0.01	2.67	7914634.4	563301.76	610.693	10.693	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600021	1113	1	12	8.4	4	1.42	0.01	0.27	7914622.5	563260.52	610.159	10.159	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600031	1003	1	-1	18.8	-20	-0.05	0.17	0.6	7914447.9	563181.71	610.144	10.144	ORE:MAGNETITE/HEM	PAG
2018	Pit	600	N600031	1004	1	4	9.4	-5	0.43	0.01	0.3	7914444.2	563184.01	610.02	10.02	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600031	1106	1	7	35	-28	0.2	0.3	1.12	7914444.6	563179.14	609.988	9.988	WASTE/ORE: CHLORITE SCHIST/HEMATITE	PAG
2018	Pit	600	N600039	1000	1	2	39.7	-38	0.05	0.01	1.27	7914665.5	563338.68	610.904	10.904	WASTE	PAG
2018	Pit	600	N600039	1111	1	9	10.6	-2	0.85	0.01	0.34	7914631.6	563379.35	610.226	10.226	WASTE	PAG
2018	Pit	600	N600039	1210	1	4	16.6	-13	0.24	0.01	0.53	7914634.4	563380.8	610.002	10.002	WASTE	PAG
2018	Pit	600	N600041	1008	1	6	72.8	-67	0.08	0.01	2.33	7914656.2	563393.6	609.69	9.69	ORE:WASTE	PAG
2018	Pit	600	N600041	1208	1	6	8.8	-3	0.69	0.01	0.28	7914660.7	563399.84	609.738	9.738	WASTE	PAG
2018	Pit	600	N600041	1307	1	9	8.1	1	1.11	0.01	0.26	7914666.4	563400.62	609.803	9.803	WASTE	PAG
2018	Pit	600	N600041	1509	1	9	9.1	0	0.99	0.01	0.29	7914661.9	563416.92	609.332	9.332	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600043	1109	1	13	17.5	-5	0.74	0.01	0.56	7914674.6	563427.21	609.659	9.659	WASTE	PAG
2018	Pit	600	N600043	1406	1	12	21.9	-10	0.55	0.01	0.7	7914693.3	563427.12	610.129	10.129	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600043	1408	1	12	11.3	1	1.07	0.35	0.36	7914686.1	563434.15	610.307	10.307	WASTE	PAG
2018	Pit	600	N600043	1507	1	10	11.3	-1	0.89	0.05	0.36	7914691.9	563434.34	610.454	10.454	WASTE	PAG
2018	Pit	600	N600043	1510	1	12	7.8	4	1.54	0.11	0.25	7914682.6	563443.62	610.344	10.344	ORE:WASTE	PAG
2018	Pit	600	N600043	1604	1	8	6.9	1	1.16	0.01	0.22	7914706.1	563426.82	610.26	10.26	WASTE	PAG
2018	Pit	600	N600043	1606	1	11	10.6	0	1.04	0.01	0.34	7914698.8	563433.48	610.282	10.282	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600043	1608	1	11	28.4	-17	0.39	0.22	0.91	7914691.8	563440.41	610.502	10.502	WASTE	PAG
2018	Pit	600	N600043	1610	1	11	18.4	-7	0.6	0.04	0.59	7914685.2	563446.62	610.518	10.518	WASTE	PAG
2018	Pit	600	N600045	1206	1	4	6.6	-3	0.61	0.01	0.21	7914392.6	563148.13	610.596	10.596	ORE:HEMATITE/MAG	PAG
2018	Pit	600	N600045	1307	1	-1	6.9	-8	-0.15	0.4	0.22	7914386.2	563148.29	610.523	10.523	WASTE/ORE: CHLORITE SCHIST/HEMATITE/MAGNETITE	PAG
2018	Pit	600	N600045	1704	1	-2	73.8	-76	-0.03	0.02	2.36	7914369.5	563140.26	610.203	10.203	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1004	1	5	106.6	-102	0.05	0.01	3.41	7914702	563440.26	610.641	10.641	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1006	1	17	48.4	-31	0.35	0.01	1.55	7914708.8	563434	610.877	10.877	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1103	1	12	18.4	-6	0.65	0.01	0.59	7914700.9	563446.3	610.782	10.782	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1107	1	5	79.4	-74	0.06	0.01	2.54	7914714.3	563434.12	610.938	10.938	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1206	1	8	26.3	-18	0.3	0.01	0.84	7914713.9	563439.85	610.791	10.791	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1307	1	4	77.2	-73	0.05	0.02	2.47	7914720.2	563440.14	610.767	10.767	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600047	1402	1	7	9.4	-2	0.75	0.01	0.3	7914705.9	563458.27	610.274	10.274	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600047	1404	1	6	167.2	-161	0.04	0.01	5.35	7914712.6	563452.53	610.8	10.8	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1408	1	2	72.8	-71	0.03	0.01	2.33	7914727.2	563439.52	610.792	10.792	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600047	1412	1	9	11.3	-2	0.8	0.01	0.36	7914740.3	563428	610.542	10.542	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	1507	1	8	13.4	-5	0.6	0.01	0.43	7914726.3	563446.66	611.092	11.092	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600047	206	1	5	21.6	-17	0.23	0.01	0.69	7914748.5	563425.47	610.495	10.495	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600055	1004	1	6	70.6	-65	0.08	0.01	2.26	7914741.3	563443.33	610.609	10.609	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1103	1	5	96.9	-92	0.05	0.01	3.1	7914746.9	563443.31	610.408	10.408	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600055	1115	1	8	39.4	-31	0.2	0.01	1.26	7914708.6	563479.09	610.313	10.313	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1202	1	4	32.8	-29	0.12	0.01	1.05	7914753.2	563442.62	610.204	10.204	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1203	1	6	65.9	-60	0.09	0.01	2.11	7914750.1	563446.29	610.55	10.55	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600055	1214	1	14	15.6	-2	0.9	0.02	0.5	7914715	563478.74	610.552	10.552	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1302	1	9	31.9	-23	0.28	0.02	1.02	7914756.3	563445.11	610.224	10.224	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1303	1	9	52.8	-44	0.17	0.01	1.69	7914753	563448.85	610.491	10.491	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600055	1314	1	8	12.8	-5	0.62	0.01	0.41	7914718.5	563482.49	610.478	10.478	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1406	1	8	25.3	-17	0.32	0.01	0.81	7914747	563461.93	610.626	10.626	ORE:MAGNETITE	PAG
2018	Pit	600	N600055	1413	1	10	9.4	1	1.07	0.01	0.3	7914725	563482.93	610.35	10.35	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1513	1	14	10.3	4	1.36	0.01	0.33	7914727.8	563485.89	610.238	10.238	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1610	1	19	26.6	-8	0.72	0.01	0.85	7914739.7	563480.69	610.652	10.652	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1611	1	20	15.3	5	1.31	0.01	0.49	7914737.9	563482.92	610.63	10.63	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	1613	1	18	9.7	8	1.86	0.01	0.31	7914731.4	563489.72	610.303	10.303	WASTE: CHLORITE SCHIST	PAG
2018	Pit	600	N600055	203	1	7	22.8	-16	0.31	0.02	0.73	7914759.8	563438.24	610.182	10.182	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600055	205	1	7	34.1	-27	0.21	0.03	1.09	7914764.8	563443.59	610.419	10.419	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG

TABLE E.6.2

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - PAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600055	303	1	4	41.9	-38	0.1	0.02	1.34	7914760.6	563443.52	610.196	10.196	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600055	304	1	6	118.4	-112	0.05	0.12	3.79	7914763.5	563446.74	610.447	10.447	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600057	200	1	15	9.4	6	1.6	0.01	0.3	7914775.5	563455.65	610.237	10.237	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	600	N600057	206	1	22	26.9	-5	0.82	0.01	0.86	7914786.7	563468.01	600	0	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610001	1103	1	19	60.3	-41	0.32	0.02	1.93	7914505.4	563267.91	619.673	9.673	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610001	1205	1	10	7.5	3	1.33	0.01	0.24	7914505.8	563261.81	619.814	9.814	WASTE	PAG
2018	Pit	610	N610001	1209	1	14	9.1	5	1.54	0.01	0.29	7914494.1	563248.81	619.611	9.611	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610001	1211	1	15	7.8	7	1.92	0.01	0.25	7914488.1	563242.42	619.737	9.737	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610001	1302	1	8	16.3	-8	0.49	0.01	0.52	7914515.1	563265.82	619.936	9.936	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610001	1306	1	13	26.3	-13	0.5	0.02	0.84	7914503	563252.54	619.902	9.902	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610001	1308	1	5	28.4	-23	0.18	0.01	0.91	7914497.1	563246.24	619.81	9.81	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610001	1310	1	5	42.5	-38	0.12	0.59	1.36	7914491.4	563239.39	619.803	9.803	ORE:WASTE	PAG
2018	Pit	610	N610001	1404	1	11	48.4	-37	0.23	0.01	1.55	7914512.3	563256.09	619.945	9.945	WASTE	PAG
2018	Pit	610	N610001	1502	1	7	7.5	-1	0.93	0.02	0.24	7914521.6	563260.03	619.933	9.933	WASTE	PAG
2018	Pit	610	N610001	1509	1	5	21.6	-17	0.23	0.21	0.69	7914503.7	563240.21	619.794	9.794	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610002	1111	1	7	8.8	-2	0.8	0.03	0.28	7914563.7	563302.07	622.188	12.188	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610003	1005	1	10	9.4	1	1.07	0.09	0.3	7914458.8	563222.13	619.881	9.881	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610003	1006	1	7	10.9	-4	0.64	0.17	0.35	7914456.4	563219.31	619.876	9.876	WASTE	PAG
2018	Pit	610	N610003	1104	1	8	6.9	1	1.16	0.06	0.22	7914464.4	563222.73	620.07	10.07	WASTE	PAG
2018	Pit	610	N610003	1111	1	3	6.9	-4	0.44	0.18	0.22	7914444.9	563205.42	619.691	9.691	WASTE	PAG
2018	Pit	610	N610003	1209	1	2	7.5	-6	0.27	1.13	0.24	7914452.4	563206.63	619.787	9.787	ORE:HEMATITE/MAG	PAG
2018	Pit	610	N610003	1615	1	7	12.2	-5	0.57	0.03	0.39	7914446	563178.08	620.536	10.536	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610004	1008	1	11	10.9	0	1.01	0.27	0.35	7914491.6	563203.96	620.268	10.268	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610004	1203	1	4	13.8	-10	0.29	0.01	0.44	7914514.2	563215.95	620.341	10.341	ORE/WASTE: HEMATITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610004	1205	1	0	41.3	-41		0.1	1.32	7914506.6	563208.92	620.323	10.323	ORE:LIMONITE/HEMATITE	PAG
2018	Pit	610	N610004	1206	1	3	35.3	-32	0.08	0.01	1.13	7914503.2	563206.11	620.279	10.279	ORE/WASTE: HEMATITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610004	1207	1	6	30.9	-25	0.19	0.01	0.99	7914499	563202.56	620.346	10.346	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610004	1304	1	2	6.6	-5	0.3	0.01	0.21	7914511.5	563207.72	620.39	10.39	ORE:HEMATITE/MAG/SPEC	PAG
2018	Pit	610	N610006	1609	1	3	28.8	-26	0.1	0.14	0.92	7914544.4	563231.4	620.362	10.362	ORE/WASTE: HEMATITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610006	1613	1	-1	26.9	-28	-0.04	0.01	0.86	7914556.2	563243.96	620.357	10.357	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610006	1615	1	7	16.6	-10	0.42	0.16	0.53	7914562.6	563251.41	620.09	10.09	WASTE/ORE: CHLORITE SCHIST/HEMATITE	PAG
2018	Pit	610	N610006	1717	1	2	111.3	-109	0.02	0.01	3.56	7914574.5	563257.25	620.066	10.066	WASTE/ORE: CHLORITE SCHIST/HEMATITE	PAG
2018	Pit	610	N610006	1819	1	2	19.7	-18	0.1	0.08	0.63	7914586.7	563263.46	620.162	10.162	ORE:LIMONITE/MAGNETITE	PAG
2018	Pit	610	N610007	1409	1	-1	8.4	-9	-0.12	0.11	0.27	7914387.9	563146.46	620.17	10.17	ORE/WASTE: HEMATITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610009	1117	1	12	22.5	-11	0.53	0.01	0.72	7914611.1	563299.39	620.214	10.214	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610009	1519	1	5	12.2	-7	0.41	0.01	0.39	7914624.1	563299.41	620.367	10.367	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610009	1618	1	7	15.6	-9	0.45	0.01	0.5	7914604.5	563292.92	620.175	10.175	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610009	1701	1	2	103.1	-101	0.02	0.01	3.3	7914624.7	563344.95	620.065	10.065	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610009	1703	1	11	73.8	-63	0.15	0.02	2.36	7914618.5	563339.27	620.61	10.61	WASTE/ORE: CHLORITE SCHIST/HEMATITE	PAG
2018	Pit	610	N610009	1711	1	2	92.8	-91	0.02	0.01	2.97	7914650.7	563338.27	620.405	10.405	ORE:MAGNETITE/HEM	PAG
2018	Pit	610	N610009	1816	1	4	321.9	-318	0.01	0.01	10.3	7914663.8	563344.43	620.071	10.071	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610009	1818	1	0	266.3	-266	-	0.04	8.52	7914657	563338.02	620.257	10.257	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610013	1008	1	15	12.8	2	1.17	0.01	0.41	7914642.7	563309.63	620.736	10.736	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610013	1012	1	11	10.9	0	1.01	0.01	0.35	7914632.3	563296.15	620.742	10.742	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610013	1110	1	12	35	-23	0.34	0.01	1.12	7914639.5	563300.08	620.559	10.559	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610013	1111	1	9	78.1	-69	0.12	0.01	2.5	7914637.1	563297.6	620.608	10.608	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610013	1113	1	13	23.4	-10	0.55	0.01	0.75	7914634	563293.96	620.672	10.672	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610015	1109	1	3	112.5	-110	0.03	0.01	3.6	7914748.3	563360	620.129	10.129	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610015	1509	1	10	131.6	-122	0.08	0.02	4.21	7914738.7	563351.11	619.922	9.922	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610015	1709	1	5	124.1	-119	0.04	0.01	3.97	7914734.4	563347.08	620.007	10.007	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610019	1003	1	9	8.4	1	1.07	0.005	0.27	7914671.8	563348.34	620.1	10.1	WASTE/ORE: RED CLAY ALTERATION/MAGNETITE	PAG
2018	Pit	610	N610020	1025	1	6	10	-4	0.6	0.01	0.32	7914661.4	563394.94	619.868	9.868	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610020	1105	1	8	6.6	1	1.22	0.34	0.21	7914580.3	563325.62	619.721	9.721	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1106	1	10	12.5	-3	0.8	0.01	0.4	7914581.6	563328.43	619.894	9.894	WASTE: CHLORITE SCHIST/LIM	PAG

TABLE E.6.2

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - PAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	610	N610020	1111	1	15	7.8	7	1.92	0.01	0.25	7914601.4	563344.42	619.276	9.276	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1112	1	13	8.4	5	1.54	0.01	0.27	7914605.7	563347.4	619.347	9.347	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1113	1	12	11.6	0	1.04	0.01	0.37	7914609.5	563351.01	619.705	9.705	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1114	1	11	12.5	-2	0.88	0.01	0.4	7914613.2	563353.4	619.793	9.793	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1116	1	11	12.8	-2	0.86	0.01	0.41	7914620.1	563361.78	619.763	9.763	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1117	1	14	24.7	-11	0.57	0.01	0.79	7914623.4	563363.74	619.934	9.934	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1118	1	15	8.8	6	1.71	0.01	0.28	7914627.2	563367.77	620.133	10.133	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1126	1	6	18.8	-13	0.32	0.01	0.6	7914657.2	563393.29	619.633	9.633	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610020	1127	1	5	6.9	-2	0.73	0.01	0.22	7914661.1	563397.19	619.837	9.837	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610020	1211	1	13	8.8	4	1.49	0.01	0.28	7914597.5	563345.46	619.656	9.656	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1219	1	11	20	-9	0.55	0.01	0.64	7914627.1	563371.13	620.233	10.233	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1221	1	7	18.1	-11	0.39	0.01	0.58	7914634.5	563378.14	620.146	10.146	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1317	1	20	17.8	2	1.12	0.01	0.57	7914618.9	563369.08	619.8	9.8	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1415	1	12	10.3	2	1.16	0.01	0.33	7914614.2	563370.87	619.784	9.784	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610020	1516	1	4	12.2	-8	0.33	0.01	0.39	7914616.8	563379.36	619.733	9.733	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610020	1517	1	17	11.9	5	1.43	0.01	0.38	7914620.4	563382.56	619.833	9.833	ORE: MAGNETITE	PAG
2018	Pit	610	N610020	1614	1	13	6.6	6	1.98	0.01	0.21	7914604.8	563373.62	619.842	9.842	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610020	1624	1	15	14.7	0	1.02	0.01	0.47	7914641.2	563407.82	619.368	9.368	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610025	1100	1	9	10.3	-1	0.87	0.01	0.33	7914667.1	563432.06	619.527	9.527	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610025	1120	1	6	59.7	-54	0.1	0.01	1.91	7914709	563385.37	619.747	9.747	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610025	1502	1	8	20.9	-13	0.38	0.26	0.67	7914690.6	563435.47	619.877	9.877	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610025	1504	1	9	26.9	-18	0.33	0.01	0.86	7914696	563428.99	619.862	9.862	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610025	1506	1	7	13.4	-6	0.52	0.01	0.43	7914701.4	563423.02	619.977	9.977	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610027	1001	1	10	15.9	-6	0.63	0.16	0.51	7914690.8	563442.27	619.571	9.571	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610027	1005	1	9	18.8	-10	0.48	0.01	0.6	7914704.3	563427.68	619.723	9.723	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610027	1102	1	8	9.1	-1	0.88	0.01	0.29	7914697.4	563441.55	619.653	9.653	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610027	1300	1	10	8.8	1	1.14	0.01	0.28	7914693.8	563458.27	619.814	9.814	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610027	1304	1	13	7.8	5	1.66	0.01	0.25	7914707.1	563443.13	619.975	9.975	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610027	1306	1	10	25.9	-16	0.39	0.01	0.83	7914713.8	563435.75	620.126	10.126	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610027	1508	1	5	36.9	-32	0.14	0.01	1.18	7914726.8	563434.15	620.336	10.336	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610027	1603	1	12	6.9	5	1.75	0.01	0.22	7914713.1	563456.29	620.579	10.579	ORE/WASTE: MAGNETITE/GREEN SCHIST	PAG
2018	Pit	610	N610027	1607	1	7	32.2	-25	0.22	0.01	1.03	7914726.7	563440.51	620.457	10.457	WASTE: GREEN SCHIST	PAG
2018	Pit	610	N610028	1013	1	4	32.2	-28	0.12	0.01	1.03	7914731	563445.26	620.297	10.297	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610028	1015	1	0	66.3	-66	-	0.01	2.12	7914738.4	563437.81	620.171	10.171	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	610	N610028	1104	1	1	15	-14	0.07	0.01	0.48	7914703.7	563480.53	619.215	9.215	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	610	N610028	1114	1	1	43.8	-43	0.02	0.01	1.4	7914736.4	563442.89	620.096	10.096	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610028	1205	1	8	13.1	-5	0.61	0.02	0.42	7914710.3	563479.54	619.409	9.409	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610028	1209	1	9	20.3	-11	0.44	0.01	0.65	7914723.4	563464.45	620.047	10.047	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610028	1306	1	6	18.1	-12	0.33	0.01	0.58	7914716.8	563478.66	619.918	9.918	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610028	1607	1	14	7.2	7	1.95	0.01	0.23	7914729.8	563483.29	620.526	10.526	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610029	1009	1	7	13.4	-6	0.52	0.01	0.43	7914741.2	563480.23	620.418	10.418	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610029	1106	1	17	11.9	5	1.43	0.01	0.38	7914732.9	563493.19	620.373	10.373	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610029	1207	1	9	20	-11	0.45	0.01	0.64	7914739.1	563492.67	620.609	10.609	WASTE: CHLORITE SCHIST	PAG
2018	Pit	610	N610029	1209	1	17	15.9	1	1.07	0.01	0.51	7914746.5	563484.42	620.415	10.415	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	610	N610035	201	1	5	15.3	-10	0.33	0.01	0.49	7914733.6	563402.21	620.307	10.307	ORE: MAGNETITE	PAG
2018	Pit	610	N610035	204	1	7	14.7	-8	0.48	0.01	0.47	7914741.4	563410.27	620.374	10.374	ORE: MAGNETITE/HEM	PAG
2018	Pit	610	N610051	216	1	14	12.2	2	1.15	0.01	0.39	7914328	563036.58	620.096	10.096	WASTE	PAG
2018	Pit	610	N610051	218	1	18	14.7	3	1.23	0.01	0.47	7914321.3	563033.09	620.584	10.584	WASTE	PAG
2018	Pit	610	N610051	220	1	14	10.3	4	1.36	0.01	0.33	7914313.3	563029.84	620.537	10.537	WASTE	PAG
2018	Pit	610	N610051	224	1	11	10.6	0	1.04	0.02	0.34	7914301.5	563024.23	620.736	10.736	WASTE	PAG
2018	Pit	620	N620045	1002	1	10	13.1	-3	0.76	0.01	0.42	7914636.6	563352.66	630.179	10.179	WASTE: CHLORITE SCHIST	PAG
2018	Pit	620	N620045	1300	1	4	18.1	-14	0.22	0.01	0.58	7914621.7	563358.17	629.897	9.897	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620045	1400	1	14	11.6	2	1.21	0.01	0.37	7914619.2	563362.07	629.684	9.684	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620045	1401	1	12	9.4	3	1.28	0.01	0.3	7914621.8	563364.45	629.916	9.916	WASTE: CHLORITE SCHIST/LIM	PAG

TABLE E.6.2

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - PAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	620	N620045	1402	1	14	9.4	5	1.49	0.01	0.3	7914625.6	563367.02	629.941	9.941	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620045	1410	1	10	7.5	3	1.33	0.01	0.24	7914660.8	563393.53	630.82	10.82	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620045	1411	1	6	8.1	-2	0.74	0.01	0.26	7914665.3	563396.39	630.892	10.892	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620050	1000	1	7	53.1	-46	0.13	0.01	1.7	7914733.7	563393.24	630.486	10.486	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620050	1008	1	2	12.5	-11	0.16	0.01	0.4	7914709.2	563423.89	630.541	10.541	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620050	1011	1	13	7.8	5	1.66	0.01	0.25	7914699.1	563436.38	630.498	10.498	WASTE: CHLORITE SCHIST	PAG
2018	Pit	620	N620050	1102	1	7	8.1	-1	0.86	0.01	0.26	7914732.7	563401.17	630.704	10.704	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	620	N620050	1108	1	10	27.8	-18	0.36	0.01	0.89	7914713.2	563426.33	630.48	10.48	WASTE: CHLORITE SCHIST	PAG
2018	Pit	620	N620050	1200	1	6	14.7	-9	0.41	0.01	0.47	7914741.6	563397.45	630.326	10.326	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620050	1201	1	10	6.9	3	1.45	0.01	0.22	7914738.2	563401.97	630.507	10.507	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620050	1207	1	8	34.7	-27	0.23	0.01	1.11	7914718	563427.51	630.756	10.756	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620050	1208	1	4	9.4	-5	0.43	0.01	0.3	7914714.8	563432.07	630.873	10.873	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620050	1210	1	9	7.5	2	1.2	0.01	0.24	7914708.9	563439.5	631.06	11.06	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620050	1307	1	-5	51.6	-57	-0.1	0.01	1.65	7914723.4	563428.58	630.518	10.518	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620050	908	1	1	12.2	-11	0.08	0.01	0.39	7914706.5	563422.19	630.563	10.563	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620052	1008	-	-	-	-	-	0.01	0.77	7914725.8	563435.95	629.806	9.806	ORE: WASTE	PAG
2018	Pit	620	N620052	1107	-	-	-	-	-	0.01	1.29	7914733.6	563433.13	630.059	10.059	ORE: WASTE	PAG
2018	Pit	620	N620052	1108	-	-	-	-	-	0.01	0.56	7914730.6	563436.64	630.132	10.132	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620052	1208	-	-	-	-	-	0.01	1.09	7914734.8	563437.11	629.87	9.87	WASTE	PAG
2018	Pit	620	N620052	1307	-	-	-	-	-	0.01	0.91	7914740.1	563438.05	629.913	9.913	ORE: WASTE	PAG
2018	Pit	620	N620054	1308	1	7	17.8	-11	0.39	0.01	0.57	7914750.3	563457.29	629.999	9.999	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620056	1200	1	14	18.4	-4	0.76	0.01	0.59	7914744.6	563484.43	629.286	9.286	WASTE: CHLORITE SCHIST	PAG
2018	Pit	620	N620058	1006	1	4	84.1	-80	0.05	0.01	2.69	7914772	563469.05	629.828	9.828	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	PAG
2018	Pit	620	N620058	1106	1	-1	27.5	-29	-0.04	0.01	0.88	7914777.4	563469.15	629.653	9.653	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620058	1207	1	-5	46.6	-52	-0.11	0.01	1.49	7914781.9	563469.66	629.813	9.813	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620058	1307	1	3	10.9	-8	0.27	0.01	0.35	7914786.9	563470.38	629.757	9.757	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	PAG
2018	Pit	620	N620062	1209	1	5	15.9	-11	0.31	0.02	0.51	7914821.9	563477.68	629.839	9.839	ORE: WASTE	PAG
2018	Pit	620	N620062	1310	1	8	22.5	-15	0.36	0.01	0.72	7914827.1	563478.17	629.843	9.843	ORE: WASTE	PAG
2018	Pit	620	N620069	2318	1	1	12.2	-11	0.08	0.42	0.39	7914303	563104.51	621.147	1.147	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	620	N620085	222	1	9	9.1	0	0.99	0.01	0.29	7914315.8	563026.71	630.611	10.611	WASTE: CHLORITE SCHIST	PAG
2018	Pit	620	N620085	316	1	13	6.6	6	1.98	0.01	0.21	7914318.5	563031.51	630.567	10.567	WASTE: CHLORITE SCHIST	PAG
2018	Pit	620	N620087	216	1	4	12.2	-8	0.33	0.09	0.39	7914301.7	563020.2	630.308	10.308	WASTE	PAG
2018	Pit	630	N630094	1006	1	6	71.3	-65	0.08	0.01	2.28	7914323.2	563023.85	640.084	10.084	WASTE: RED CLAY ALTERATION	PAG
2018	Pit	630	N630094	1113	1	1	15.9	-15	0.06	0.01	0.51	7914293.7	563006.15	640.232	10.232	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	PAG
2018	Pit	630	N630094	903	1	8	17.8	-10	0.45	0.03	0.57	7914335.1	563031.86	640.277	10.277	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	630	N630094	904	1	5	9.4	-4	0.53	0.01	0.3	7914331.7	563030.73	640.36	10.36	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	630	N630094	905	1	13	6.9	6	1.89	0.07	0.22	7914329.2	563029.33	640.336	10.336	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	630	N630094	906	1	11	16.3	-5	0.68	0.03	0.52	7914324.5	563028.38	640.286	10.286	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	630	N630094	907	1	8	21.3	-13	0.38	0.01	0.68	7914318.9	563026.67	640.35	10.35	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	630	N630094	908	1	8	8.8	-1	0.91	0.01	0.28	7914313.9	563023.72	640.51	10.51	WASTE: CHLORITE SCHIST/LIM	PAG
2018	Pit	660	N660061	1102	1	12	8.8	3	1.37	0.01	0.28	7914796.5	563233.32	667.335	7.335	WASTE: SILICIFIED GRANITE	PAG
2018	Pit	660	N660061	1301	1	9	6.6	2	1.37	0.01	0.21	7914791.4	563231.49	667.159	7.159	WASTE: SILICIFIED GRANITE	PAG
2018	Pit	660	N660062	1413	1	12	9.7	2	1.24	0.01	0.31	7914789.7	563263.65	667.615	7.615	WASTE: SILICIFIED GRANITE	PAG
2018	Pit	667	N667059	2603	1	6	16.9	-11	0.36	0.02	0.54	7914671.8	563144.55	674.685	7.685	WASTE: SILICIFIED GRANITE	PAG
2018	Pit	667	N667059	2803	1	5	10	-5	0.5	0.01	0.32	7914668.2	563141.42	674.773	7.773	WASTE: SILICIFIED GRANITE	PAG

Notes:

*Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	590	N590001	1100	-	-	-	-	-	0.01	0.01	7914594.1	563233.04	600.384	10.384	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	590	N590001	1403	-	-	-	-	-	0.01	0.01	7914580.5	563236.1	600.745	10.745	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600001	1000	-	-	-	-	-	0.01	0.01	7914422.6	563212.95	610.082	10.082	ORE:HEMATITE	NPAG
2018	Pit	600	N600001	1002	-	-	-	-	-	0.03	0.02	7914427.7	563217.97	609.873	9.873	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1004	-	-	-	-	-	0.14	0.03	7914433.3	563222.91	610.414	10.414	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1006	-	-	-	-	-	0.19	0.03	7914438	563227.87	610.353	10.353	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1012	-	-	-	-	-	0.04	0.05	7914452.9	563242.82	610.482	10.482	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1014	-	-	-	-	-	0.04	0.04	7914458.4	563246.82	610.739	10.739	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1016	-	-	-	-	-	0.03	0.04	7914462.6	563253.38	610.527	10.527	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1018	-	-	-	-	-	0.01	0.03	7914466.8	563258.79	610.225	10.225	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	600	N600001	1020	-	-	-	-	-	0.03	0.03	7914471.4	563263.87	610.513	10.513	ORE:WASTE	NPAG
2018	Pit	600	N600001	1101	-	-	-	-	-	0.01	0.03	7914428.2	563213.04	609.784	9.784	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1103	-	-	-	-	-	0.06	0.03	7914432.9	563218.73	609.929	9.929	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1105	-	-	-	-	-	0.1	0.03	7914438.2	563222.94	610.42	10.42	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1107	-	-	-	-	-	0.03	0.07	7914442.8	563228.16	610.418	10.418	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1109	-	-	-	-	-	0.3	0.03	7914447.4	563233.56	610.686	10.686	ORE:MAGNETITE	NPAG
2018	Pit	600	N600001	1111	-	-	-	-	-	0.03	0.03	7914452.2	563238.54	610.819	10.819	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1113	-	-	-	-	-	0.03	0.06	7914457.4	563242.89	610.409	10.409	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1115	-	-	-	-	-	0.11	0.05	7914462.4	563248.23	610.504	10.504	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1117	-	-	-	-	-	0.03	0.07	7914467.1	563253.44	610.288	10.288	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1119	-	-	-	-	-	0.02	0.09	7914472.2	563258.91	610.454	10.454	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1121	-	-	-	-	-	0.01	0.17	7914476.8	563264.09	610.559	10.559	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1200	-	-	-	-	-	0.01	0.04	7914428.1	563208.09	610.089	10.089	ORE:HEMATITE	NPAG
2018	Pit	600	N600001	1202	-	-	-	-	-	0.25	0.03	7914432.6	563213.51	609.686	9.686	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1204	-	-	-	-	-	0.18	0.03	7914438.1	563218.56	610.679	10.679	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1206	1	12	6.3	6	1.92	0.02	0.2	7914443.2	563223.4	610.524	10.524	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600001	1208	-	-	-	-	-	0.02	0.16	7914447.7	563228.7	610.265	10.265	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1210	-	-	-	-	-	0.01	0.04	7914452.4	563233.62	610.566	10.566	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1212	-	-	-	-	-	0.01	0.06	7914457.1	563238.97	610.509	10.509	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1213	-	-	-	-	-	0.01	0.07	7914459.4	563241.09	610.473	10.473	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1216	-	-	-	-	-	0.01	0.03	7914468	563247.81	610.502	10.502	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1218	-	-	-	-	-	0.01	0.01	7914472.1	563253.71	610.292	10.292	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1220	-	-	-	-	-	0.01	0.01	7914476.6	563259.22	610.606	10.606	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1301	-	-	-	-	-	0.05	0.02	7914433.1	563208.56	610.265	10.265	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600001	1303	-	-	-	-	-	0.06	0.03	7914438	563213.32	610.286	10.286	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1309	-	-	-	-	-	0.01	0.04	7914452.6	563228.67	610.373	10.373	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1311	-	-	-	-	-	0.01	0.01	7914456.9	563233.42	610.688	10.688	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1313	-	-	-	-	-	0.01	0.03	7914461.9	563238.8	610.412	10.412	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1314	-	-	-	-	-	0.01	0.06	7914464.5	563241.63	610.71	10.71	WASTE	NPAG
2018	Pit	600	N600001	1315	-	-	-	-	-	0.01	0.03	7914467	563243.95	610.911	10.911	ORE/WASTE: MAGNETITE/HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1317	-	-	-	-	-	0.01	0.01	7914472.2	563249.1	610.433	10.433	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1319	-	-	-	-	-	0.01	0.01	7914476.5	563254.53	610.642	10.642	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1321	-	-	-	-	-	0.01	0.01	7914481.4	563259.43	610.694	10.694	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1400	-	-	-	-	-	0.02	0.05	7914433.1	563203.3	609.93	9.93	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1402	-	-	-	-	-	0.05	0.15	7914438.1	563208.71	609.987	9.987	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1404	-	-	-	-	-	0.23	0.04	7914443.1	563213.59	609.893	9.893	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1408	-	-	-	-	-	0.01	0.13	7914452.6	563223.78	610.27	10.27	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1410	-	-	-	-	-	0.01	0.03	7914457.6	563228.88	610.306	10.306	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1411	-	-	-	-	-	0.01	0.04	7914459.6	563231.35	610.486	10.486	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1412	-	-	-	-	-	0.02	0.04	7914462	563234.3	610.233	10.233	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1414	-	-	-	-	-	0.01	0.01	7914466.5	563239.01	610.682	10.682	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1416	-	-	-	-	-	0.01	0.01	7914471.9	563244.23	610.552	10.552	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1418	-	-	-	-	-	0.01	0.01	7914476.7	563249.56	610.237	10.237	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1420	-	-	-	-	-	0.52	0.01	7914481.3	563254.79	610.399	10.399	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1501	-	-	-	-	-	0.01	0.02	7914438.2	563203.57	609.803	9.803	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600001	1509	-	-	-	-	-	0.01	0.15	7914457.5	563223.84	610.179	10.179	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1511	-	-	-	-	-	0.01	0.13	7914462.3	563229.15	610.363	10.363	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1515	-	-	-	-	-	0.01	0.01	7914471.6	563239.4	610.376	10.376	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1517	-	-	-	-	-	0.01	0.01	7914476.9	563244.49	610.583	10.583	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1519	-	-	-	-	-	0.01	0.08	7914481.5	563249.44	610.197	10.197	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1521	-	-	-	-	-	0.01	0.01	7914486.5	563254.64	610.157	10.157	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1600	-	-	-	-	-	0.08	0.08	7914437.7	563198.66	609.846	9.846	ORE: LIMONITE/HEMATITE	NPAG
2018	Pit	600	N600001	1608	-	-	-	-	-	0.33	0.17	7914457.5	563219.31	609.984	9.984	ORE: WASTE	NPAG
2018	Pit	600	N600001	1614	-	-	-	-	-	0.01	0.09	7914471.9	563234.29	610.396	10.396	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1616	-	-	-	-	-	0.01	0.06	7914476.8	563239.6	610.401	10.401	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1618	-	-	-	-	-	0.01	0.03	7914482	563244.92	610.236	10.236	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1620	-	-	-	-	-	0.01	0.14	7914486.5	563249.65	610.159	10.159	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1701	-	-	-	-	-	0.15	0.05	7914443.4	563198.58	609.99	9.99	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600001	1713	-	-	-	-	-	0.01	0.12	7914471.7	563229.04	610.306	10.306	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	1715	-	-	-	-	-	0.01	0.12	7914477	563234.35	610.362	10.362	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600001	903	-	-	-	-	-	0.16	0.03	7914428.4	563223.06	610.465	10.465	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600003	1202	-	-	-	-	-	0.01	0.01	7914502.6	563224.47	610.081	10.081	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600003	1212	-	-	-	-	-	0.01	0.03	7914468.7	563188.45	609.52	9.52	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600003	1301	-	-	-	-	-	0.01	0.04	7914507.7	563223.32	610.295	10.295	ORE: HEMATITE	NPAG
2018	Pit	600	N600003	1303	-	-	-	-	-	0.01	0.06	7914501	563216.43	610.293	10.293	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1113	-	-	-	-	-	0.01	0.1	7914487.4	563266.86	609.175	9.175	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1210	-	-	-	-	-	0.01	0.12	7914500.1	563260.73	609.385	9.385	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1212	-	-	-	-	-	0.02	0.15	7914493.6	563266.62	609.309	9.309	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1214	-	-	-	-	-	0.03	0.01	7914487.6	563272.3	609	9	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1312	-	-	-	-	-	0.07	0.05	7914496.7	563269.12	609.475	9.475	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1314	-	-	-	-	-	0.03	0.02	7914490.3	563275.29	608.963	8.963	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1316	-	-	-	-	-	0.61	0.02	7914484.1	563281.45	609.02	9.02	ORE: WASTE	NPAG
2018	Pit	600	N600005	1413	-	-	-	-	-	0.08	0.04	7914496	563276.24	609.002	9.002	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1512	-	-	-	-	-	0.03	0.02	7914502.1	563275.28	609.472	9.472	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600005	1514	-	-	-	-	-	0.03	0.06	7914496.1	563280.75	608.695	8.695	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1111	-	-	-	-	-	0.01	0.194	7914505.2	563281.06	609.641	9.641	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1208	-	-	-	-	-	0.01	0.164	7914517.3	563273.93	610.099	10.099	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1210	-	-	-	-	-	0.01	0.15	7914510.8	563280.53	609.847	9.847	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1214	-	-	-	-	-	-	0.094	7914497.9	563293.47	609.139	9.139	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1307	-	-	-	-	-	0.01	0.163	7914524	563273.98	610.131	10.131	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1311	-	-	-	-	-	0.06	0.145	7914510.7	563286.25	609.664	9.664	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1509	-	-	-	-	-	0.01	0.089	7914522.5	563285.14	609.89	9.89	ORE: HEMATITE/MAG	NPAG
2018	Pit	600	N600007	1610	-	-	-	-	-	0.01	0.09	7914522.6	563291.11	609.863	9.863	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1612	-	-	-	-	-	0.01	0.05	7914516.2	563297.92	609.572	9.572	ORE: MAGNETITE	NPAG
2018	Pit	600	N600007	1709	-	-	-	-	-	0.01	0.11	7914528.1	563290.82	610.106	10.106	ORE/WASTE: HEMATITE/MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600007	1713	-	-	-	-	-	0.01	0.016	7914515.9	563303.77	609.601	9.601	ORE: HEMATITE/MAG	NPAG
2018	Pit	600	N600009	1105	-	-	-	-	-	0.11	0.09	7914550.2	563288.49	609.882	9.882	ORE: MAGNETITE	NPAG
2018	Pit	600	N600009	1109	-	-	-	-	-	0.01	0.03	7914538.1	563301.51	610.11	10.11	ORE/WASTE: MAGNETITE/BIF	NPAG
2018	Pit	600	N600009	1111	-	-	-	-	-	0.01	0.01	7914532	563308.23	609.913	9.913	ORE: MAGNETITE	NPAG
2018	Pit	600	N600009	1206	-	-	-	-	-	0.01	0.1	7914550.1	563294.19	609.988	9.988	WASTE: GREEN SCHIST/CHLORITE SCHIST	NPAG
2018	Pit	600	N600009	1208	-	-	-	-	-	0.01	0.05	7914543.8	563301.05	610.264	10.264	ORE: HEMATITE/MAG	NPAG
2018	Pit	600	N600009	1210	-	-	-	-	-	0.01	0.02	7914537.6	563307.61	610.067	10.067	ORE: MAGNETITE	NPAG
2018	Pit	600	N600009	1313	-	-	-	-	-	0.01	0.03	7914531.3	563320.02	609.904	9.904	ORE: MAGNETITE	NPAG
2018	Pit	600	N600009	1315	-	-	-	-	-	0.01	0.03	7914525.9	563325.88	610.226	10.226	ORE: MAGNETITE	NPAG
2018	Pit	600	N600009	1506	-	-	-	-	-	0.01	0.11	7914558.3	563302.66	609.636	9.636	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600011	1006	1	22	7.2	15	3.06	0.01	0.23	7914564.3	563307.53	609.496	9.496	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600011	1007	-	-	-	-	-	0.01	0.09	7914560.5	563310.64	609.751	9.751	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	600	N600011	1010	-	-	-	-	-	0.01	0.01	7914550.9	563320.72	609.529	9.529	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1012	-	-	-	-	-	0.01	0.04	7914544.1	563327.94	609.645	9.645	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600011	1013	-	-	-	-	-	0.01	0.18	7914542.2	563330.08	609.809	9.809	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600011	1206	-	-	-	-	-	0.01	0.15	7914569.1	563312.3	609.402	9.402	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1207	-	-	-	-	-	0.01	0.16	7914566.1	563315.65	609.197	9.197	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1208	-	-	-	-	-	0.01	0.06	7914563	563319.04	609.459	9.459	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1211	-	-	-	-	-	0.01	0.06	7914553.9	563328.23	609.749	9.749	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1212	-	-	-	-	-	0.01	0.07	7914550.7	563332.23	609.838	9.838	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1508	1	18	6.6	11	2.74	0.01	0.21	7914571.4	563327.14	609.579	9.579	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1608	-	-	-	-	-	0.01	0.17	7914574.3	563329.8	609.479	9.479	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1610	-	-	-	-	-	0.01	0.05	7914568.1	563336.38	609.586	9.586	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600011	1612	-	-	-	-	-	0.01	0.04	7914562.1	563343.06	609.51	9.51	ORE: MAGNETITE	NPAG
2018	Pit	600	N600013	1215	-	-	-	-	-	0.01	0.06	7914566.1	563365.55	609.328	9.328	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600013	1216	-	-	-	-	-	0.01	0.1	7914563.6	563368.13	609.102	9.102	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600013	1415	-	-	-	-	-	0.01	0.03	7914572	563371.27	608.782	8.782		NPAG
2018	Pit	600	N600013	1416	-	-	-	-	-	0.01	0.08	7914569.9	563372.97	608.552	8.552	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600013	1417	-	-	-	-	-	0.01	0.19	7914567.6	563375.93	608.361	8.361		NPAG
2018	Pit	600	N600013	1607	-	-	-	-	-	0.01	0.15	7914601.8	563350.16	609.84	9.84		NPAG
2018	Pit	600	N600013	1608	-	-	-	-	-	0.01	0.1	7914598.4	563352.93	609.776	9.776	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600013	1616	-	-	-	-	-	0.01	0.19	7914575.2	563378.24	608.66	8.66	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600013	1812	-	-	-	-	-	0.01	0.05	7914592.1	563372.12	609.696	9.696	ORE: MAGNETITE	NPAG
2018	Pit	600	N600013	1813	-	-	-	-	-	0.01	0.05	7914588.9	563375.4	609.509	9.509	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1006	-	-	-	-	-	0.01	0.05	7914618.8	563351.3	609.854	9.854	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1020	-	-	-	-	-	0.01	0.04	7914585.5	563387.29	609.228	9.228	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1111	-	-	-	-	-	0.01	0.03	7914602.2	563375.14	609.289	9.289	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1115	-	-	-	-	-	0.01	0.03	7914589.9	563388.31	609.176	9.176	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600015	1212	-	-	-	-	-	0.01	0.05	7914602	563381.09	609.338	9.338	ORE: MAGNETITE/HEM	NPAG
2018	Pit	600	N600015	1216	-	-	-	-	-	0.01	0.03	7914589.7	563394.25	609.091	9.091	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1303	-	-	-	-	-	0.01	0.04	7914632.4	563354	609.549	9.549	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1315	-	-	-	-	-	0.01	0.05	7914595.8	563393.52	608.997	8.997	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600015	1404	-	-	-	-	-	0.01	0.06	7914632.1	563359.94	609.813	9.813	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1408	-	-	-	-	-	0.01	0.13	7914619.9	563373.24	609.946	9.946	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600015	1412	-	-	-	-	-	0.01	0.19	7914607.6	563386.5	609.473	9.473	ORE: LIMONITE/HEMATITE	NPAG
2018	Pit	600	N600015	1416	-	-	-	-	-	0.01	0.14	7914595.4	563399.57	608.83	8.83	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600015	1515	-	-	-	-	-	0.23	0.17	7914601.4	563398.84	608.854	8.854	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600019	1200	-	-	-	-	-	0.01	0.12	7914606.9	563296.08	610.073	10.073	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600019	1301	-	-	-	-	-	0.01	0.01	7914609.2	563303.12	610.306	10.306	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600021	1014	-	-	-	-	-	0.01	0.07	7914627.5	563258.73	609.889	9.889	ORE/WASTE: HEMATITE/MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600021	1103	-	-	-	-	-	0.01	0.01	7914585.3	563229.72	610.108	10.108	ORE: HEMATITE	NPAG
2018	Pit	600	N600021	1200	-	-	-	-	-	-	0.024	7914572	563221.96	610.508	10.508	ORE: HEMATITE	NPAG
2018	Pit	600	N600021	1214	1	15	6.9	8	2.18	0.01	0.22	7914622.6	563266.13	610.015	10.015	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600021	1303	-	-	-	-	-	0.01	0.01	7914579.2	563236.05	610.397	10.397	ORE: HEMATITE	NPAG
2018	Pit	600	N600023	1315	-	-	-	-	-	0.13	0.138	7914624.8	563272.73	610.078	10.078	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600023	1511	-	-	-	-	-	0.01	0.11	7914627.5	563285.48	610.42	10.42	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600029	210	-	-	-	-	-	0.1	0.05	7914509.2	563158.12	610.324	10.324	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	600	N600031	1005	-	-	-	-	-	0.01	0.09	7914440.3	563186.66	609.834	9.834	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1105	-	-	-	-	-	0.01	0.04	7914448.2	563176.38	610.045	10.045	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1107	-	-	-	-	-	0.01	0.09	7914441	563181.96	609.972	9.972	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1112	-	-	-	-	-	0.01	0.02	7914423.6	563196.47	610.171	10.171	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1113	-	-	-	-	-	0.01	0.04	7914420.1	563199.63	610.008	10.008	WASTE	NPAG
2018	Pit	600	N600031	1114	-	-	-	-	-	0.02	0.02	7914416.3	563202.59	609.816	9.816	WASTE	NPAG
2018	Pit	600	N600031	1115	-	-	-	-	-	0.03	0.01	7914413.1	563205.85	609.902	9.902	WASTE	NPAG
2018	Pit	600	N600031	1116	-	-	-	-	-	0.06	0.02	7914409.8	563208.75	609.58	9.58	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1207	-	-	-	-	-	0.01	0.09	7914440.7	563177.02	609.969	9.969	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1208	-	-	-	-	-	0.01	0.08	7914437.2	563179.79	609.953	9.953	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1212	-	-	-	-	-	0.06	0.04	7914423.1	563191.66	609.884	9.884	WASTE	NPAG
2018	Pit	600	N600031	1213	-	-	-	-	-	0.01	0.02	7914419.5	563194.72	609.922	9.922	WASTE	NPAG
2018	Pit	600	N600031	1214	-	-	-	-	-	0.01	0.02	7914416.3	563197.53	609.986	9.986	WASTE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600031	1215	-	-	-	-	-	0.01	0.02	7914412.6	563200.04	609.864	9.864	WASTE	NPAG
2018	Pit	600	N600031	1216	-	-	-	-	-	0.01	0.02	7914409.1	563203.54	609.87	9.87	WASTE	NPAG
2018	Pit	600	N600031	1217	-	-	-	-	-	0.01	0.02	7914406.1	563205.96	609.777	9.777	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1307	-	-	-	-	-	0.01	0.12	7914436.5	563174.79	609.914	9.914	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1313	-	-	-	-	-	0.01	0.02	7914415.9	563192.34	610.041	10.041	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1314	-	-	-	-	-	0.01	0.01	7914412.2	563195.28	609.792	9.792	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1315	-	-	-	-	-	0.01	0.02	7914408.8	563198.24	609.478	9.478	WASTE	NPAG
2018	Pit	600	N600031	1316	-	-	-	-	-	0.01	0.02	7914405.4	563201.17	609.641	9.641	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1317	-	-	-	-	-	0.02	0.02	7914402.8	563202.81	609.671	9.671	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1411	-	-	-	-	-	0.01	0.02	7914418.3	563184.12	609.846	9.846	ORE:WASTE	NPAG
2018	Pit	600	N600031	1412	-	-	-	-	-	0.01	0.02	7914414.5	563187.29	610.04	10.04	WASTE	NPAG
2018	Pit	600	N600031	1413	-	-	-	-	-	0.01	0.03	7914411.6	563190.16	609.82	9.82	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1414	-	-	-	-	-	0.01	0.01	7914407.9	563193.1	609.777	9.777	WASTE	NPAG
2018	Pit	600	N600031	1415	-	-	-	-	-	0.01	0.02	7914404.5	563196.04	609.564	9.564	WASTE	NPAG
2018	Pit	600	N600031	1416	-	-	-	-	-	0.01	0.02	7914401.1	563198.56	609.69	9.69	WASTE	NPAG
2018	Pit	600	N600031	1510	-	-	-	-	-	0.01	0.03	7914418.3	563178.8	609.883	9.883	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600031	1513	-	-	-	-	-	0.03	0.04	7914407.9	563187.68	609.867	9.867	WASTE	NPAG
2018	Pit	600	N600031	1514	-	-	-	-	-	0.01	0.03	7914404.2	563190.68	609.459	9.459	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	600	N600031	1515	-	-	-	-	-	0.01	0.02	7914401.2	563193.39	609.539	9.539	WASTE	NPAG
2018	Pit	600	N600031	1516	-	-	-	-	-	0.03	0.02	7914399	563195.27	609.487	9.487	WASTE	NPAG
2018	Pit	600	N600031	1615	-	-	-	-	-	0.01	0.02	7914396.9	563190.39	609.572	9.572	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	600	N600033	202	-	-	-	-	-	0.01	0.01	7914471.7	563136.5	611.428	11.428	WASTE	NPAG
2018	Pit	600	N600033	301	-	-	-	-	-	0.01	0.02	7914471.1	563139.29	611.428	11.428	WASTE	NPAG
2018	Pit	600	N600035	1200	-	-	-	-	-	0.01	0.04	7914409	563167.21	609.941	9.941	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600035	1301	-	-	-	-	-	0.63	0.13	7914409	563160.19	610.301	10.301	ORE/WASTE: MAGNETITE/HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600035	1400	-	-	-	-	-	0.07	0.05	7914403	563160.99	610.312	10.312	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600035	1509	-	-	-	-	-	0.01	0.05	7914414.1	563172.94	609.62	9.62	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1115	-	-	-	-	-	0.47	0.03	7914382.3	563178.49	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1212	-	-	-	-	-	0.2	0.03	7914395.3	563173.01	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1216	-	-	-	-	-	0.07	0.02	7914381.6	563184.75	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1315	-	-	-	-	-	0.02	0.01	7914387.4	563184.24	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1414	-	-	-	-	-	0.01	0.02	7914393.6	563184.68	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1416	-	-	-	-	-	0.02	0.01	7914387.2	563191.26	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1513	-	-	-	-	-	0.01	0.03	7914399.7	563184.73	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600037	1515	-	-	-	-	-	0.07	0.06	7914391.8	563189.69	-	-	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600041	1604	-	-	-	-	-	0.01	0.18	7914685.5	563400.57	609.994	9.994	WASTE	NPAG
2018	Pit	600	N600041	1606	-	-	-	-	-	0.07	0.11	7914678	563407.54	609.7	9.7	ORE:WASTE	NPAG
2018	Pit	600	N600043	1006	-	-	-	-	-	0.12	0.12	7914682.9	563413.78	610.08	10.08	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600043	1105	-	-	-	-	-	0.18	0.13	7914688.9	563413.82	609.913	9.913	ORE:WASTE	NPAG
2018	Pit	600	N600043	1206	-	-	-	-	-	0.01	0.19	7914687.6	563420.52	610.113	10.113	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600043	1505	-	-	-	-	-	0.03	0.1	7914699.5	563427.07	610.157	10.157	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600045	1002	-	-	-	-	-	11.9	0.036	7914384.3	563166.89	610.445	10.445	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1004	-	-	-	-	-	0.01	0.01	7914391.1	563160.95	610.077	10.077	WASTE	NPAG
2018	Pit	600	N600045	1006	-	-	-	-	-	0.07	0.14	7914399.3	563154.09	610.569	10.569	WASTE	NPAG
2018	Pit	600	N600045	1008	-	-	-	-	-	7.66	0.04	7914405.1	563149.02	610.634	10.634	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1010	-	-	-	-	-	1.89	0.014	7914410	563141.95	610.892	10.892	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1012	-	-	-	-	-	2.01	0.032	7914416.8	563136.76	610.931	10.931	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1103	-	-	-	-	-	2.01	0.017	7914384.8	563161.03	610.191	10.191	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1107	-	-	-	-	-	3.35	0.034	7914399	563148.56	610.6	10.6	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1109	-	-	-	-	-	3.6	0.013	7914405.5	563142.68	610.772	10.772	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1111	-	-	-	-	-	0.87	0.018	7914412.8	563136.97	610.715	10.715	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1113	-	-	-	-	-	1.44	0.02	7914418.1	563130.89	610.869	10.869	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1202	-	-	-	-	-	0.05	0.09	7914378.8	563160.7	609.822	9.822	WASTE	NPAG
2018	Pit	600	N600045	1208	-	-	-	-	-	3.88	0.028	7914400	563142.73	611.016	11.016	ORE:HEMATITE/MAG	NPAG
2018	Pit	600	N600045	1210	-	-	-	-	-	2.97	0.022	7914406.4	563135.98	610.891	10.891	ORE:HEMATITE/MAG	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	600	N600047	1105	1	14	6.3	8	2.24	0.01	0.2	7914707.6	563440.07	610.623	10.623	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600047	1200	-	-	-	-	-	0.01	0.19	7914694.3	563457.29	610.585	10.585	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600047	1406	-	-	-	-	-	0.02	0.15	7914719.4	563446.19	610.882	10.882	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600047	200	-	-	-	-	-	0.01	0.1	7914733.7	563408.99	610.332	10.332	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600047	205	-	-	-	-	-	0.01	0.19	7914745.9	563423.21	610.656	10.656	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600049	1202	-	-	-	-	-	0.01	0.02	7914435.3	563132.72	610.461	10.461	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	600	N600055	1014	-	-	-	-	-	0.01	0.04	7914709	563472.15	610.407	10.407	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1015	-	-	-	-	-	0.01	0.03	7914706.7	563474.21	610.426	10.426	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1102	-	-	-	-	-	0.01	0.09	7914750	563439.74	610.239	10.239	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1114	-	-	-	-	-	0.01	0.05	7914712.3	563475.07	610.454	10.454	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1213	-	-	-	-	-	0.01	0.04	7914718.4	563475.9	610.683	10.683	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1313	-	-	-	-	-	0.01	0.13	7914721.8	563479.45	610.712	10.712	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1412	-	-	-	-	-	0.01	0.15	7914728.1	563480.13	610.698	10.698	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1414	-	-	-	-	-	0.01	0.09	7914722	563485.74	610.299	10.299	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1507	1	23	6.3	17	3.68	0.02	0.2	7914747.1	563468.59	610.737	10.737	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600055	1512	-	-	-	-	-	0.01	0.03	7914731.4	563483.09	610.454	10.454	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1514	-	-	-	-	-	0.01	0.11	7914725.2	563489.39	610.14	10.14	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	1612	-	-	-	-	-	0.01	0.19	7914734.7	563486.59	610.4	10.4	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600055	202	-	-	-	-	-	0.01	0.06	7914757.1	563435.21	610.022	10.022	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600057	1002	-	-	-	-	-	0.01	0.19	7914745.3	563486.16	610.44	10.44	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600057	1101	-	-	-	-	-	0.01	0.08	7914746.5	563493.33	609.864	9.864	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	600	N600057	1103	-	-	-	-	-	0.01	0.03	7914751.8	563486.91	610.212	10.212	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600057	1210	-	-	-	-	-	0.01	0.16	7914775.8	563467.18	610.551	10.551	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600057	1301	-	-	-	-	-	0.01	0.04	7914752.3	563499.7	609.997	9.997	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	600	N600067	1806	-	-	-	-	-	0.02	0.01	7914330.5	563106.47	610.494	10.494	ORE:LIMONITE/HEMATITE	NPAG
2018	Pit	610	N610001	1002	-	-	-	-	-	0.01	0.02	7914505.2	563274.06	619.808	9.808	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1003	-	-	-	-	-	0.01	0.02	7914502.1	563270.45	619.876	9.876	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1004	-	-	-	-	-	0.03	0.01	7914499.4	563267.49	619.63	9.63	WASTE	NPAG
2018	Pit	610	N610001	1006	-	-	-	-	-	0.01	0.08	7914493.1	563261.16	619.442	9.442	WASTE	NPAG
2018	Pit	610	N610001	1008	-	-	-	-	-	0.01	0.06	7914487.5	563254.31	619.475	9.475	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1010	-	-	-	-	-	0.02	0.13	7914482.2	563247.73	619.81	9.81	WASTE	NPAG
2018	Pit	610	N610001	1012	-	-	-	-	-	0.01	0.01	7914476.1	563241.14	619.375	9.375	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1102	-	-	-	-	-	0.01	0.02	7914508.4	563271.59	619.817	9.817	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1104	-	-	-	-	-	0.11	0.16	7914502.2	563264.73	619.724	9.724	WASTE	NPAG
2018	Pit	610	N610001	1106	-	-	-	-	-	0.01	0.05	7914496.4	563258.18	619.232	9.232	WASTE	NPAG
2018	Pit	610	N610001	1108	-	-	-	-	-	0.01	0.02	7914490.5	563251.67	619.455	9.455	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1110	-	-	-	-	-	0.01	0.01	7914484.9	563245.44	619.575	9.575	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1112	-	-	-	-	-	0.02	0.08	7914479.5	563238.21	619.415	9.415	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1203	-	-	-	-	-	0.01	0.09	7914511	563268.2	619.942	9.942	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1207	-	-	-	-	-	0.01	0.12	7914499.9	563255.54	619.617	9.617	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1213	-	-	-	-	-	0.01	0.02	7914482.2	563235.69	619.726	9.726	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610001	1300	-	-	-	-	-	0.01	0.11	7914519.5	563271.4	619.711	9.711	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610001	1304	-	-	-	-	-	0.01	0.11	7914509	563259.1	619.958	9.958	WASTE	NPAG
2018	Pit	610	N610001	1400	-	-	-	-	-	0.01	0.05	7914523.4	563268.6	619.729	9.729	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610002	1010	-	-	-	-	-	0.43	0.17	7914560.7	563292.53	621.548	11.548	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1101	-	-	-	-	-	0.12	0.06	7914531.7	563271.38	619.872	9.872	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610002	1105	-	-	-	-	-	0.47	0.06	7914544.4	563283.51	620.481	10.481	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610002	1107	-	-	-	-	-	0.04	0.16	7914551.1	563289.7	620.993	10.993	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610002	1109	-	-	-	-	-	0.06	0.05	7914557.4	563296	621.554	11.554	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1200	-	-	-	-	-	0.01	0.04	7914525.4	563271.62	620.17	10.17	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610002	1202	-	-	-	-	-	0.01	0.05	7914532.4	563278.03	620.285	10.285	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1204	-	-	-	-	-	0.01	0.11	7914538.2	563283.68	620.377	10.377	WASTE/ORE: CHLORITE SCHIST/MAGNETITE/HEMATITE	NPAG
2018	Pit	610	N610002	1206	-	-	-	-	-	0.01	0.04	7914545.1	563289.78	620.839	10.839	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610002	1212	-	-	-	-	-	0.01	0.07	7914563.8	563307.75	622.466	12.466	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1301	-	-	-	-	-	0.01	0.06	7914525.6	563277.92	620.089	10.089	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	610	N610002	1307	-	-	-	-	-	0.01	0.03	7914545.1	563296.14	621.257	11.257	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610002	1311	-	-	-	-	-	0.01	0.06	7914557.8	563308.47	622.561	12.561	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1400	-	-	-	-	-	0.01	0.06	7914520	563278.62	619.984	9.984	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610002	1404	-	-	-	-	-	0.01	0.1	7914532.4	563290.4	620.413	10.413	ORE/WASTE: HEMATITE/MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1408	-	-	-	-	-	0.01	0.03	7914545.1	563302.23	621.298	11.298	ORE:HEMATITE	NPAG
2018	Pit	610	N610002	1503	-	-	-	-	-	0.01	0.07	7914526.1	563290.29	620.321	10.321	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1505	-	-	-	-	-	0.01	0.01	7914532.3	563296.4	620.683	10.683	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1507	-	-	-	-	-	0.01	0.01	7914539	563302.76	621.025	11.025	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1509	-	-	-	-	-	0.01	0.01	7914545.1	563308.56	621.64	11.64	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610002	1511	-	-	-	-	-	0.01	0.01	7914551.5	563314.54	622.188	12.188	ORE:MAGNETITE	NPAG
2018	Pit	610	N610002	1602	-	-	-	-	-	0.01	0.1	7914520	563290.9	620.33	10.33	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1606	-	-	-	-	-	0.01	0.01	7914532.6	563302.55	621.085	11.085	ORE:MAGNETITE	NPAG
2018	Pit	610	N610002	1608	-	-	-	-	-	0.01	0.01	7914538.9	563309.07	621.775	11.775	ORE:MAGNETITE	NPAG
2018	Pit	610	N610002	1612	-	-	-	-	-	0.01	0.01	7914551.9	563320.86	622.317	12.317	ORE:MAGNETITE	NPAG
2018	Pit	610	N610002	1701	-	-	-	-	-	0.01	0.07	7914514.8	563289.91	620.059	10.059	ORE/WASTE: HEMATITE/MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1703	-	-	-	-	-	0.02	0.01	7914520.4	563296.96	620.674	10.674	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610002	1708	-	-	-	-	-	0.01	0.01	7914536.1	563312.03	621.406	11.406	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1710	-	-	-	-	-	0.01	0.02	7914542.8	563317.64	621.88	11.88	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610002	1711	-	-	-	-	-	0.01	0.07	7914545.8	563320.75	622.292	12.292	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610002	1713	-	-	-	-	-	0.02	0.08	7914552	563326.97	622.478	12.478	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610003	1000	-	-	-	-	-	0.01	0.01	7914472	563236.35	619.268	9.268	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1001	-	-	-	-	-	0.02	0.01	7914469.3	563234.21	619.278	9.278	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1002	-	-	-	-	-	0.04	0.01	7914467.4	563231.81	619.397	9.397	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1003	-	-	-	-	-	0.06	0.01	7914464.7	563229.01	619.944	9.944	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1004	-	-	-	-	-	0.02	0.03	7914462.3	563225.31	620.1	10.1	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1012	-	-	-	-	-	0.02	0.01	7914436.4	563201.74	619.91	9.91	WASTE	NPAG
2018	Pit	610	N610003	1014	-	-	-	-	-	0.71	0.04	7914430.1	563196	619.923	9.923	ORE:HEMATITE/MAG/SPEC	NPAG
2018	Pit	610	N610003	1100	-	-	-	-	-	0.02	0.16	7914474.9	563232.22	619.535	9.535	WASTE	NPAG
2018	Pit	610	N610003	1102	-	-	-	-	-	0.07	0.06	7914470.1	563228.23	619.288	9.288	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1103	-	-	-	-	-	0.08	0.12	7914467.5	563225.76	620.053	10.053	WASTE	NPAG
2018	Pit	610	N610003	1106	-	-	-	-	-	0.24	0.08	7914458.1	563216.78	620.059	10.059	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1113	-	-	-	-	-	0.01	0.01	7914438.5	563199.27	619.816	9.816	WASTE	NPAG
2018	Pit	610	N610003	1200	-	-	-	-	-	0.02	0.11	7914477.7	563229.77	619.921	9.921	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1202	-	-	-	-	-	0.09	0.11	7914473.3	563225.28	619.674	9.674	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1203	-	-	-	-	-	0.49	0.03	7914470.7	563222.61	619.883	9.883	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1213	-	-	-	-	-	0.02	0.01	7914441.3	563196.32	620.058	10.058	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1408	-	-	-	-	-	0.25	0.01	7914459.8	563202.19	620.225	10.225	ORE:HEMATITE	NPAG
2018	Pit	610	N610003	1514	-	-	-	-	-	0.02	0.04	7914443.3	563180.85	620.446	10.446	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610003	1705	-	-	-	-	-	0.01	0.02	7914481.6	563204.18	619.995	9.995	ORE:HEMATITE	NPAG
2018	Pit	610	N610003	1713	-	-	-	-	-	0.01	0.11	7914455.2	563180.69	620.75	10.75	WASTE	NPAG
2018	Pit	610	N610004	1005	-	-	-	-	-	0.01	0.05	7914500.9	563214.83	620.206	10.206	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610004	1006	-	-	-	-	-	0.01	0.06	7914498.6	563211.19	620.219	10.219	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610004	1013	-	-	-	-	-	0.01	0.07	7914471.6	563188.37	620.323	10.323	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610004	1014	-	-	-	-	-	0.01	0.09	7914467.6	563185.57	620.594	10.594	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610004	1104	-	-	-	-	-	0.03	0.05	7914505.8	563213.4	620.13	10.13	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610004	1111	-	-	-	-	-	0.01	0.08	7914479.6	563190.84	620.336	10.336	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610004	1112	-	-	-	-	-	0.02	0.09	7914476.2	563187.47	620.627	10.627	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610005	1000	-	-	-	-	-	0.25	0.01	7914424.4	563191.73	619.793	9.793	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610005	1005	-	-	-	-	-	0.01	0.04	7914440.5	563174.19	620.421	10.421	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610005	1105	-	-	-	-	-	0.01	0.06	7914436.2	563173.66	620.388	10.388	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610005	1106	-	-	-	-	-	0.01	0.03	7914439.4	563169.87	620.468	10.468	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610005	1205	-	-	-	-	-	0.18	0.06	7914431.7	563172.25	620.426	10.426	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	610	N610005	1301	-	-	-	-	-	0.04	0.03	7914417.4	563183.91	619.918	9.918	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	610	N610005	1302	-	-	-	-	-	0.05	0.01	7914420.5	563179.53	619.978	9.978	ORE/WASTE: HEMATITE/GREEN SCHIST	NPAG
2018	Pit	610	N610006	1009	-	-	-	-	-	0.01	0.08	7914543.8	563268.17	620.48	10.48	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	610	N610006	1313	-	-	-	-	-	0.01	0.02	7914562.3	563268.9	620.222	10.222	ORE:WASTE	NPAG
2018	Pit	610	N610006	1416	-	-	-	-	-	0.01	0.04	7914574.2	563274.6	620.175	10.175	ORE:MAGNETITE/HEM	NPAG
2018	Pit	610	N610006	1518	-	-	-	-	-	0.01	0.03	7914580.5	563276.01	620.034	10.034	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610006	1605	-	-	-	-	-	0.01	0.03	7914532.2	563218.73	620.236	10.236	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610007	1009	-	-	-	-	-	0.01	0.02	7914378	563159.67	619.708	9.708	WASTE/ORE: CHLORITE SCHIST/MAGNETITE/HEMATITE	NPAG
2018	Pit	610	N610007	1108	-	-	-	-	-	0.03	0.04	7914383.3	563159.02	620.01	10.01	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610007	1209	-	-	-	-	-	0.01	0.02	7914385.5	563155.96	619.724	9.724	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610007	1300	-	-	-	-	-	0.01	0.01	7914415.4	563171.64	620.201	10.201	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610007	1302	-	-	-	-	-	0.01	0.01	7914410.2	563167.78	620.292	10.292	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610007	1304	-	-	-	-	-	0.18	0.02	7914402.6	563162.38	620.204	10.204	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610007	1403	-	-	-	-	-	0.06	0.03	7914408.3	563162.29	620.399	10.399	WASTE/ORE: RED CLAY ALTERATION/MAGNETITE	NPAG
2018	Pit	610	N610007	1405	-	-	-	-	-	0.04	0.04	7914401.6	563157.06	620.307	10.307	WASTE	NPAG
2018	Pit	610	N610007	1504	-	-	-	-	-	0.33	0.03	7914407.4	563156.56	620.12	10.12	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610007	1506	-	-	-	-	-	0.46	0.05	7914400.9	563151.31	620.005	10.005	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610007	1508	-	-	-	-	-	0.01	0.09	7914393.8	563145.94	620.367	10.367	ORE:HEMATITE	NPAG
2018	Pit	610	N610008	1013	-	-	-	-	-	0.01	0.01	7914625.4	563291.24	620.68	10.68	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610008	1227	-	-	-	-	-	0.01	0.01	7914582.1	563235.37	620.545	10.545	ORE:HEMATITE	NPAG
2018	Pit	610	N610008	1316	-	-	-	-	-	0.01	0.03	7914626.1	563273.92	620.599	10.599	ORE/WASTE: HEMATITE/MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610008	1417	-	-	-	-	-	0.01	0.06	7914623.6	563265.58	620.437	10.437	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610008	1427	-	-	-	-	-	0.01	0.01	7914588.7	563229.83	620.311	10.311	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610009	1103	-	-	-	-	-	0.01	0.05	7914585.5	563300.28	620.509	10.509	ORE/WASTE: MAGNETITE/HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610009	1115	-	-	-	-	-	0.01	0.13	7914657.2	563331.69	620.466	10.466	WASTE/ORE: CHLORITE SCHIST/HEMATITE/MAGNETITE	NPAG
2018	Pit	610	N610009	1606	-	-	-	-	-	0.02	0.06	7914644.5	563364.21	620.145	10.145	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610009	1607	-	-	-	-	-	0.01	0.02	7914631.4	563351.28	619.757	9.757	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610009	1609	-	-	-	-	-	0.01	0.04	7914614.4	563315.72	620.622	10.622	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610009	1610	-	-	-	-	-	0.01	0.1	7914598.3	563299.65	620.085	10.085	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610009	1612	-	-	-	-	-	0.01	0.15	7914610.3	563285.99	620.405	10.405	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610009	1808	-	-	-	-	-	0.01	0.06	7914604.6	563306.04	620.331	10.331	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610011	234	-	-	-	-	-	0.01	0.02	7914482.3	563123.36	619.951	9.951	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610012	1106	-	-	-	-	-	0.01	0.07	7914623.3	563251.55	620.435	10.435	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	610	N610012	1207	-	-	-	-	-	0.01	0.05	7914624.8	563247.28	620.525	10.525	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610012	1308	-	-	-	-	-	0.01	0.01	7914619	563235.06	620.243	10.243	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610012	231	-	-	-	-	-	0.23	0.02	7914588.9	563192.57	620.235	10.235	WASTE/ORE: CHLORITE SCHIST/MAGNETITE/HEMATITE	NPAG
2018	Pit	610	N610012	320	-	-	-	-	-	0.18	0.02	7914595.9	563204.55	620.432	10.432	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610015	1208	-	-	-	-	-	0.01	0.05	7914743.9	563360.48	619.723	9.723	ORE:MAGNETITE/SPEC	NPAG
2018	Pit	610	N610015	1808	-	-	-	-	-	0.01	0.07	7914730.3	563347.09	620.087	10.087	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610015	2008	-	-	-	-	-	0.01	0.12	7914725.5	563342.3	620.053	10.053	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610015	2408	-	-	-	-	-	0.01	0.1	7914716.1	563332.75	620.05	10.05	ORE:HEMATITE	NPAG
2018	Pit	610	N610018	112	-	-	-	-	-	0.22	0.01	7914356	563122.35	619.989	9.989	ORE:HEMATITE	NPAG
2018	Pit	610	N610018	74	-	-	-	-	-	0.19	0.02	7914345.3	563151.54	612.375	2.375	ORE:WASTE	NPAG
2018	Pit	610	N610018	86	-	-	-	-	-	0.14	0.01	7914348.1	563155.25	612.135	2.135	ORE:HEMATITE	NPAG
2018	Pit	610	N610018	98	-	-	-	-	-	0.14	0.01	7914351.1	563158.68	611.9	1.9	ORE:HEMATITE	NPAG
2018	Pit	610	N610019	1108	-	-	-	-	-	0.02	0.04	7914656.4	563369.9	620.1	10.1	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610019	1407	-	-	-	-	-	0.005	0.04	7914667.4	563377.84	619.884	9.884	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610020	1107	1	15	6.3	9	2.4	0.01	0.2	7914585.6	563332.3	619.659	9.659	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1108	-	-	-	-	-	0.01	0.12	7914589.7	563336.91	619.903	9.903	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1109	-	-	-	-	-	0.01	0.16	7914592.9	563340.27	619.856	9.856	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1110	-	-	-	-	-	0.01	0.17	7914596.2	563342.39	619.359	9.359	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1125	-	-	-	-	-	0.01	0.17	7914653.6	563390.03	620.141	10.141	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610020	1203	-	-	-	-	-	0.01	0.15	7914572.7	563320.85	619.561	9.561	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610020	1205	-	-	-	-	-	0.01	0.09	7914578.1	563327.81	619.683	9.683	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1207	-	-	-	-	-	0.01	0.18	7914585.5	563335.13	619.805	9.805	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1209	-	-	-	-	-	0.01	0.15	7914591.1	563342.01	619.862	9.862	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1213	-	-	-	-	-	0.01	0.13	7914604.2	563351.31	619.746	9.746	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1215	-	-	-	-	-	0.01	0.17	7914612.2	563357.21	619.704	9.704	WASTE: CHLORITE SCHIST/LIM	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	610	N610020	1217	-	-	-	-	-	0.01	0.17	7914619.8	563364.04	620.012	10.012	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1303	-	-	-	-	-	0.01	0.05	7914572	563324.95	619.804	9.804	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610020	1304	-	-	-	-	-	0.01	0.17	7914575.2	563328.25	619.865	9.865	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1305	-	-	-	-	-	0.01	0.09	7914578.9	563331.16	619.806	9.806	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1307	-	-	-	-	-	0.01	0.07	7914584.5	563338.82	619.947	9.947	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1308	-	-	-	-	-	0.01	0.15	7914588.1	563342.19	619.946	9.946	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1309	-	-	-	-	-	0.01	0.06	7914591.7	563345.42	620.018	10.018	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1310	-	-	-	-	-	0.01	0.13	7914597.2	563348.8	619.843	9.843	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1311	-	-	-	-	-	0.01	0.16	7914600.5	563352.2	619.927	9.927	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1312	-	-	-	-	-	0.01	0.06	7914604.3	563355.32	619.695	9.695	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1313	-	-	-	-	-	0.01	0.16	7914608	563358.79	619.781	9.781	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1314	-	-	-	-	-	0.01	0.18	7914610.6	563361.33	619.707	9.707	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1320	-	-	-	-	-	0.01	0.04	7914629.9	563379.49	620.034	10.034	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610020	1329	-	-	-	-	-	0.01	0.13	7914662.2	563410.1	619.84	9.84	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610020	1405	-	-	-	-	-	0.01	0.05	7914577.7	563336.42	619.773	9.773	ORE: HEMATITE/MAG	NPAG
2018	Pit	610	N610020	1407	-	-	-	-	-	0.01	0.08	7914585.2	563343.25	619.877	9.877	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1514	1	2	6.3	-4	0.32	0.01	0.2	7914609.6	563372.2	620.01	10.01	ORE: MAGNETITE/HEM	NPAG
2018	Pit	610	N610020	1515	-	-	-	-	-	0.01	0.13	7914613.1	563375.74	619.781	9.781	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1612	-	-	-	-	-	0.01	0.04	7914597.7	563366.66	619.701	9.701	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1618	-	-	-	-	-	0.01	0.02	7914618.9	563387.36	619.768	9.768	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610020	1626	-	-	-	-	-	0.01	0.02	7914648.2	563414.61	619.524	9.524	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1713	-	-	-	-	-	0.01	0.02	7914600.1	563374.98	619.983	9.983	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1715	-	-	-	-	-	0.01	0.03	7914607.3	563381.75	620.038	10.038	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1716	-	-	-	-	-	0.01	0.03	7914610.9	563385.15	619.741	9.741	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610020	1717	-	-	-	-	-	0.01	0.03	7914614.5	563388.69	619.842	9.842	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1718	-	-	-	-	-	0.01	0.09	7914618	563392.02	620.031	10.031	ORE: MAGNETITE/HEM	NPAG
2018	Pit	610	N610020	1720	-	-	-	-	-	0.01	0.06	7914625.4	563398.83	620.053	10.053	ORE: MAGNETITE	NPAG
2018	Pit	610	N610020	1725	-	-	-	-	-	0.01	0.05	7914643.6	563416.06	619.462	9.462	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610020	1726	-	-	-	-	-	0.01	0.09	7914647.4	563419.57	619.609	9.609	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610020	1729	-	-	-	-	-	0.01	0.12	7914655.3	563429.97	619.216	9.216	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610020	1827	-	-	-	-	-	0.01	0.1	7914650.9	563426.47	619.479	9.479	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610022	1007	-	-	-	-	-	0.01	0.02	7914673.5	563381.63	620.082	10.082	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610022	1204	-	-	-	-	-	0.01	0.01	7914689.4	563375.72	620.23	10.23	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610022	1207	-	-	-	-	-	0.01	0.02	7914678.6	563386.4	620.299	10.299	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610025	1108	-	-	-	-	-	0.02	0.1	7914688.8	563407.58	620.001	10.001	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610025	1205	-	-	-	-	-	0.01	0.03	7914685.8	563418.07	619.885	9.885	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610025	1207	-	-	-	-	-	0.01	0.15	7914691.8	563411.68	619.981	9.981	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610025	1298	-	-	-	-	-	0.1	0.08	7914671.4	563443.41	619.501	9.501	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610025	1306	-	-	-	-	-	0.01	0.12	7914694.5	563416.07	619.838	9.838	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610025	1403	-	-	-	-	-	0.01	0.08	7914690.9	563427.89	619.592	9.592	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610025	1405	-	-	-	-	-	0.01	0.03	7914696.8	563422.17	619.855	9.855	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610025	1498	-	-	-	-	-	0.01	0.11	7914678.8	563449.16	619.596	9.596	ORE: MAGNETITE/HEM	NPAG
2018	Pit	610	N610027	1104	-	-	-	-	-	0.01	0.1	7914704.1	563434.07	619.958	9.958	ORE: MAGNETITE/HEM	NPAG
2018	Pit	610	N610027	1504	-	-	-	-	-	0.01	0.13	7914713.5	563449.25	620.32	10.32	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610027	2103	-	-	-	-	-	0.01	0.01	7914685.2	563455.19	619.788	9.788	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610027	2203	-	-	-	-	-	0.03	0.02	7914687.8	563458.23	619.918	9.918	ORE/WASTE: MAGNETITE/GREEN SCHIST	NPAG
2018	Pit	610	N610027	2403	-	-	-	-	-	0.01	0.08	7914694.2	563464.8	619.908	9.908	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610027	2603	-	-	-	-	-	0.01	0.05	7914699.5	563470.69	619.549	9.549	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610028	1005	-	-	-	-	-	0.01	0.03	7914705.4	563474.73	619.362	9.362	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610028	1106	-	-	-	-	-	0.01	0.08	7914710.3	563472.98	619.397	9.397	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610028	1304	-	-	-	-	-	0.01	0.19	7914710.4	563485.98	619.396	9.396	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610028	1405	-	-	-	-	-	0.01	0.17	7914716.7	563485.15	619.729	9.729	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610028	1407	-	-	-	-	-	0.01	0.11	7914723.1	563477.96	620.185	10.185	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610028	1504	-	-	-	-	-	0.01	0.1	7914716.8	563491.65	619.654	9.654	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610028	1506	-	-	-	-	-	0.01	0.02	7914723.2	563484.22	620.394	10.394	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	610	N610028	1605	-	-	-	-	-	0.01	0.01	7914723.2	563490.7	619.942	9.942	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610029	1005	-	-	-	-	-	0.01	0.07	7914724.7	563499.33	619.986	9.986	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1007	-	-	-	-	-	0.01	0.04	7914731.4	563492.36	620.303	10.303	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1108	-	-	-	-	-	0.04	0.02	7914739.3	563485.65	620.282	10.282	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1110	-	-	-	-	-	0.01	0.1	7914746.1	563478.14	620.462	10.462	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1114	-	-	-	-	-	-	0.084	7914759.3	563463.12	620.609	10.609	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1205	-	-	-	-	-	0.01	0.02	7914732.8	563499.71	620.646	10.646	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1304	-	-	-	-	-	0.01	0.06	7914732.8	563506.09	620.666	10.666	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1306	-	-	-	-	-	0.01	0.15	7914738.9	563498.45	620.652	10.652	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610029	1308	-	-	-	-	-	0.01	0.01	7914745.9	563491.15	620.776	10.776	ORE:MAGNETITE	NPAG
2018	Pit	610	N610029	1405	-	-	-	-	-	0.01	0.11	7914739.6	563505.34	620.749	10.749	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1407	-	-	-	-	-	0.01	0.11	7914745.7	563497.86	620.558	10.558	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1504	-	-	-	-	-	0.01	0.01	7914740.4	563510.86	621.17	11.17	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610029	1506	-	-	-	-	-	0.01	0.09	7914745.8	563504.66	620.821	10.821	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610029	1508	-	-	-	-	-	0.01	0.01	7914751.9	563497.22	620.718	10.718	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1605	-	-	-	-	-	0.01	0.01	7914746	563510.65	621.17	11.17	WASTE: CHLORITE SCHIST/GNEISS	NPAG
2018	Pit	610	N610029	1607	-	-	-	-	-	0.01	0.01	7914752.1	563503.05	621.105	11.105	ORE:MAGNETITE	NPAG
2018	Pit	610	N610029	1609	-	-	-	-	-	0.01	0.01	7914759	563495.46	620.782	10.782	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610029	1705	-	-	-	-	-	0.01	0.01	7914749.3	563513.46	621.17	11.17	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610029	1707	-	-	-	-	-	0.01	0.1	7914756.1	563506.13	620.841	10.841	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610029	1710	-	-	-	-	-	0.01	0.03	7914765.4	563494.49	620.657	10.657	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610029	1805	-	-	-	-	-	0.01	0.02	7914752.6	563516.27	621.17	11.17	WASTE: CHLORITE SCHIST/GNEISS	NPAG
2018	Pit	610	N610029	1807	-	-	-	-	-	0.03	0.12	7914758.8	563509.01	621.579	11.579	WASTE: CHLORITE SCHIST/GNEISS	NPAG
2018	Pit	610	N610029	1815	-	-	-	-	-	0.02	0.02	7914785.2	563478.46	620.362	10.362	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	610	N610031	16	-	-	-	-	-	0.01	0.01	7914719.1	563508.63	614.197	4.197	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	610	N610031	1704	-	-	-	-	-	0.01	0.02	7914685.1	563465.41	613.687	3.687	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610031	1907	-	-	-	-	-	0.07	0.02	7914675.7	563466.69	611.951	1.951	WASTE	NPAG
2018	Pit	610	N610031	26	-	-	-	-	-	0.01	0.03	7914700.9	563491.16	613.961	3.961	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610031	2703	-	-	-	-	-	0.01	0.04	7914668.7	563445.79	612.439	2.439	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610031	3307	-	-	-	-	-	0.03	0.01	7914651.8	563442.12	610.72	0.72	ORE:LIMONITE/MAGNETITE	NPAG
2018	Pit	610	N610031	3704	-	-	-	-	-	0.01	0.04	7914649.4	563430.18	610.783	0.783	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610031	38	-	-	-	-	-	0.09	0.02	7914709.4	563493.6	614.419	4.419	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	610	N610031	4206	-	-	-	-	-	0.01	0.03	7914636.8	563424.62	610.584	0.584	WASTE: GREEN SCHIST	NPAG
2018	Pit	610	N610031	4507	-	-	-	-	-	0.01	0.02	7914630	563420.62	611.091	1.091	ORE/WASTE: MAGNETITE/HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610031	5006	-	-	-	-	-	0.09	0.03	7914622.7	563410.66	610.464	0.464	ORE:LIMONITE/MAGNETITE	NPAG
2018	Pit	610	N610031	5307	-	-	-	-	-	0.12	0.01	7914616.2	563407.42	610.609	0.609	ORE:MAGNETITE	NPAG
2018	Pit	610	N610031	5807	-	-	-	-	-	0.02	0.02	7914606.9	563398.47	610.302	0.302	ORE:LIMONITE/MAGNETITE	NPAG
2018	Pit	610	N610032	1804	-	-	-	-	-	0.01	0.07	7914300.7	563107.42	619.738	9.738	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	610	N610034	1215	-	-	-	-	-	-	0.065	7914555.5	563319.97	610.859	0.859	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610034	1316	-	-	-	-	-	0.01	0.01	7914551.7	563320.15	610.748	0.748	ORE:MAGNETITE	NPAG
2018	Pit	610	N610034	1614	-	-	-	-	-	-	0.072	7914550	563328.59	611.858	1.858	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610034	1715	-	-	-	-	-	-	0.093	7914546.4	563328.86	612.246	2.246	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610034	1718	-	-	-	-	-	-	0.172	7914541	563323.45	613.279	3.279	ORE:MAGNETITE	NPAG
2018	Pit	610	N610034	1722	-	-	-	-	-	-	0.014	7914534.1	563316.68	612.907	2.907	ORE:MAGNETITE	NPAG
2018	Pit	610	N610034	1918	-	-	-	-	-	-	0.063	7914537.5	563326.82	612.295	2.295	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610034	1920	-	-	-	-	-	-	0.028	7914534.3	563323.77	612.262	2.262	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610034	1922	-	-	-	-	-	-	0.007	7914530.3	563320.18	612.081	2.081	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	610	N610035	304	-	-	-	-	-	0.02	0.07	7914742.7	563415.18	620.518	10.518	ORE/WASTE: MAGNETITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	610	N610036	1300	-	-	-	-	-	0.005	0.03	7914297.6	563069.96	620.159	10.159	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610036	1400	-	-	-	-	-	0.005	0.01	7914293.6	563068.03	620.635	10.635	ORE:HEMATITE	NPAG
2018	Pit	610	N610045	1011	-	-	-	-	-	0.03	0.03	7914454.6	563116.05	620.032	10.032	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610045	1015	-	-	-	-	-	0.1	0.02	7914469.4	563124.39	620.007	10.007	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610049	1102	-	-	-	-	-	0.04	0.06	7914382.7	563113.37	620.413	10.413	ORE:LIMONITE/HEMATITE	NPAG
2018	Pit	610	N610049	1411	-	-	-	-	-	0.03	0.06	7914353.9	563080.79	621.393	11.393	ORE:LIMONITE/HEMATITE	NPAG
2018	Pit	610	N610051	214	-	-	-	-	-	0.11	0.17	7914334.4	563039.69	620.694	10.694	ORE:WASTE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
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2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	610	N610051	222	-	-	-	-	-	0.01	0.12	7914307.8	563027.13	620.649	10.649	WASTE	NPAG
2018	Pit	610	N610055	1207	-	-	-	-	-	0.01	0.01	7914266.8	563022.99	619.829	9.829	ORE:HEMATITE/MAG	NPAG
2018	Pit	610	N610055	1304	-	-	-	-	-	0.01	0.01	7914274.4	563030.18	619.694	9.694	ORE:HEMATITE	NPAG
2018	Pit	610	N610055	1402	-	-	-	-	-	0.03	0.01	7914279.2	563036.76	619.641	9.641	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610055	1600	-	-	-	-	-	0.01	0.01	7914282.4	563045.62	620.081	10.081	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	610	N610055	208	-	-	-	-	-	0.01	0.01	7914268.5	563009.25	621.039	11.039	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1204	-	-	-	-	-	0.01	0.12	7914640.1	563366.3	630.314	10.314	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1316	-	-	-	-	-	0.01	0.13	7914691.9	563410.63	630.515	10.515	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620045	1317	-	-	-	-	-	0.01	0.14	7914696.5	563414.35	630.498	10.498	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620045	1403	-	-	-	-	-	0.01	0.19	7914629.7	563370.24	630.135	10.135	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620045	1404	1	8	6.3	2	1.28	0.01	0.2	7914634.1	563373.5	630.203	10.203	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620045	1417	-	-	-	-	-	0.01	0.04	7914691.5	563416.62	630.643	10.643	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1418	-	-	-	-	-	0.01	0.11	7914695.8	563419.66	630.418	10.418	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1419	-	-	-	-	-	0.01	0.03	7914698.3	563421.93	630.573	10.573	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1501	-	-	-	-	-	0.01	0.08	7914620.7	563369.33	629.981	9.981	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1502	-	-	-	-	-	0.01	0.03	7914625.2	563372.79	630.117	10.117	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1503	-	-	-	-	-	0.01	0.08	7914629.4	563375.89	630.268	10.268	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1504	-	-	-	-	-	0.01	0.09	7914633.7	563379.47	630.4	10.4	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620045	1505	-	-	-	-	-	0.01	0.03	7914637.8	563382.35	630.894	10.894	ORE:MAGNETITE/HEM	NPAG
2018	Pit	620	N620045	1508	-	-	-	-	-	0.01	0.03	7914651.2	563392.24	631.126	11.126	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620045	1509	-	-	-	-	-	0.01	0.03	7914656.4	563396.01	630.773	10.773	ORE:LIMONITE/MAGNETITE	NPAG
2018	Pit	620	N620045	1518	-	-	-	-	-	0.02	0.13	7914695.4	563425.21	630.108	10.108	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1600	-	-	-	-	-	0.01	0.09	7914613.4	563369.5	629.472	9.472	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1603	-	-	-	-	-	0.01	0.02	7914624.7	563378.13	630.083	10.083	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620045	1617	-	-	-	-	-	0.12	0.01	7914685.4	563424.56	630.358	10.358	ORE:LIMONITE/MAGNETITE	NPAG
2018	Pit	620	N620045	1619	-	-	-	-	-	0.01	0.03	7914693.9	563429.99	630.265	10.265	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620045	1711	-	-	-	-	-	0.01	0.08	7914661	563406.85	630.776	10.776	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620045	1716	-	-	-	-	-	0.35	0.02	7914682.7	563424.71	630.242	10.242	ORE:MAGNETITE	NPAG
2018	Pit	620	N620047	2406	-	-	-	-	-	0.01	0.01	7914575	563334.38	625.289	5.289	ORE:MAGNETITE	NPAG
2018	Pit	620	N620047	2407	-	-	-	-	-	0.01	0.01	7914572.3	563330.65	624.762	4.762	ORE:MAGNETITE	NPAG
2018	Pit	620	N620047	2607	-	-	-	-	-	0.01	0.05	7914566.2	563335.19	624.468	4.468	ORE:MAGNETITE	NPAG
2018	Pit	620	N620049	1006	-	-	-	-	-	0.02	0.01	7914385	563113.92	630.395	10.395	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	620	N620049	1108	-	-	-	-	-	0.01	0.01	7914390.5	563102.78	630.333	10.333	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	620	N620049	1309	-	-	-	-	-	0.01	0.01	7914383.3	563098.03	630.262	10.262	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	620	N620050	1002	-	-	-	-	-	0.01	0.08	7914727.6	563400.06	630.815	10.815	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	1003	-	-	-	-	-	0.01	0.09	7914724.7	563403.48	630.47	10.47	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	1004	-	-	-	-	-	0.01	0.03	7914722	563410.24	630.501	10.501	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620050	1009	-	-	-	-	-	0.02	0.07	7914705.7	563428.46	630.436	10.436	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	1010	-	-	-	-	-	0.01	0.09	7914701.9	563432.69	630.43	10.43	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	1110	-	-	-	-	-	0.01	0.16	7914705.8	563435.56	630.817	10.817	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620050	1111	-	-	-	-	-	0.01	0.09	7914704.1	563437.93	630.881	10.881	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	1209	-	-	-	-	-	0.01	0.1	7914711.3	563436.19	631.032	11.032	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620050	1310	-	-	-	-	-	0.01	0.12	7914713.3	563441.41	630.54	10.54	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	1311	-	-	-	-	-	0.01	0.07	7914709.8	563445.71	630.296	10.296	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620050	909	-	-	-	-	-	0.01	0.05	7914703.8	563426.92	630.398	10.398	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620052	1001	-	-	-	-	-	0.01	0.05	7914746.4	563408.31	629.937	9.937	ORE:WASTE	NPAG
2018	Pit	620	N620052	1012	-	-	-	-	-	0.01	0.13	7914715.1	563450.28	629.537	9.537	ORE:WASTE	NPAG
2018	Pit	620	N620052	1213	-	-	-	-	-	0.01	0.16	7914720.1	563456.15	629.564	9.564	WASTE	NPAG
2018	Pit	620	N620052	1302	-	-	-	-	-	0.01	0.05	7914755.2	563418.6	629.651	9.651	ORE:WASTE	NPAG
2018	Pit	620	N620056	1001	-	-	-	-	-	0.01	0.023	7914740.5	563476.9	629.317	9.317	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620056	1105	-	-	-	-	-	0.01	0.19	7914756	563464.15	629.872	9.872	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620056	1201	-	-	-	-	-	0.01	0.13	7914746.7	563482.21	629.317	9.317	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620058	1100	-	-	-	-	-	0.01	0.06	7914761.2	563491.92	629.483	9.483	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620058	1113	-	-	-	-	-	0.01	0.03	7914797.5	563440.87	630.696	10.696	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620058	1200	-	-	-	-	-	0.01	0.01	7914763.7	563495.03	629.222	9.222	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
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2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	620	N620058	1214	-	-	-	-	-	0.01	0.05	7914802.2	563442.76	630.445	10.445	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620058	1300	-	-	-	-	-	0.01	0.08	7914767.6	563497.25	629.406	9.406	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620058	1304	-	-	-	-	-	0.01	0.01	7914778.2	563482.67	629.819	9.819	ORE:MAGNETITE/HEM	NPAG
2018	Pit	620	N620058	1313	-	-	-	-	-	0.01	0.04	7914805.2	563445.73	630.642	10.642	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620059	1000	-	-	-	-	-	0.01	0.01	7914772.1	563500.85	629.18	9.18	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620059	1013	-	-	-	-	-	0.01	0.08	7914804.4	563457.59	630.028	10.028	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620059	1201	-	-	-	-	-	0.01	0.01	7914781.3	563502.52	629.707	9.707	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620059	1308	-	-	-	-	-	0.01	0.14	7914803.7	563478.88	629.849	9.849	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620059	1315	-	-	-	-	-	0.01	0.07	7914822.1	563453.64	630.151	10.151	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620061	1300	-	-	-	-	-	0.01	0.02	7914307.3	563099.61	629.93	9.93	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	620	N620062	1007	-	-	-	-	-	0.01	0.07	7914810	563481.43	629.552	9.552	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	620	N620062	1108	-	-	-	-	-	0.01	0.06	7914814.1	563481.91	629.75	9.75	ORE/WASTE: MAGNETITE/CHLORITE SCHIST	NPAG
2018	Pit	620	N620063	1105	-	-	-	-	-	0.11	0.01	7914440.7	563107.28	630.609	10.609	ORE:HEMATITE	NPAG
2018	Pit	620	N620063	1106	-	-	-	-	-	0.05	0.01	7914437.2	563105.51	630.776	10.776	ORE:HEMATITE	NPAG
2018	Pit	620	N620063	1111	-	-	-	-	-	0.04	0.01	7914418.2	563095.43	630.65	10.65	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	620	N620064	1106	-	-	-	-	-	0.01	0.02	7914314.2	563068.8	630.041	10.041	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	620	N620069	2503	-	-	-	-	-	0.05	0.02	7914333.3	563126.39	620.354	0.354	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	620	N620069	2517	-	-	-	-	-	0.01	0.05	7914302.7	563109.95	621.202	1.202	ORE:HEMATITE	NPAG
2018	Pit	620	N620072	3410	-	-	-	-	-	0.01	0.02	7914656.3	563416.21	620.723	0.723	WASTE/ORE: CHLORITE SCHIST/MAGNETITE	NPAG
2018	Pit	620	N620072	3418	-	-	-	-	-	0.01	0.1	7914671	563429.68	620.476	0.476	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620072	3426	-	-	-	-	-	0.07	0.01	7914685.9	563443.45	621.362	1.362	ORE:MAGNETITE	NPAG
2018	Pit	620	N620072	3523	-	-	-	-	-	0.21	0.01	7914682.6	563435.91	621.735	1.735	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620079	1108	-	-	-	-	-	0.25	0.01	7914220.7	563055.12	629.955	9.955	ORE:HEMATITE	NPAG
2018	Pit	620	N620085	214	-	-	-	-	-	0.01	0.08	7914342	563039.43	629.95	9.95	WASTE: CHLORITE SCHIST/GNEISS	NPAG
2018	Pit	620	N620085	217	-	-	-	-	-	0.01	0.19	7914332.3	563034.25	629.923	9.923	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620085	219	1	18	7.5	11	2.4	0.01	0.24	7914326.1	563030.87	630.278	10.278	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620085	224	-	-	-	-	-	0.01	0.12	7914308.9	563023.44	630.713	10.713	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	620	N620085	312	-	-	-	-	-	0.01	0.12	7914336.1	563039.57	630.125	10.125	ORE/WASTE: HEMATITE/LIM/CHLORITE SCHIST	NPAG
2018	Pit	620	N620085	314	-	-	-	-	-	0.03	0.06	7914327.8	563035.31	630.302	10.302	ORE:LIMONITE/MAGNETITE	NPAG
2018	Pit	620	N620087	1206	-	-	-	-	-	0.01	0.01	7914269.6	563023.09	630.582	10.582	ORE:HEMATITE	NPAG
2018	Pit	620	N620087	1208	-	-	-	-	-	0.01	0.03	7914278.6	563026.75	630.625	10.625	ORE:MAGNETITE/HEM	NPAG
2018	Pit	620	N620089	1201	-	-	-	-	-	0.05	0.01	7914257	563012.64	631.095	11.095	WASTE: LIMONITE	NPAG
2018	Pit	620	N620089	1314	-	-	-	-	-	0.01	0.01	7914204.8	562983.94	631.031	11.031	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620089	1316	-	-	-	-	-	0.01	0.01	7914197	562980.37	631.08	11.08	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	620	N620089	214	-	-	-	-	-	0.01	0.01	7914220.6	562982.97	630.55	10.55	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	620	N620089	216	-	-	-	-	-	0.01	0.01	7914213.8	562979.76	630.289	10.289	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	620	N620089	219	-	-	-	-	-	0.01	0.01	7914203.7	562975.14	630.345	10.345	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	620	N620089	222	-	-	-	-	-	0.01	0.04	7914193.6	562970.87	630.676	10.676	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	620	N620089	313	-	-	-	-	-	0.01	0.04	7914207.8	562980.63	630.518	10.518	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	620	N620089	315	-	-	-	-	-	0.01	0.04	7914198.5	562976.64	630.63	10.63	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	620	N620089	317	-	-	-	-	-	0.01	0.04	7914189.7	562972.51	630.483	10.483	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1000	-	-	-	-	-	0.01	0.02	7914352	563037.99	639.961	9.961	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1001	-	-	-	-	-	0.01	0.01	7914348	563036.87	640.242	10.242	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1002	-	-	-	-	-	0.01	0.02	7914343.5	563035.1	640.166	10.166	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630094	1003	-	-	-	-	-	0.01	0.05	7914338.2	563032.58	640.178	10.178	WASTE/ORE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	630	N630094	1004	-	-	-	-	-	0.04	0.08	7914334.2	563027.95	640.1	10.1	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	630	N630094	1007	-	-	-	-	-	0.01	0.09	7914317.9	563021.49	640.268	10.268	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1008	-	-	-	-	-	0.01	0.07	7914312.9	563019.03	640.208	10.208	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1009	-	-	-	-	-	0.01	0.04	7914307.5	563016.7	640.309	10.309	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1010	-	-	-	-	-	0.01	0.05	7914302	563014.57	640.424	10.424	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	630	N630094	1011	-	-	-	-	-	0.01	0.17	7914296.6	563012.01	640.345	10.345	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	630	N630094	1012	-	-	-	-	-	0.01	0.15	7914293.5	563010.9	640.253	10.253	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	630	N630094	1013	-	-	-	-	-	0.12	0.11	7914290	563010.45	640.545	10.545	ORE:LIMONITE/HEMATITE	NPAG
2018	Pit	630	N630094	1101	-	-	-	-	-	0.01	0.04	7914351.9	563034.39	640.289	10.289	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630094	1103	-	-	-	-	-	0.01	0.06	7914342.9	563029.46	640.223	10.223	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
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2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	630	N630094	1105	-	-	-	-	-	0.02	0.1	7914332.7	563023.96	640.147	10.147	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630094	1107	-	-	-	-	-	0.01	0.04	7914322.2	563019.26	640.056	10.056	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630094	1109	-	-	-	-	-	0.01	0.03	7914311.8	563014.41	640.257	10.257	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	1111	-	-	-	-	-	0.01	0.04	7914302.6	563010.05	640.228	10.228	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	302	-	-	-	-	-	0.01	0.05	7914348.9	563027.89	640.371	10.371	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630094	304	-	-	-	-	-	0.01	0.05	7914340.5	563023.22	640.017	10.017	WASTE: CHLORITE SCHIST/GNEISS	NPAG
2018	Pit	630	N630094	307	-	-	-	-	-	0.01	0.04	7914327.2	563016.76	639.978	9.978	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	309	-	-	-	-	-	0.01	0.05	7914318.4	563012.76	640.074	10.074	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	311	-	-	-	-	-	0.01	0.05	7914309	563008.54	640.227	10.227	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	313	-	-	-	-	-	0.01	0.04	7914300.7	563004.61	640.214	10.214	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630094	910	-	-	-	-	-	0.01	0.12	7914303.2	563019.58	640.576	10.576	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	630	N630094	911	-	-	-	-	-	0.03	0.15	7914297.8	563017.2	640.134	10.134	WASTE: CHLORITE SCHIST/LIM	NPAG
2018	Pit	630	N630095	2629	-	-	-	-	-	0.02	0.005	7914769.3	563480.83	633.851	3.851	ORE:MAGNETITE/SPEC	NPAG
2018	Pit	630	N630095	2821	-	-	-	-	-	0.26	0.01	7914782.1	563497.17	633.162	3.162	ORE:MAGNETITE	NPAG
2018	Pit	630	N630096	1107	-	-	-	-	-	0.23	0.01	7914271.3	563017.8	641.015	11.015	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	630	N630096	1206	-	-	-	-	-	0.01	0.01	7914265.4	563016.7	641.356	11.356	WASTE/ORE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	630	N630096	1207	-	-	-	-	-	0.04	0.01	7914268.3	563013.51	641.17	11.17	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	630	N630100	2816	-	-	-	-	-	0.02	0.01	7914791.2	563505.44	631.785	1.785	ORE:MAGNETITE/HEM	NPAG
2018	Pit	630	N630101	1723	-	-	-	-	-	0.14	0.01	7914263.7	563072.02	631.676	1.676	ORE:HEMATITE	NPAG
2018	Pit	630	N630102	1307	-	-	-	-	-	0.04	0.01	7914231	562994.53	640.823	10.823	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	630	N630104	1204	-	-	-	-	-	0.01	0.01	7914206.3	563003.25	641.023	11.023	ORE:HEMATITE	NPAG
2018	Pit	630	N630108	1010	-	-	-	-	-	0.01	0.01	7914202.4	562978.44	640.301	10.301	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	630	N630108	1109	-	-	-	-	-	0.01	0.01	7914199.4	562977.36	640.001	10.001	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630109	1000	-	-	-	-	-	0.01	0.02	7914185.5	562971.18	639.89	9.89	ORE:HEMATITE	NPAG
2018	Pit	630	N630110	1200	-	-	-	-	-	0.01	0.01	7914150.3	562955.33	639.472	9.472	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	630	N630115	1003	-	-	-	-	-	0.01	0.03	7914276.2	562998.25	639.971	9.971	WASTE	NPAG
2018	Pit	630	N630115	1005	-	-	-	-	-	0.08	0.08	7914267.2	562994.14	640.089	10.089	ORE:HEMATITE	NPAG
2018	Pit	630	N630115	1007	-	-	-	-	-	0.18	0.01	7914258	562990.09	639.786	9.786	ORE:WASTE	NPAG
2018	Pit	630	N630115	1009	-	-	-	-	-	0.03	0.01	7914249	562986.06	639.457	9.457	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	1011	-	-	-	-	-	0.01	0.01	7914239.7	562981.87	639.681	9.681	WASTE/ORE: CHLORITE SCHIST/HEMATITE	NPAG
2018	Pit	630	N630115	1013	-	-	-	-	-	0.01	0.01	7914230.8	562977.57	639.663	9.663	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	204	-	-	-	-	-	0.01	0.01	7914283.1	562993.3	639.798	9.798	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	207	-	-	-	-	-	0.01	0.01	7914272.7	562988.82	639.834	9.834	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	210	-	-	-	-	-	0.01	0.04	7914262.4	562984.43	639.403	9.403	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	213	-	-	-	-	-	0.02	0.01	7914252.7	562979.98	639.615	9.615	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	216	-	-	-	-	-	0.01	0.01	7914243.5	562975.73	639.514	9.514	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	219	-	-	-	-	-	0.01	0.01	7914234.3	562971.6	639.411	9.411	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	307	-	-	-	-	-	0.01	0.01	7914264.7	562988.62	639.947	9.947	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	309	-	-	-	-	-	0.01	0.01	7914256.1	562984.46	639.614	9.614	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	311	-	-	-	-	-	0.01	0.01	7914247.1	562980.65	639.727	9.727	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630115	313	-	-	-	-	-	0.01	0.01	7914238	562976.44	639.698	9.698	WASTE	NPAG
2018	Pit	630	N630117	1000	-	-	-	-	-	0.01	0.01	7914124.9	562943.34	640.456	10.456	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1002	-	-	-	-	-	0.01	0.02	7914119	562950.31	640.281	10.281	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1101	-	-	-	-	-	0.01	0.01	7914118.5	562945.91	640.053	10.053	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1202	-	-	-	-	-	0.01	0.02	7914112.5	562947.52	640.263	10.263	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1400	-	-	-	-	-	0.01	0.02	7914108.4	562937.76	639.881	9.881	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1401	-	-	-	-	-	0.01	0.02	7914106.1	562941.81	640.05	10.05	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1402	-	-	-	-	-	0.01	0.02	7914104	562947.27	640.075	10.075	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1501	-	-	-	-	-	0.01	0.01	7914101.8	562940.38	639.804	9.804	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1503	-	-	-	-	-	0.01	0.01	7914097.3	562948.01	639.803	9.803	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1599	-	-	-	-	-	0.01	0.02	7914097.4	562938.65	639.777	9.777	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1600	-	-	-	-	-	0.29	0.01	7914095.4	562942.78	639.914	9.914	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1601	-	-	-	-	-	0.01	0.01	7914093.3	562946.24	639.971	9.971	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1602	-	-	-	-	-	0.01	0.01	7914090.3	562950.79	639.775	9.775	ORE:HEMATITE	NPAG
2018	Pit	630	N630117	1699	-	-	-	-	-	0.01	0.01	7914091.1	562941.03	639.504	9.504	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	630	N630117	1700	-	-	-	-	-	0.01	0.01	7914089	562944.82	639.612	9.612	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1702	-	-	-	-	-	0.01	0.02	7914084.2	562951.66	639.533	9.533	ORE:HEMATITE	NPAG
2018	Pit	630	N630117	1706	-	-	-	-	-	0.01	0.01	-	-	-	-	ORE:HEMATITE	NPAG
2018	Pit	630	N630117	1797	-	-	-	-	-	0.01	0.02	7914091.3	562937.54	639.391	9.391	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630117	1799	-	-	-	-	-	0.01	0.01	7914085.1	562943.92	639.383	9.383	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	630	N630119	1000	-	-	-	-	-	0.01	0.01	7914221.6	562977.09	639.623	9.623	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1002	-	-	-	-	-	0.01	0.01	7914213.6	562972.92	639.375	9.375	WASTE	NPAG
2018	Pit	630	N630119	1004	-	-	-	-	-	0.01	0.01	7914205.4	562969.53	639.593	9.593	WASTE	NPAG
2018	Pit	630	N630119	1006	-	-	-	-	-	0.01	0.01	7914198.3	562967.74	639.717	9.717	WASTE	NPAG
2018	Pit	630	N630119	1008	-	-	-	-	-	0.01	0.01	7914188.5	562963.41	639.394	9.394	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1010	-	-	-	-	-	0.01	0.01	7914179.2	562959.26	639.296	9.296	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1012	-	-	-	-	-	0.01	0.01	7914170.4	562954.29	639.392	9.392	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1014	-	-	-	-	-	0.01	0.01	7914161.4	562950.87	639.453	9.453	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1016	-	-	-	-	-	0.01	0.01	7914151.9	562946.44	639.193	9.193	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1018	-	-	-	-	-	0.01	0.01	7914143	562941.48	639.296	9.296	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1020	-	-	-	-	-	0.01	0.01	7914134.5	562937.33	639.732	9.732	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1022	-	-	-	-	-	0.01	0.02	7914125	562932.92	640.623	10.623	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1101	-	-	-	-	-	0.01	0.01	7914220.6	562972.97	639.355	9.355	WASTE	NPAG
2018	Pit	630	N630119	1103	-	-	-	-	-	0.01	0.01	7914211.5	562968.83	639.655	9.655	WASTE	NPAG
2018	Pit	630	N630119	1105	-	-	-	-	-	0.01	0.01	7914202.8	562964.64	639.739	9.739	WASTE	NPAG
2018	Pit	630	N630119	1107	-	-	-	-	-	0.01	0.01	7914193.8	562961.4	639.292	9.292	WASTE	NPAG
2018	Pit	630	N630119	1109	-	-	-	-	-	0.01	0.01	7914184.6	562957.2	639.147	9.147	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1111	-	-	-	-	-	0.01	0.01	7914175	562952.57	639.578	9.578	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1113	-	-	-	-	-	0.01	0.01	7914166.7	562949.02	639.306	9.306	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1115	-	-	-	-	-	0.01	0.01	7914158.3	562945.09	638.791	8.791	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1117	-	-	-	-	-	0.01	0.01	7914148.7	562940.69	639.134	9.134	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1119	-	-	-	-	-	0.01	0.01	7914139.7	562936.47	639.374	9.374	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1121	-	-	-	-	-	0.01	0.02	7914130.8	562932.31	640.524	10.524	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	1123	-	-	-	-	-	0.02	0.03	7914121.6	562928.4	640.38	10.38	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	201	-	-	-	-	-	0.01	0.01	7914226.2	562967.79	639.53	9.53	WASTE	NPAG
2018	Pit	630	N630119	203	-	-	-	-	-	0.01	0.01	7914220	562964.82	639.403	9.403	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	205	-	-	-	-	-	0.01	0.01	7914213.9	562962.16	639.348	9.348	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	207	-	-	-	-	-	0.01	0.01	7914206.6	562958.7	639.365	9.365	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	209	-	-	-	-	-	0.01	0.01	7914199.1	562955.56	639.133	9.133	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	211	-	-	-	-	-	0.01	0.01	7914192.6	562952.4	639.153	9.153	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	213	-	-	-	-	-	0.01	0.01	7914185.8	562949.57	639.18	9.18	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	215	-	-	-	-	-	0.01	0.01	7914180.1	562946.82	639.183	9.183	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	217	-	-	-	-	-	0.01	0.01	7914172.9	562943.52	638.964	8.964	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	219	-	-	-	-	-	0.01	0.02	7914166.4	562940.7	639.159	9.159	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	221	-	-	-	-	-	0.01	0.01	7914161	562938.15	639.142	9.142	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	225	-	-	-	-	-	0.01	0.04	7914147.6	562932.15	639.77	9.77	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	227	-	-	-	-	-	0.01	0.03	7914139.1	562928.33	640.216	10.216	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	229	-	-	-	-	-	0.01	0.02	7914133.3	562925.49	640.183	10.183	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	231	-	-	-	-	-	0.01	0.02	7914126.6	562922.64	640.053	10.053	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	300	-	-	-	-	-	0.01	0.01	7914228.8	562972.13	639.815	9.815	WASTE	NPAG
2018	Pit	630	N630119	302	-	-	-	-	-	0.01	0.01	7914223.5	562969.78	639.462	9.462	WASTE	NPAG
2018	Pit	630	N630119	304	-	-	-	-	-	0.01	0.01	7914215.9	562966.52	639.383	9.383	WASTE	NPAG
2018	Pit	630	N630119	306	-	-	-	-	-	0.01	0.01	7914208.2	562962.74	639.553	9.553	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	308	-	-	-	-	-	0.01	0.01	7914200.7	562959.28	639.376	9.376	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	310	-	-	-	-	-	0.01	0.01	7914192.9	562956.2	639.285	9.285	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	312	-	-	-	-	-	0.01	0.01	7914183.5	562952.02	639.195	9.195	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	314	-	-	-	-	-	0.01	0.01	7914175.8	562948.31	639.415	9.415	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	316	-	-	-	-	-	0.01	0.01	7914167.9	562944.58	639.158	9.158	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	318	-	-	-	-	-	0.01	0.01	7914160.8	562941.57	638.982	8.982	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	320	-	-	-	-	-	0.01	0.01	7914152.8	562938.15	639.451	9.451	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	630	N630119	322	-	-	-	-	-	0.01	0.02	7914144.2	562934.19	639.901	9.901	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	324	-	-	-	-	-	0.01	0.03	7914135.4	562929.89	640.128	10.128	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	326	-	-	-	-	-	0.01	0.02	7914127.8	562926.66	640.454	10.454	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630119	998	-	-	-	-	-	0.01	0.01	7914186.2	562965.2	639.553	9.553	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1201	-	-	-	-	-	0.01	0.02	7914117.7	562921.41	638.038	8.038	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1303	-	-	-	-	-	0.03	0.01	7914111.8	562920.96	637.836	7.836	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1404	-	-	-	-	-	0.01	0.01	7914108.3	562921.93	637.465	7.465	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1503	-	-	-	-	-	0.02	0.01	7914109.2	562925.96	637.691	7.691	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1605	-	-	-	-	-	0.02	0.01	7914102.5	562925.5	636.729	6.729	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1707	-	-	-	-	-	0.07	0.02	7914096	562925.3	635.804	5.804	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	1807	-	-	-	-	-	0.06	0.01	7914094.4	562927.83	635.609	5.609	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2109	-	-	-	-	-	0.01	0.01	7914085.6	562932.29	634.771	4.771	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2111	-	-	-	-	-	0.01	0.01	7914082.6	562927.83	634.509	4.509	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2210	-	-	-	-	-	0.01	0.01	7914078.9	562934.12	634.82	4.82	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2411	-	-	-	-	-	0.01	0.01	7914075	562935.17	635.302	5.302	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2509	-	-	-	-	-	0.01	0.01	7914077.8	562940.46	635.808	5.808	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2610	-	-	-	-	-	0.01	0.01	7914073	562945.81	636.476	6.476	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630121	2611	-	-	-	-	-	0.01	0.01	7914071.8	562940.91	636.168	6.168	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630123	1831	-	-	-	-	-	0.01	0.01	7913991.3	563009.71	641.413	11.413	ORE/WASTE: RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	630	N630123	1933	-	-	-	-	-	0.01	0.02	7913987.1	563015.19	641.145	11.145	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	630	N630125	1009	-	-	-	-	-	0.01	0.01	7914129.3	562914.28	638.93	8.93	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1011	-	-	-	-	-	0.01	0.01	7914133.9	562916.28	639.541	9.541	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1013	-	-	-	-	-	0.01	0.01	7914137.8	562918.34	640.279	10.279	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1015	-	-	-	-	-	0.01	0.01	7914142.6	562920.88	640.254	10.254	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1017	-	-	-	-	-	0.01	0.01	7914146.7	562923.52	640.305	10.305	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1021	-	-	-	-	-	0.03	0.03	7914155.3	562928.34	640.325	10.325	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1023	-	-	-	-	-	0.01	0.04	7914159.8	562929.91	640.485	10.485	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1025	-	-	-	-	-	0.01	0.04	7914164	562931.95	640.871	10.871	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1027	-	-	-	-	-	0.06	0.04	7914168.2	562933.77	640.974	10.974	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1097	-	-	-	-	-	0.16	0.01	7914101.9	562915.17	633.943	3.943	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1101	-	-	-	-	-	0.02	0.03	7914109.9	562909.68	634.561	4.561	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1105	-	-	-	-	-	0.24	0.01	7914119.6	562908.55	636.257	6.257	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1109	-	-	-	-	-	0.02	0.02	7914129.1	562911.41	638.625	8.625	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1111	-	-	-	-	-	0.01	0.01	7914133.5	562913.18	639.185	9.185	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1115	-	-	-	-	-	0.01	0.01	7914142.4	562917.81	640.189	10.189	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1117	-	-	-	-	-	0.02	0.01	7914146.6	562920.56	640.374	10.374	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1120	-	-	-	-	-	0.14	0.01	7914153	562924.22	640.503	10.503	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1123	-	-	-	-	-	0.02	0.04	7914159.6	562927.61	640.641	10.641	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1125	-	-	-	-	-	0.19	0.05	7914163.7	562929.68	640.755	10.755	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1199	-	-	-	-	-	0.12	0.01	7914105	562909.84	634.159	4.159	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1203	-	-	-	-	-	0.13	0.01	7914114.1	562906.36	635.01	5.01	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1207	-	-	-	-	-	0.04	0.01	7914123.7	562906.64	637.015	7.015	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1209	-	-	-	-	-	0.04	0.01	7914128.5	562908.3	638.179	8.179	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1211	-	-	-	-	-	0.01	0.02	7914132.8	562910.5	638.956	8.956	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1213	-	-	-	-	-	0.01	0.01	7914137.1	562912.7	639.683	9.683	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1215	-	-	-	-	-	0.04	0.01	7914141.8	562914.9	639.915	9.915	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1219	-	-	-	-	-	0.04	0.02	7914150.2	562919.76	640.451	10.451	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1221	-	-	-	-	-	0.09	0.04	7914154.4	562922.5	640.473	10.473	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1223	-	-	-	-	-	0.04	0.04	7914159	562924.7	640.535	10.535	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1225	-	-	-	-	-	0.01	0.04	7914163.1	562927	640.649	10.649	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1227	-	-	-	-	-	0.03	0.04	7914167.2	562929.37	640.937	10.937	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1305	-	-	-	-	-	0.09	0.01	7914118.5	562903.4	635.665	5.665	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1309	-	-	-	-	-	0.02	0.02	7914127.9	562905.48	637.697	7.697	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1311	-	-	-	-	-	0.01	0.01	7914132.7	562907.5	638.394	8.394	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1313	-	-	-	-	-	0.03	0.01	7914136.8	562909.36	639.061	9.061	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	630	N630125	1315	-	-	-	-	-	0.04	0.01	7914141.4	562911.82	639.82	9.82	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1319	-	-	-	-	-	0.3	0.02	7914150.1	562916.63	640.479	10.479	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1321	-	-	-	-	-	0.04	0.01	7914154.3	562919.42	640.396	10.396	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1323	-	-	-	-	-	0.02	0.04	7914157.3	562921.4	640.676	10.676	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1325	-	-	-	-	-	0.05	0.04	7914162.7	562924.08	640.767	10.767	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1327	-	-	-	-	-	0.12	0.04	7914167.4	562926.17	640.756	10.756	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	1329	-	-	-	-	-	0.07	0.04	-	-	-	-	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	630	N630125	999	-	-	-	-	-	0.11	0.01	7914106.3	562914.64	634.027	4.027	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1000	-	-	-	-	-	0.02	0.01	7914245.3	562976.38	648.13	8.13	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1002	-	-	-	-	-	0.01	0.01	7914239.1	562973.57	647.575	7.575	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1004	-	-	-	-	-	0.03	0.01	7914233.2	562970.86	647.112	7.112	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1006	-	-	-	-	-	0.01	0.01	7914227.5	562967.96	645.668	5.668	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1008	-	-	-	-	-	0.01	0.01	7914221	562965.2	646.013	6.013	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1010	-	-	-	-	-	0.01	0.01	7914216	562963.9	645.657	5.657	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1102	-	-	-	-	-	0.01	0.01	7914236.4	562975.52	647.602	7.602	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1105	-	-	-	-	-	0.01	0.01	7914227.7	562971.74	645.841	5.841	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1108	-	-	-	-	-	0.01	0.01	7914218.8	562967.37	646.061	6.061	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1204	-	-	-	-	-	0.01	0.01	7914230.8	562976.28	646.716	6.716	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1206	-	-	-	-	-	0.01	0.17	7914224.8	562973.57	645.829	5.829	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1208	-	-	-	-	-	0.01	0.01	7914219.3	562970.49	645.528	5.528	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1210	-	-	-	-	-	0.01	0.01	7914214.5	562967.37	645.722	5.722	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	1309	-	-	-	-	-	0.01	0.01	7914213.8	562970.29	645.575	5.575	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	215	-	-	-	-	-	0.01	0.01	7914223.6	562962.05	646.098	6.098	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	302	-	-	-	-	-	0.01	0.01	7914243.3	562972.93	647.946	7.946	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	305	-	-	-	-	-	0.01	0.01	7914235.9	562969.64	647.51	7.51	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	308	-	-	-	-	-	0.01	0.01	7914228.7	562966.32	645.835	5.835	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640080	311	-	-	-	-	-	0.01	0.01	7914220.8	562962.84	646.226	6.226	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1000	-	-	-	-	-	0.06	0.01	7914210.4	562963.4	644.464	4.464	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1002	-	-	-	-	-	0.02	0.01	7914206.9	562970.21	644.734	4.734	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1004	-	-	-	-	-	0.05	0.01	7914203.1	562977.58	644.677	4.677	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	640	N640083	1011	-	-	-	-	-	0.01	0.01	7914188.6	563000.86	642.525	2.525	ORE:HEMATITE	NPAG
2018	Pit	640	N640083	1012	-	-	-	-	-	0.03	0.02	7914186.7	563004.11	642.459	2.459	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	640	N640083	1102	-	-	-	-	-	0.01	0.01	7914204	562967.12	644.004	4.004	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1106	-	-	-	-	-	0.03	0.01	7914196	562980.31	644.344	4.344	WASTE/ORE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640083	1112	-	-	-	-	-	0.01	0.01	7914184	563001.06	642.856	2.856	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	640	N640083	1113	-	-	-	-	-	0.01	0.01	7914182.9	563003.17	642.71	2.71	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	640	N640083	1200	-	-	-	-	-	0.03	0.01	7914203.4	562960.34	643.883	3.883	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1203	-	-	-	-	-	0.07	0.01	7914198	562970.06	644.332	4.332	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1210	-	-	-	-	-	0.05	0.01	7914183.5	562993.96	643.182	3.182	WASTE/ORE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640083	1211	-	-	-	-	-	0.03	0.01	7914181.5	562996.95	642.914	2.914	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	640	N640083	1303	-	-	-	-	-	0.03	0.01	7914193.6	562969.14	644.077	4.077	WASTE: RED CLAY ALTERATION	NPAG
2018	Pit	640	N640083	1312	-	-	-	-	-	0.01	0.01	7914175.3	563000.37	642.669	2.669	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640083	1400	-	-	-	-	-	0.04	0.01	7914196.2	562956.94	643.125	3.125	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	1404	-	-	-	-	-	0.01	0.01	7914189.1	562969.07	644.041	4.041	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640083	1413	-	-	-	-	-	0.04	0.01	7914171.4	562998.41	643.449	3.449	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640083	200	-	-	-	-	-	0.09	0.01	7914214.5	562958.14	644.24	4.24	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	202	-	-	-	-	-	0.06	0.01	7914209.2	562955.89	643.899	3.899	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	203	-	-	-	-	-	0.21	0.01	7914206.5	562954.89	643.796	3.796	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640083	206	-	-	-	-	-	0.06	0.01	7914199.6	562951.2	643.046	3.046	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640085	1104	-	-	-	-	-	0.01	0.01	7914184.7	562960.38	642.933	2.933	WASTE	NPAG
2018	Pit	640	N640085	1106	-	-	-	-	-	0.05	0.01	7914182.2	562965	643.952	3.952	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640085	203	-	-	-	-	-	0.06	0.01	7914194.4	562949.21	642.489	2.489	WASTE	NPAG
2018	Pit	640	N640087	1012	-	-	-	-	-	0.08	0.01	7914173.2	562967.03	644.154	4.154	ORE/WASTE: HEMATITE/BIF	NPAG
2018	Pit	640	N640087	1014	-	-	-	-	-	0.07	0.01	7914175.3	562961.31	643.513	3.513	WASTE: GREEN SCHIST	NPAG
2018	Pit	640	N640087	1016	-	-	-	-	-	0.02	0.01	7914177.9	562956.11	642.561	2.561	WASTE: CHLORITE SCHIST	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
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2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	640	N640087	1020	-	-	-	-	-	0.07	0.01	7914182.8	562945.53	641.868	1.868	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1118	-	-	-	-	-	0.01	0.01	7914176.6	562951.82	641.903	1.903	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1216	-	-	-	-	-	0.01	0.01	7914172.7	562953.27	642.364	2.364	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1218	-	-	-	-	-	0.01	0.01	7914175.3	562947.48	642.172	2.172	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1220	-	-	-	-	-	0.04	0.01	7914177.5	562943.08	641.452	1.452	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1313	-	-	-	-	-	0.01	0.01	7914166.1	562960.59	644.201	4.201	ORE:HEMATITE	NPAG
2018	Pit	640	N640087	1315	-	-	-	-	-	0.03	0.01	7914168.5	562954.69	643.252	3.252	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1317	-	-	-	-	-	0.01	0.01	7914171.4	562949.37	642.384	2.384	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1319	-	-	-	-	-	0.02	0.01	7914173.8	562944.05	641.477	1.477	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1414	-	-	-	-	-	0.01	0.01	7914164.6	562956.67	643.766	3.766	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1416	-	-	-	-	-	0.02	0.01	7914167.4	562950.79	642.885	2.885	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1418	-	-	-	-	-	0.03	0.01	7914169.6	562945.44	641.906	1.906	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1420	-	-	-	-	-	0.01	0.01	7914172.3	562940.35	641.37	1.37	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1513	-	-	-	-	-	0.04	0.01	7914160.7	562958.12	644.364	4.364	ORE:HEMATITE	NPAG
2018	Pit	640	N640087	1515	-	-	-	-	-	0.02	0.01	7914163.1	562952.7	643.398	3.398	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1517	-	-	-	-	-	0.01	0.01	7914165.8	562947.1	642.599	2.599	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1519	-	-	-	-	-	0.01	0.01	7914168.3	562941.43	641.692	1.692	ORE/WASTE: HEMATITE/BIF	NPAG
2018	Pit	640	N640087	1615	-	-	-	-	-	0.02	0.01	7914159	562954.16	644.103	4.103	ORE:HEMATITE	NPAG
2018	Pit	640	N640087	1621	-	-	-	-	-	0.06	0.01	7914166.4	562938.04	641.471	1.471	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1715	-	-	-	-	-	0.02	0.01	7914157.8	562949.96	643.724	3.724	WASTE: GREEN SCHIST	NPAG
2018	Pit	640	N640087	1719	-	-	-	-	-	0.01	0.01	7914162.7	562939.11	642	2	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1814	-	-	-	-	-	0.02	0.01	7914153.7	562951.6	644.229	4.229	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1820	-	-	-	-	-	0.07	0.01	7914161	562935.63	641.561	1.561	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	1918	-	-	-	-	-	0.08	0.01	7914155.8	562939.31	642.808	2.808	WASTE: GNEISS	NPAG
2018	Pit	640	N640087	2013	-	-	-	-	-	0.02	0.01	7914147	562951.79	644.604	4.604	WASTE: GNEISS	NPAG
2018	Pit	640	N640087	2015	-	-	-	-	-	0.13	0.01	7914149.5	562946.39	644.177	4.177	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	640	N640087	2017	-	-	-	-	-	0.07	0.01	7914152.2	562941.13	643.365	3.365	WASTE: GNEISS	NPAG
2018	Pit	640	N640087	2115	-	-	-	-	-	0.07	0.01	7914145.6	562948	644.233	4.233	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	640	N640087	2213	-	-	-	-	-	0.09	0.01	7914141.6	562948.99	644.718	4.718	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2215	-	-	-	-	-	0.17	0.01	7914144.1	562943.63	643.754	3.754	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2217	-	-	-	-	-	0.11	0.01	7914146.5	562938.41	642.944	2.944	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2312	-	-	-	-	-	0.06	0.01	7914137.6	562951.13	645.248	5.248	ORE:HEMATITE	NPAG
2018	Pit	640	N640087	2318	-	-	-	-	-	0.07	0.01	7914145.1	562934.45	642.429	2.429	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2411	-	-	-	-	-	0.06	0.01	7914133.2	562952.77	645.233	5.233	WASTE	NPAG
2018	Pit	640	N640087	2413	-	-	-	-	-	0.07	0.01	7914135.8	562946.74	644.559	4.559	WASTE	NPAG
2018	Pit	640	N640087	2415	-	-	-	-	-	0.31	0.01	7914138.5	562941.34	643.39	3.39	ORE:HEMATITE	NPAG
2018	Pit	640	N640087	2417	-	-	-	-	-	0.01	0.01	7914141	562935.92	642.81	2.81	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2420	-	-	-	-	-	0.05	0.01	7914144.6	562928.76	641.481	1.481	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2512	-	-	-	-	-	0.04	0.01	7914132.1	562948.78	644.92	4.92	ORE/WASTE: HEMATITE/BIF	NPAG
2018	Pit	640	N640087	2518	-	-	-	-	-	0.08	0.01	7914139.1	562931.7	642.362	2.362	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2612	-	-	-	-	-	0.03	0.01	7914128.1	562950.04	644.917	4.917	WASTE: CHLORITE SCHIST	NPAG
2018	Pit	640	N640087	2614	-	-	-	-	-	0.02	0.01	7914130.4	562944.73	644.032	4.032	ORE:WASTE	NPAG
2018	Pit	640	N640087	2616	-	-	-	-	-	0.13	0.01	7914132.8	562938.81	642.836	2.836	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2620	-	-	-	-	-	0.03	0.01	7914138.1	562927.9	641.962	1.962	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2712	-	-	-	-	-	0.04	0.01	7914125.3	562948.53	644.704	4.704	WASTE	NPAG
2018	Pit	640	N640087	2718	-	-	-	-	-	0.08	0.01	7914133.1	562932.55	642.265	2.265	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640087	2812	-	-	-	-	-	0.06	0.01	7914124.1	562944.94	643.808	3.808	ORE:HEMATITE	NPAG
2018	Pit	640	N640087	2814	-	-	-	-	-	0.01	0.01	7914126.1	562939.28	642.686	2.686	WASTE	NPAG
2018	Pit	640	N640089	1109	-	-	-	-	-	0.02	0.01	7914108.5	562963.97	645.471	5.471	ORE:HEMATITE	NPAG
2018	Pit	640	N640089	1115	-	-	-	-	-	0.01	0.01	7914115.8	562947.49	643.846	3.846	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640089	1208	-	-	-	-	-	0.03	0.01	7914104.4	562965.69	645.159	5.159	ORE:HEMATITE	NPAG
2018	Pit	640	N640089	1214	-	-	-	-	-	0.06	0.01	7914111.8	562949.71	643.845	3.845	ORE:HEMATITE	NPAG
2018	Pit	640	N640089	1316	-	-	-	-	-	0.02	0.01	7914111.7	562942.45	642.232	2.232	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	640	N640089	1412	-	-	-	-	-	0.18	0.01	7914103.7	562952.08	643.443	3.443	ORE/WASTE:RED CLAY ALTERATION/HEMATITE	NPAG
2018	Pit	640	N640089	1415	-	-	-	-	-	0.01	0.01	7914107.5	562944.22	642.21	2.21	ORE:WASTE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
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2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	640	N640089	1514	-	-	-	-	-	0.01	0.01	7914103.7	562945.29	642.167	2.167	ORE:WASTE	NPAG
2018	Pit	640	N640089	1613	-	-	-	-	-	0.01	0.01	7914099.8	562947.16	642.255	2.255	ORE:WASTE	NPAG
2018	Pit	640	N640089	2610	-	-	-	-	-	0.27	0.01	7914126	562954.96	645.12	5.12	ORE:HEMATITE/MAG	NPAG
2018	Pit	640	N640089	2810	-	-	-	-	-	0.02	0.01	7914121.2	562950.07	644.435	4.435	ORE:HEMATITE/MAG	NPAG
2018	Pit	640	N640093	1706	-	-	-	-	-	0.07	0.01	7913995.5	563007.13	642.954	2.954	ORE:HEMATITE	NPAG
2018	Pit	640	N640093	1916	-	-	-	-	-	0.08	0.01	7913979.2	563033.16	641.541	1.541	ORE:HEMATITE/MAG	NPAG
2018	Pit	640	N640094	5707	-	-	-	-	-	0.14	0.007	-	-	-	-	ORE:HEMATITE	NPAG
2018	Pit	645	N645001	2304	-	-	-	-	-	0.09	0.02	7914159.7	562992.69	646.568	1.568	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645001	2405	-	-	-	-	-	0.01	0.02	7914157.4	562989.74	647.013	2.013	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645001	2803	-	-	-	-	-	0.02	0.02	7914165.3	562979.53	645.753	0.753	ORE:HEMATITE	NPAG
2018	Pit	645	N645001	3003	-	-	-	-	-	0.12	0.01	7914166.6	562973.47	645.513	0.513	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645001	3005	-	-	-	-	-	0.01	0.01	7914160.9	562973	646.289	1.289	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645001	3103	-	-	-	-	-	0.01	0.01	7914167.1	562970.95	645.445	0.445	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645001	3205	-	-	-	-	-	0.01	0.01	7914162.3	562967.32	645.669	0.669	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645001	3210	-	-	-	-	-	0.04	0.01	7914148	562963.92	646.383	1.383	ORE/WASTE: HEMATITE/GNEISS	NPAG
2018	Pit	645	N645002	3113	-	-	-	-	-	0.01	0.03	7914139	562964.51	646.743	1.743	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	645	N645002	3119	-	-	-	-	-	0.01	0.02	7914121.9	562961.01	645.814	0.814	ORE/WASTE: HEMATITE/CHLORITE SCHIST	NPAG
2018	Pit	660	N660061	1105	-	-	-	-	-	0.05	0.01	7914801.9	563228.25	667.352	7.352	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1108	-	-	-	-	-	0.02	0.05	7914806.7	563223.02	667.335	7.335	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1111	-	-	-	-	-	0.02	0.01	7914811.9	563217.86	667.339	7.339	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1114	-	-	-	-	-	0.02	0.01	7914816.8	563212.98	667.361	7.361	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1117	-	-	-	-	-	0.02	0.04	7914822	563207.74	667.3	7.3	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1120	-	-	-	-	-	0.04	0.04	7914827	563202.51	667.243	7.243	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1123	-	-	-	-	-	0.2	0.02	7914831.9	563197.71	667.318	7.318	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1126	-	-	-	-	-	0.01	0.02	7914837.1	563192.24	667.195	7.195	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1304	-	-	-	-	-	0.04	0.01	7914796.4	563226.59	667.332	7.332	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1307	-	-	-	-	-	0.01	0.01	7914801.6	563221.27	667.238	7.238	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1310	-	-	-	-	-	0.02	0.02	7914806.7	563216.32	667.193	7.193	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1313	-	-	-	-	-	0.01	0.02	7914811.6	563211.26	667.267	7.267	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1316	-	-	-	-	-	0.02	0.02	7914816.7	563206.21	667.29	7.29	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1319	-	-	-	-	-	0.01	0.03	7914821.9	563201.06	667.156	7.156	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1322	-	-	-	-	-	0.03	0.02	7914826.9	563195.91	667.291	7.291	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660061	1325	-	-	-	-	-	0.01	0.04	7914832.1	563190.99	667.245	7.245	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1000	-	-	-	-	-	0.01	0.01	7914845.3	563299.15	667.415	7.415	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1003	-	-	-	-	-	0.01	0.03	7914836.9	563290.28	667.198	7.198	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1006	-	-	-	-	-	0.01	0.01	7914827.2	563281.37	667.184	7.184	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1009	-	-	-	-	-	0.01	0.01	7914818.2	563272.14	667.585	7.585	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1012	-	-	-	-	-	0.01	0.11	7914809.6	563262.24	667.405	7.405	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1015	-	-	-	-	-	0.01	0.02	7914800.4	563253.44	667.254	7.254	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1101	-	-	-	-	-	0.01	0.01	7914838.4	563297.5	667.355	7.355	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1104	-	-	-	-	-	0.01	0.02	7914829.1	563288.26	667.227	7.227	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1107	-	-	-	-	-	0.01	0.02	7914820.6	563278.68	667.306	7.306	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1110	-	-	-	-	-	0.01	0.06	7914811.1	563270.33	667.261	7.261	WASTE: GNEISS/GREEN	NPAG
2018	Pit	660	N660062	1113	-	-	-	-	-	0.01	0.03	7914802.1	563260.15	667.528	7.528	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1116	-	-	-	-	-	0.01	0.03	7914793.3	563251.7	667.359	7.359	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1202	-	-	-	-	-	0.01	0.01	7914831.4	563295.61	667.279	7.279	WASTE: GNEISS/GREEN	NPAG
2018	Pit	660	N660062	1205	-	-	-	-	-	0.01	0.01	7914822.6	563286.49	667.41	7.41	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1208	-	-	-	-	-	0.01	0.07	7914812.9	563276.66	667.475	7.475	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1211	-	-	-	-	-	0.01	0.02	7914804.4	563268.02	667.247	7.247	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1214	-	-	-	-	-	0.01	0.01	7914795	563258.6	667.506	7.506	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1301	-	-	-	-	-	0.01	0.01	7914830.2	563299.44	667.259	7.259	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1304	-	-	-	-	-	0.01	0.01	7914821.1	563290.36	667.265	7.265	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1307	-	-	-	-	-	0.01	0.03	7914812.4	563281.56	667.355	7.355	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1310	-	-	-	-	-	0.01	0.02	7914804.1	563272.94	667.641	7.641	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1313	-	-	-	-	-	0.01	0.13	7914795.8	563264.63	667.443	7.443	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
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2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	660	N660062	1401	-	-	-	-	-	0.01	0.01	7914826.2	563300.45	667.385	7.385	WASTE: GNEISS/GREEN	NPAG
2018	Pit	660	N660062	1404	-	-	-	-	-	0.01	0.01	7914817	563291.34	667.428	7.428	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	1407	-	-	-	-	-	0.01	0.05	7914808.3	563281.96	667.579	7.579	WASTE: TILL/GNEISS	NPAG
2018	Pit	660	N660062	1410	-	-	-	-	-	0.01	0.04	7914798.9	563272.73	667.497	7.497	WASTE: GNEISS/GREEN	NPAG
2018	Pit	660	N660062	901	-	-	-	-	-	0.01	0.02	7914846	563296.25	667.52	7.52	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	914	-	-	-	-	-	0.01	0.04	7914805.7	563257.34	667.307	7.307	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660062	917	-	-	-	-	-	0.01	0.01	7914797.8	563246.98	667.278	7.278	WASTE: GNEISS/GREEN	NPAG
2018	Pit	660	N660063	1002	-	-	-	-	-	0.08	0.01	7914793.3	563220.52	667.323	7.323	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1005	-	-	-	-	-	0.01	0.01	7914802.5	563211.6	667.154	7.154	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1008	-	-	-	-	-	0.01	0.01	7914811.2	563202.58	667.161	7.161	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1011	-	-	-	-	-	0.01	0.01	7914820.2	563193.23	667.049	7.049	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1014	-	-	-	-	-	0.01	0.01	7914829.3	563183.76	667.674	7.674	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1103	-	-	-	-	-	0.01	0.01	7914794.4	563213.37	667.507	7.507	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1106	-	-	-	-	-	0.01	0.01	7914804	563204.23	667.352	7.352	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1109	-	-	-	-	-	0.01	0.01	7914813	563194.84	666.937	6.937	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1112	-	-	-	-	-	0.01	0.03	7914822	563185.6	667.235	7.235	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1201	-	-	-	-	-	0.01	0.01	7914787.6	563215.52	667.547	7.547	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1204	-	-	-	-	-	0.02	0.03	7914795.9	563206.56	667.224	7.224	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1207	-	-	-	-	-	0.01	0.05	7914805.6	563196.95	667.113	7.113	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1210	-	-	-	-	-	0.03	0.05	7914814.9	563187.74	666.937	6.937	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1213	-	-	-	-	-	0.01	0.01	7914823.1	563178.27	667.3	7.3	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1302	-	-	-	-	-	0.03	0.01	7914790.1	563207.28	667.688	7.688	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1305	-	-	-	-	-	0.05	0.01	7914798.7	563199.28	667.262	7.262	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1308	-	-	-	-	-	0.01	0.04	7914807.5	563189.8	666.87	6.87	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1311	-	-	-	-	-	0.07	0.04	7914816.5	563180.83	667.23	7.23	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1400	-	-	-	-	-	0.01	0.01	7914783.3	563209.75	667.791	7.791	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1403	-	-	-	-	-	0.08	0.03	7914791.4	563201.02	667.414	7.414	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1406	-	-	-	-	-	0.01	0.03	7914800.6	563191.74	667.442	7.442	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1409	-	-	-	-	-	0.06	0.05	7914809.6	563181.88	667.296	7.296	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1412	-	-	-	-	-	0.04	0.02	7914819.1	563173.04	667.381	7.381	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1501	-	-	-	-	-	0.03	0.01	7914783.9	563203.06	667.637	7.637	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1504	-	-	-	-	-	0.03	0.04	7914793.5	563193.69	667.621	7.621	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1507	-	-	-	-	-	0.01	0.02	7914803.1	563184.92	667.31	7.31	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660063	1510	-	-	-	-	-	0.07	0.03	7914811.2	563175.21	667.225	7.225	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1002	-	-	-	-	-	0.01	0.01	7914865.2	563302.24	667.382	7.382	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1005	-	-	-	-	-	0.01	0.01	7914874.6	563310.65	667.3	7.3	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1100	-	-	-	-	-	0.01	0.01	7914861.4	563293.99	667.312	7.312	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1103	-	-	-	-	-	0.01	0.01	7914868.7	563301.22	667.378	7.378	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1201	-	-	-	-	-	0.01	0.18	7914866.1	563294.19	667.232	7.232	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1204	-	-	-	-	-	0.01	0.01	7914876.2	563302.51	667.237	7.237	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1302	-	-	-	-	-	0.01	0.04	7914873.5	563295.77	667.081	7.081	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1400	-	-	-	-	-	0.01	0.01	7914869.8	563290.04	666.763	6.763	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660064	1403	-	-	-	-	-	0.01	0.01	7914881	563296.16	666.968	6.968	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1000	-	-	-	-	-	0.01	0.02	7914856.7	563298.89	667.205	7.205	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1003	-	-	-	-	-	0.01	0.02	-	-	-	-	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1006	-	-	-	-	-	0.02	0.03	-	-	-	-	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1009	-	-	-	-	-	0.01	0.04	7914872.7	563314.17	666.969	6.969	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1202	-	-	-	-	-	0.01	0.03	7914854.7	563303.92	667.409	7.409	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1205	-	-	-	-	-	0.05	0.03	7914860.3	563309	667.406	7.406	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1208	-	-	-	-	-	0.01	0.07	7914865.5	563314.17	667.288	7.288	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1400	-	-	-	-	-	0.01	0.03	7914847.9	563304.33	667.168	7.168	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1403	-	-	-	-	-	0.01	0.03	7914853.1	563309.06	667.492	7.492	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660065	1406	-	-	-	-	-	0.01	0.02	7914858.9	563314.06	667.286	7.286	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1000	-	-	-	-	-	0.04	0.01	-	-	-	-	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1005	-	-	-	-	-	0.01	0.01	7914807.6	563155.49	667.69	7.69	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	660	N660067	1009	-	-	-	-	-	0.01	0.01	7914801.1	563148.92	667.598	7.598	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1102	-	-	-	-	-	0.08	0.01	7914809.3	563160.94	667.645	7.645	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1106	-	-	-	-	-	0.01	0.01	7914802.4	563153.46	667.637	7.637	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1204	-	-	-	-	-	0.02	0.01	7914803.9	563158.88	667.746	7.746	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1208	-	-	-	-	-	0.01	0.01	7914796.9	563151.88	668.03	8.03	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1306	-	-	-	-	-	0.03	0.01	7914798.1	563155.56	668.121	8.121	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1400	-	-	-	-	-	0.05	0.01	7914806.9	563169.54	667.194	7.194	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1408	-	-	-	-	-	0.01	0.01	7914793.5	563155.17	668.183	8.183	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1502	-	-	-	-	-	0.19	0.01	7914801.7	563167.77	667.411	7.411	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1506	-	-	-	-	-	0.05	0.01	7914794.8	563160.12	668.124	8.124	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1604	-	-	-	-	-	0.13	0.01	7914797	563165.67	667.633	7.633	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1608	-	-	-	-	-	0.01	0.01	-	-	-	-	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1707	-	-	-	-	-	0.04	0.01	7914791.1	563163.82	667.856	7.856	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	1805	-	-	-	-	-	0.07	0.01	7914793.1	563168.86	667.913	7.913	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2006	-	-	-	-	-	0.13	0.01	7914787.5	563167.35	667.625	7.625	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2104	-	-	-	-	-	0.01	0.01	7914789.8	563172.61	667.725	7.725	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2108	-	-	-	-	-	0.02	0.01	7914782.4	563165.28	667.853	7.853	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2202	-	-	-	-	-	0.26	0.01	7914791.1	563178.1	667.32	7.32	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2206	-	-	-	-	-	0.01	0.01	7914784.2	563170.72	667.796	7.796	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2304	-	-	-	-	-	0.01	0.01	7914786	563176.27	667.495	7.495	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2308	-	-	-	-	-	0.03	0.01	7914778.7	563168.9	667.821	7.821	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2402	-	-	-	-	-	0.07	0.01	7914787.5	563181.96	667.428	7.428	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2406	-	-	-	-	-	0.01	0.01	7914780.3	563174.39	667.484	7.484	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2508	-	-	-	-	-	0.08	0.01	7914775.2	563172.38	667.886	7.886	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2602	-	-	-	-	-	0.02	0.01	7914783.9	563184.89	667.35	7.35	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2606	-	-	-	-	-	0.01	0.01	7914777	563177.69	668.039	8.039	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2704	-	-	-	-	-	0.01	0.02	7914778.4	563182.62	667.53	7.53	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660067	2708	-	-	-	-	-	0.02	0.01	7914771.5	563175.96	668.021	8.021	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1000	-	-	-	-	-	0.01	0.02	7914861.3	563333.37	667.062	7.062	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1002	-	-	-	-	-	0.01	0.01	7914864.6	563329.54	667.104	7.104	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1004	-	-	-	-	-	0.01	0.01	7914867.8	563325.9	666.92	6.92	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1006	-	-	-	-	-	0.01	0.01	7914789.8	563172.61	667.725	7.725	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1008	-	-	-	-	-	0.01	0.01	7914874.9	563318.52	666.797	6.797	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1201	-	-	-	-	-	0.01	0.01	7914866.8	563334.89	667.052	7.052	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1203	-	-	-	-	-	0.01	0.01	7914870.2	563331.25	666.925	6.925	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1205	-	-	-	-	-	0.01	0.01	7914873.2	563327.24	666.799	6.799	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1207	-	-	-	-	-	0.01	0.01	7914876.6	563323.66	666.771	6.771	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1400	-	-	-	-	-	0.01	0.01	7914869.4	563340.06	667.289	7.289	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1402	-	-	-	-	-	0.12	0.01	7914872.1	563336.19	667.059	7.059	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1404	-	-	-	-	-	0.01	0.01	7914874.6	563332.87	666.982	6.982	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1406	-	-	-	-	-	0.01	0.01	7914879.1	563328.72	666.885	6.885	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1408	-	-	-	-	-	0.01	0.01	7914882.1	563324.97	666.838	6.838	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1410	-	-	-	-	-	0.01	0.01	7914885.2	563321.29	666.802	6.802	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1413	-	-	-	-	-	0.01	0.01	7914890.3	563315.7	667.399	7.399	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1601	-	-	-	-	-	0.01	0.01	7914874.3	563341.51	667.032	7.032	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1603	-	-	-	-	-	0.01	0.02	7914877.4	563338.02	667.094	7.094	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1607	-	-	-	-	-	0.01	0.01	7914884	563330.56	666.538	6.538	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1609	-	-	-	-	-	0.01	0.01	7914887.1	563326.61	666.747	6.747	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1612	-	-	-	-	-	0.01	0.01	7914892.3	563320.91	667.174	7.174	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1615	-	-	-	-	-	0.01	0.03	7914897.6	563315.88	667.42	7.42	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1618	-	-	-	-	-	0.01	0.04	7914902.5	563310.31	667.218	7.218	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1621	-	-	-	-	-	0.01	0.01	7914907.4	563304.2	666.842	6.842	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1624	-	-	-	-	-	0.01	0.01	7914911.8	563298.94	666.777	6.777	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1800	-	-	-	-	-	0.01	0.01	7914876	563346.68	667.064	7.064	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1804	-	-	-	-	-	0.01	0.01	7914882.9	563339.18	666.712	6.712	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	660	N660069	1808	-	-	-	-	-	0.01	0.02	7914889.5	563331.87	666.322	6.322	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660069	1819	-	-	-	-	-	0.01	0.05	7914908.3	563311.51	667.009	7.009	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1002	-	-	-	-	-	0.01	0.01	7914772.6	563166.08	668.165	8.165	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1004	-	-	-	-	-	0.01	0.08	7914779	563160.66	668.248	8.248	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1005	-	-	-	-	-	0.01	0.03	7914782.2	563157.91	668.203	8.203	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1007	-	-	-	-	-	0.01	0.01	7914787.9	563152.96	668.387	8.387	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1009	-	-	-	-	-	0.01	0.01	7914794.8	563146.88	668.225	8.225	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1103	-	-	-	-	-	0.05	0.01	7914773.1	563160.38	667.941	7.941	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1104	-	-	-	-	-	0.01	0.01	7914776.2	563157.35	668.327	8.327	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1106	-	-	-	-	-	0.01	0.03	7914782.5	563151.98	668.337	8.337	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1107	-	-	-	-	-	0.01	0.02	7914786.3	563148.95	668.302	8.302	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1109	-	-	-	-	-	0.05	0.01	7914791.6	563143.45	668.127	8.127	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1202	-	-	-	-	-	0.01	0.01	7914766.9	563159.63	668.089	8.089	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1204	-	-	-	-	-	0.01	0.01	7914773.5	563154.48	668.197	8.197	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1206	-	-	-	-	-	0.09	0.02	7914779.7	563148.83	668.428	8.428	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1208	-	-	-	-	-	0.02	0.01	7914786	563142.75	668.135	8.135	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1303	-	-	-	-	-	0.07	0.01	7914767.5	563154.04	667.987	7.987	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1305	-	-	-	-	-	0.01	0.11	7914773.8	563148.48	668.328	8.328	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1307	-	-	-	-	-	0.01	0.01	7914780.6	563143.08	668.17	8.17	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1308	-	-	-	-	-	0.01	0.04	7914783.4	563139.88	668.187	8.187	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1309	-	-	-	-	-	0.1	0.01	7914786.6	563136.76	668.161	8.161	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1310	-	-	-	-	-	0.01	0.01	7914789.8	563134.59	668.085	8.085	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1402	-	-	-	-	-	0.08	0.01	7914762.2	563152.97	667.869	7.869	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1404	-	-	-	-	-	0.01	0.12	7914767.9	563148.15	667.967	7.967	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1409	-	-	-	-	-	0.01	0.01	7914783.5	563134.28	668.209	8.209	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1509	-	-	-	-	-	0.12	0.01	7914780.9	563131.22	668.073	8.073	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	660	N660073	1510	-	-	-	-	-	0.01	0.01	7914783.5	563127.81	668.035	8.035	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1007	-	-	-	-	-	0.59	0.018	7914789.6	563156.22	675.476	8.476	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1009	-	-	-	-	-	0.54	0.021	7914793.1	563159.36	675.385	8.385	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1201	-	-	-	-	-	0.13	0.01	7914782	563143.37	674.669	7.669	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1204	-	-	-	-	-	0.04	0.008	7914787.3	563148.25	675.17	8.17	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1207	-	-	-	-	-	0.54	0.012	7914792.6	563152.71	675.532	8.532	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1210	-	-	-	-	-	0.23	0.01	7914798	563157.39	675.636	8.636	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1400	-	-	-	-	-	1.09	0.019	7914783.6	563138.54	673.246	6.246	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1403	-	-	-	-	-	0.31	0.028	7914788.8	563143.37	674	7	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1409	-	-	-	-	-	0.28	0.022	7914799.3	563152.77	675.182	8.182	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1412	-	-	-	-	-	0.29	0.01	7914804.5	563157.72	675.412	8.412	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1702	-	-	-	-	-	0.12	0.026	7914792.2	563137.51	672.451	5.451	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1706	-	-	-	-	-	0.3	0.007	7914799.1	563144.04	673.771	6.771	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1710	-	-	-	-	-	0.07	0.005	7914806.3	563150.36	674.943	7.943	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1713	-	-	-	-	-	0.09	0.008	7914811.6	563155.27	673.792	6.792	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1716	-	-	-	-	-	0.08	0.03	7914817.7	563159.27	672.935	5.935	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1819	-	-	-	-	-	0.15	0.003	7914822.8	563162.75	672.252	5.252	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1822	-	-	-	-	-	0.09	0.02	7914828.1	563167.46	671.989	4.989	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1825	-	-	-	-	-	0.01	0.02	7914833.3	563172.45	672.218	5.218	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1900	-	-	-	-	-	0.09	0.004	7914791.8	563131.03	670.902	3.902	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1904	-	-	-	-	-	0.09	0.005	7914798.7	563137.53	671.069	4.069	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1907	-	-	-	-	-	0.22	0.005	7914804	563142.25	673.037	6.037	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1911	-	-	-	-	-	0.02	0.003	7914810.9	563148.94	673.038	6.038	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1914	-	-	-	-	-	0.8	0.022	7914816.4	563153.7	672.586	5.586	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1917	-	-	-	-	-	0.16	0.003	7914821.7	563158.45	672.127	5.127	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1920	-	-	-	-	-	0.06	0.008	7914826.9	563163.44	671.827	4.827	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1923	-	-	-	-	-	0.01	0.04	7914832.1	563168.37	671.735	4.735	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667053	1926	-	-	-	-	-	0.1	0.023	7914837.5	563173.26	672.882	5.882	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1001	-	-	-	-	-	0.01	0.03	7914728.6	563182.75	677.141	10.141	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	667	N667054	1004	-	-	-	-	-	0.01	0.01	7914734.6	563176.26	677.366	10.366	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1007	-	-	-	-	-	0.01	0.01	7914741.7	563168.78	676.677	9.677	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1010	-	-	-	-	-	0.06	0.02	7914749.5	563161.55	675.696	8.696	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1013	-	-	-	-	-	0.02	0.01	7914756.7	563153.82	675.502	8.502	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1101	-	-	-	-	-	0.01	0.02	7914727.7	563179.4	677.234	10.234	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1105	-	-	-	-	-	0.01	0.02	7914736.1	563170.32	676.889	9.889	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1108	-	-	-	-	-	0.01	0.01	7914743.8	563163.09	676.089	9.089	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1111	-	-	-	-	-	0.01	0.02	7914751.4	563155.86	675.453	8.453	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1114	-	-	-	-	-	0.09	0.01	7914759.1	563148.58	675.334	8.334	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1201	-	-	-	-	-	0.01	0.01	7914723.4	563178.21	677.145	10.145	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1204	-	-	-	-	-	0.01	0.01	7914730.4	563171.84	677.046	10.046	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1207	-	-	-	-	-	0.01	0.06	7914737.5	563164.27	676.302	9.302	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1210	-	-	-	-	-	0.01	0.01	7914745.1	563157.09	675.591	8.591	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1213	-	-	-	-	-	0.07	0.01	7914752.6	563150.34	675.526	8.526	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1302	-	-	-	-	-	0.01	0.01	7914724.4	563172.92	677.024	10.024	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1305	-	-	-	-	-	0.01	0.01	7914731.3	563165.3	676.524	9.524	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1308	-	-	-	-	-	0.01	0.08	7914738.9	563158.08	675.684	8.684	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1311	-	-	-	-	-	0.06	0.01	7914746.9	563151.14	675.813	8.813	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1401	-	-	-	-	-	0.01	0.01	7914718.9	563173.79	677.03	10.03	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1404	-	-	-	-	-	0.01	0.01	7914725.6	563166.76	676.607	9.607	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1407	-	-	-	-	-	0.01	0.08	7914732.7	563159.34	675.957	8.957	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1410	-	-	-	-	-	0.06	0.01	7914740.5	563152.25	675.483	8.483	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1502	-	-	-	-	-	0.01	0.01	7914719.5	563167.78	676.563	9.563	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1505	-	-	-	-	-	0.01	0.01	7914726.8	563160.2	676.048	9.048	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1508	-	-	-	-	-	0.03	0.01	7914734.2	563153.09	675.504	8.504	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1601	-	-	-	-	-	0.01	0.01	7914713.5	563168.34	676.337	9.337	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1604	-	-	-	-	-	0.01	0.02	7914721.4	563161.55	676.058	9.058	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1607	-	-	-	-	-	0.02	0.03	7914727.8	563154.46	675.719	8.719	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1610	-	-	-	-	-	0.01	0.03	7914735.4	563146.82	675.564	8.564	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1702	-	-	-	-	-	0.01	0.01	7914714.3	563162.75	675.92	8.92	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1705	-	-	-	-	-	0.01	0.01	7914721.6	563155.51	675.797	8.797	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1708	-	-	-	-	-	0.01	0.01	7914729.5	563148.03	675.439	8.439	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1801	-	-	-	-	-	0.01	0.01	7914709.1	563162.86	675.732	8.732	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1804	-	-	-	-	-	0.01	0.01	7914715.6	563156.7	675.749	8.749	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1807	-	-	-	-	-	0.03	0.01	7914722.9	563149.34	675.342	8.342	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1809	-	-	-	-	-	0.01	0.01	7914724.4	563143.45	674.978	7.978	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1902	-	-	-	-	-	0.01	0.02	7914709	563157.76	675.562	8.562	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667054	1905	-	-	-	-	-	0.01	0.01	7914716.9	563150.39	675.408	8.408	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1102	-	-	-	-	-	0.01	0.01	7914728.3	563139.61	674.011	7.011	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1105	-	-	-	-	-	0.05	0.01	7914736.3	563141.66	674.356	7.356	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1108	-	-	-	-	-	0.01	0.01	7914743.6	563142.88	674.567	7.567	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1303	-	-	-	-	-	0.01	0.01	7914732.8	563135.73	673.375	6.375	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1307	-	-	-	-	-	0.01	0.01	7914742.3	563138.08	674.442	7.442	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1310	-	-	-	-	-	0.01	0.01	7914749.5	563140.06	675.17	8.17	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1314	-	-	-	-	-	0.01	0.01	7914759.2	563142.58	675.152	8.152	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1318	-	-	-	-	-	0.01	0.1	7914767.9	563143.36	674.908	7.908	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1504	-	-	-	-	-	0.01	0.01	7914736.4	563131.31	674.083	7.083	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1508	-	-	-	-	-	0.01	0.01	7914746.1	563134	674.424	7.424	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1512	-	-	-	-	-	0.01	0.01	7914755.6	563136.58	674.976	7.976	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1516	-	-	-	-	-	0.01	0.07	7914765.4	563138.97	674.909	7.909	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667055	1520	-	-	-	-	-	0.01	0.1	7914774	563141.45	674.769	7.769	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1000	-	-	-	-	-	0.01	0.01	7914740.4	563124.37	672.13	5.13	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1003	-	-	-	-	-	0.12	0.01	7914747.2	563126.33	671.885	4.885	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1006	-	-	-	-	-	0.03	0.06	7914754.7	563128.7	672.011	5.011	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1009	-	-	-	-	-	0.01	0.01	7914761.6	563130.93	672.781	5.781	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	667	N667056	1012	-	-	-	-	-	0.01	0.09	7914768.9	563132.95	674.266	7.266	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1015	-	-	-	-	-	0.24	0.01	7914776.6	563134.43	672.95	5.95	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1203	-	-	-	-	-	0.03	0.07	7914748.8	563122.34	671.054	4.054	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1205	-	-	-	-	-	0.06	0.04	7914753.2	563123.45	670.983	3.983	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1208	-	-	-	-	-	0.16	0.01	7914760.5	563125.26	671.425	4.425	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1211	-	-	-	-	-	0.01	0.07	7914767.8	563127.4	671.938	4.938	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1214	-	-	-	-	-	0.13	0.01	7914775.1	563129.11	671.804	4.804	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1217	-	-	-	-	-	0.1	0.01	7914782.4	563130.89	671.929	4.929	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1404	-	-	-	-	-	0.11	0.01	7914753.1	563117.56	670.033	3.033	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1407	-	-	-	-	-	0.04	0.01	7914759.4	563119.86	670.593	3.593	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1410	-	-	-	-	-	0.07	0.01	7914766.9	563121.5	670.452	3.452	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1413	-	-	-	-	-	0.15	0.01	7914774.3	563123.65	670.529	3.529	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1416	-	-	-	-	-	0.17	0.01	7914781	563125.38	670.862	3.862	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1419	-	-	-	-	-	0.05	0.01	7914787.3	563127.2	670.669	3.669	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1604	-	-	-	-	-	0.04	0.01	7914753.3	563112.96	669.32	2.32	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1607	-	-	-	-	-	0.1	0.01	7914760.6	563115.01	669.639	2.639	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1610	-	-	-	-	-	0.06	0.01	7914768.2	563116.68	669.527	2.527	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1613	-	-	-	-	-	0.08	0.01	7914775	563118.73	669.406	2.406	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1616	-	-	-	-	-	0.08	0.01	7914782.5	563120.9	669.567	2.567	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1619	-	-	-	-	-	0.01	0.01	7914789.8	563122.62	669.835	2.835	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1806	-	-	-	-	-	0.13	0.01	7914759.7	563109.77	668.41	1.41	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1809	-	-	-	-	-	0.13	0.01	7914767	563111.35	668.291	1.291	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1812	-	-	-	-	-	0.06	0.01	7914773.9	563113.42	668.636	1.636	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1815	-	-	-	-	-	0.06	0.01	7914781.3	563115.3	668.648	1.648	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667056	1818	-	-	-	-	-	0.03	0.09	7914788.8	563117.08	669.242	2.242	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1002	-	-	-	-	-	0.01	0.01	7914697.8	563175.38	674.395	7.395	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1004	-	-	-	-	-	0.01	0.06	7914701.2	563171.92	674.271	7.271	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1100	-	-	-	-	-	0.01	0.01	7914692.5	563177.04	674.544	7.544	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1103	-	-	-	-	-	0.01	0.01	7914697.7	563171.58	674.307	7.307	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1201	-	-	-	-	-	0.01	0.01	7914692.5	563173.57	674.578	7.578	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1303	-	-	-	-	-	0.01	0.02	7914694.1	563168.19	674.494	7.494	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1400	-	-	-	-	-	0.04	0.03	7914687	563171.67	674.889	7.889	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1404	-	-	-	-	-	0.01	0.03	7914694.1	563164.76	674.523	7.523	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1412	-	-	-	-	-	0.25	0.03	7914708.2	563150.65	675.29	8.29	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1416	-	-	-	-	-	0.01	0.03	7914715.1	563143.04	674.769	7.769	WASTE	NPAG
2018	Pit	667	N667059	1419	-	-	-	-	-	0.07	0.02	7914720.5	563139.02	674.103	7.103	WASTE	NPAG
2018	Pit	667	N667059	1501	-	-	-	-	-	0.01	0.02	7914687.3	563167.98	674.884	7.884	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1505	-	-	-	-	-	0.01	0.02	7914694.4	563161.34	674.601	7.601	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1509	-	-	-	-	-	0.02	0.02	7914701.7	563154.39	675.32	8.32	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1513	-	-	-	-	-	0.01	0.03	7914708.5	563147.48	675.115	8.115	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1517	-	-	-	-	-	0.05	0.03	7914716	563140.58	674.724	7.724	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1600	-	-	-	-	-	0.01	0.02	7914683.6	563168.25	675.043	8.043	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1603	-	-	-	-	-	0.06	0.01	7914689.1	563162.99	674.753	7.753	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1607	-	-	-	-	-	0.05	0.03	7914696.3	563156.03	674.915	7.915	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1611	-	-	-	-	-	0.01	0.03	7914703.4	563149.33	675.215	8.215	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1615	-	-	-	-	-	0.1	0.02	7914710.4	563142.07	674.868	7.868	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1618	-	-	-	-	-	0.02	0.01	7914716	563136.98	674.431	7.431	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1701	-	-	-	-	-	0.05	0.01	7914683.7	563164.55	674.91	7.91	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1704	-	-	-	-	-	0.01	0.01	7914689	563159.14	674.739	7.739	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1708	-	-	-	-	-	0.01	0.04	7914696.1	563152.28	674.758	7.758	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1710	-	-	-	-	-	0.01	0.01	7914699.9	563149.15	675.113	8.113	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1712	-	-	-	-	-	0.01	0.01	7914703.6	563145.55	675.18	8.18	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1714	-	-	-	-	-	0.06	0.01	7914707	563142.31	675.199	8.199	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1716	-	-	-	-	-	0.06	0.03	7914710.7	563138.59	674.904	7.904	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1807	-	-	-	-	-	0.01	0.01	7914692.7	563152.4	674.521	7.521	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	667	N667059	1811	-	-	-	-	-	0.01	0.01	7914700.1	563145.68	675.124	8.124	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1815	-	-	-	-	-	0.01	0.01	7914707.1	563138.61	675.368	8.368	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1819	-	-	-	-	-	0.02	0.01	7914714.2	563131.57	673.7	6.7	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1902	-	-	-	-	-	0.06	0.01	7914682.1	563159.06	674.954	7.954	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1905	-	-	-	-	-	0.01	0.01	7914687.3	563153.77	674.705	7.705	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1909	-	-	-	-	-	0.05	0.04	7914694.7	563146.99	674.893	7.893	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1913	-	-	-	-	-	0.01	0.03	7914701.9	563140.02	674.815	7.815	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	1917	-	-	-	-	-	0.03	0.01	7914709	563133.21	675.064	8.064	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2001	-	-	-	-	-	0.01	0.01	7914678.4	563158.96	675.001	8.001	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2004	-	-	-	-	-	0.01	0.01	7914683.9	563153.89	674.888	7.888	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2008	-	-	-	-	-	0.05	0.01	7914691.2	563147.24	674.755	7.755	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2012	-	-	-	-	-	0.06	0.01	7914698.3	563139.98	674.904	7.904	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2016	-	-	-	-	-	0.04	0.01	7914705.5	563133.05	674.979	7.979	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2100	-	-	-	-	-	0.01	0.01	7914675.2	563158.98	675.069	8.069	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2103	-	-	-	-	-	0.02	0.01	7914680.4	563153.98	674.976	7.976	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2106	-	-	-	-	-	0.09	0.01	7914685.9	563148.58	674.716	7.716	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2110	-	-	-	-	-	0.08	0.01	7914692.9	563141.77	674.813	7.813	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2114	-	-	-	-	-	0.01	0.01	7914700	563134.77	675.025	8.025	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2205	-	-	-	-	-	0.02	0.01	7914682.2	563148.77	674.828	7.828	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2209	-	-	-	-	-	0.04	0.01	7914689.5	563141.77	674.885	7.885	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2213	-	-	-	-	-	0.04	0.01	7914696.4	563134.64	674.884	7.884	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2301	-	-	-	-	-	0.01	0.01	7914673	563153.68	674.853	7.853	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2307	-	-	-	-	-	0.14	0.05	7914684.1	563143.51	674.81	7.81	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2311	-	-	-	-	-	0.06	0.01	7914691.3	563136.6	674.74	7.74	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2315	-	-	-	-	-	0.01	0.03	7914698.5	563129.6	674.833	7.833	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2405	-	-	-	-	-	0.03	0.01	7914678.8	563145.04	674.978	7.978	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2409	-	-	-	-	-	0.03	0.01	7914686	563138.13	674.709	7.709	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2413	-	-	-	-	-	0.11	0.01	7914693.1	563131.34	674.883	7.883	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2501	-	-	-	-	-	0.01	0.04	7914669.8	563150.17	674.771	7.771	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2502	-	-	-	-	-	0.01	0.01	7914671.5	563148.24	674.646	7.646	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2504	-	-	-	-	-	0.03	0.02	7914675.1	563145.1	674.778	7.778	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2508	-	-	-	-	-	0.26	0.01	7914682.5	563138.03	674.695	7.695	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2512	-	-	-	-	-	0.14	0.02	7914689.7	563131.31	674.751	7.751	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2600	-	-	-	-	-	0.01	0.04	7914666.1	563150.31	674.632	7.632	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2606	-	-	-	-	-	0.2	0.02	7914676.9	563139.7	674.842	7.842	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2610	-	-	-	-	-	0.06	0.01	7914684.3	563132.99	674.837	7.837	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2613	-	-	-	-	-	0.13	0.02	7914689.7	563127.84	674.701	7.701	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2702	-	-	-	-	-	0.03	0.02	7914668.1	563144.89	674.796	7.796	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2705	-	-	-	-	-	0.4	0.05	7914673.4	563139.53	674.698	7.698	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2709	-	-	-	-	-	0.16	0.01	7914680.6	563132.61	674.697	7.697	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2712	-	-	-	-	-	0.35	0.01	7914686.2	563127.52	674.637	7.637	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2801	-	-	-	-	-	0.01	0.08	7914664.5	563144.67	674.612	7.612	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2807	-	-	-	-	-	0.22	0.01	7914675.2	563134.44	674.65	7.65	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2811	-	-	-	-	-	0.13	0.02	7914682.5	563127.32	674.773	7.773	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2902	-	-	-	-	-	0.05	0.01	7914664.7	563141.21	674.68	7.68	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	2909	-	-	-	-	-	0.12	0.05	7914677.4	563129.08	674.78	7.78	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3001	-	-	-	-	-	0.02	0.06	7914661.1	563141.23	674.512	7.512	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3004	-	-	-	-	-	0.01	0.04	7914666.6	563136.04	674.451	7.451	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3006	-	-	-	-	-	0.2	0.01	7914670.1	563132.43	674.151	7.151	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3008	-	-	-	-	-	0.08	0.02	7914673.4	563129.07	674.464	7.464	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3100	-	-	-	-	-	0.01	0.02	7914657.4	563140.86	674.491	7.491	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3102	-	-	-	-	-	0.6	0.01	7914660.8	563137.53	674.568	7.568	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3103	-	-	-	-	-	0.03	0.01	7914662.9	563135.72	674.376	7.376	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3202	-	-	-	-	-	0.01	0.01	7914659.3	563135.9	674.299	7.299	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3205	-	-	-	-	-	0.01	0.01	7914664.8	563130.82	674.411	7.411	WASTE: SILICIFIED GRANITE	NPAG

TABLE E.6.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
DEPOSIT NO. 1 WASTE ROCK - NPAG GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	BENCH	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO3/1Kt)	MPA (tCaCO3/1Kt)	NNP (tCaCO3/1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Pit	667	N667059	3301	-	-	-	-	-	0.01	0.01	7914655.8	563135.95	674.463	7.463	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3303	-	-	-	-	-	0.01	0.07	7914659.3	563132.07	674.333	7.333	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3402	-	-	-	-	-	0.01	0.02	7914655.8	563132.08	674.34	7.34	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3404	-	-	-	-	-	0.01	0.03	7914659.3	563128.69	674.426	7.426	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3501	-	-	-	-	-	0.01	0.05	7914652.5	563131.94	674.191	7.191	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3600	-	-	-	-	-	0.01	0.07	7914649.1	563132.02	674.266	7.266	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3603	-	-	-	-	-	0.02	0.06	7914654.6	563126.64	674.515	7.515	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3702	-	-	-	-	-	0.04	0.01	7914650.4	563126.9	674.446	7.446	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3801	-	-	-	-	-	0.01	0.02	7914647.3	563126.93	674.318	7.318	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3803	-	-	-	-	-	0.03	0.02	7914650.8	563123.31	674.1	7.1	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	3902	-	-	-	-	-	0.08	0.03	7914647.6	563123.48	674.425	7.425	WASTE: SILICIFIED GRANITE	NPAG
2018	Pit	667	N667059	4001	-	-	-	-	-	0.04	0.03	7914643.7	563123.15	674.273	7.273	WASTE: SILICIFIED GRANITE	NPAG

Notes:
*Laboratory detection limit (LDL) = 0.01%; Non-detects are reported as half the LDL (0.005%).