

APPENDIX E.7

QUARRY GEOCHEMISTRY ANALYTICAL SAMPLING RESULTS

TABLE E.7.1

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
QMR2 QUARRY - GEOCHEMISTRY SUMMARY STATISTICS
ANALYTICAL SAMPLING RESULTS - 2018

S(%) >0.2	FIZZ RATING	NP	MPA	MNP	RATIO (NP:MNP)	C (%)*	S (%)*
		t CaCO ₃ /1000t	t CaCO ₃ /1000t	t CaCO ₃ /1000t			
COUNT	16	16	16	16	16	16	16
MIN	1	14	6	-9	0.6	0.010	0.200
MAX	1	28	23	14	2.6	0.120	0.720
MEAN	1	19	12	7	1.8	0.027	0.385

S(%) <0.2	FIZZ RATING	NP	MPA	MNP	RATIO (NP:MNP)	C (%)*	S (%)*
		t CaCO ₃ /1000t	t CaCO ₃ /1000t	t CaCO ₃ /1000t			
COUNT	0	0	0	0	0	269	269
MIN	-	-	-	-	-	0.010	0.010
MAX	-	-	-	-	-	1.120	0.190
MEAN	-	-	-	-	-	0.043	0.023

Notes:

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

TABLE E.7.2
BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT
2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
QMR2 QUARRY - GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018

YEAR	LOCATION	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	QMR2	QMR2 1210 019	1409	-	-	-	-	-	0.01	0.01	7914310	560007	217	6.8	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1306	-	-	-	-	-	0.01	0.01	7914307	560003	216	5.6	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1601	-	-	-	-	-	0.01	0.01	7914299	559996	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1202	-	-	-	-	-	0.01	0.01	7914303	559998	215	5.2	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1801	-	-	-	-	-	0.01	0.01	7914300	560000	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1508	-	-	-	-	-	0.01	0.01	7914310	560001	217	6.7	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1704	-	-	-	-	-	0.01	0.01	7914309	559996	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1311	-	-	-	-	-	0.01	0.01	7914310	560014	217	6.7	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1515	-	-	-	-	-	0.01	0.01	7914315	560017	217	6.7	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1612	-	-	-	-	-	0.01	0.01	7914316	560012	217	6.9	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1710	-	-	-	-	-	0.01	0.01	7914315	560004	216	6.5	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1811	-	-	-	-	-	0.01	0.01	7914319	560008	217	6.5	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1617	-	-	-	-	-	0.01	0.01	7914319	560023	216	6.4	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1305	-	-	-	-	-	0.01	0.01	7914308	559986	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1814	-	-	-	-	-	0.02	0.01	7914321	560015	216	6.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1315	-	-	-	-	-	0.01	0.01	7914313	560022	216	5.7	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1816	-	-	-	-	-	0.01	0.01	7914322	560019	217	6.7	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1606	-	-	-	-	-	0.01	0.01	7914312	559992	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1200	-	-	-	-	-	0.01	0.01	7914302	559993	215	5.3	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1000	-	-	-	-	-	0.05	0.01	7914299	559997	216	5.7	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2712	-	-	-	-	-	0.01	0.01	7914325	560086	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3121	-	-	-	-	-	0.01	0.01	7914323	560063	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3231	-	-	-	-	-	0.01	0.01	7914327	560041	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3422	-	-	-	-	-	0.01	0.01	7914317	560061	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3508	-	-	-	-	-	0.01	0.01	7914307	560092	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3611	-	-	-	-	-	0.01	0.01	7914307	560085	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3712	-	-	-	-	-	0.01	0.01	7914306	560081	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3735	-	-	-	-	-	0.01	0.01	7914320	560028	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3831	-	-	-	-	-	0.01	0.01	7914315	560038	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1001	-	-	-	-	-	0.06	0.01	7914368	560094	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1009	-	-	-	-	-	0.01	0.01	7914350	560099	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1013	-	-	-	-	-	0.01	0.01	7914341	560102	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1017	-	-	-	-	-	0.03	0.01	7914332	560105	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1214	-	-	-	-	-	0.03	0.01	7914339	560106	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1218	-	-	-	-	-	0.03	0.01	7914330	560109	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1308	-	-	-	-	-	0.02	0.01	7914353	560105	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1312	-	-	-	-	-	0.06	0.01	7914343	560108	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1316	-	-	-	-	-	0.01	0.01	7914334	560110	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1407	-	-	-	-	-	0.01	0.01	7914357	560106	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1411	-	-	-	-	-	0.04	0.01	7914347	560109	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1415	-	-	-	-	-	0.02	0.01	7914338	560111	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1419	-	-	-	-	-	0.03	0.01	7914329	560114	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1608	-	-	-	-	-	0.04	0.01	7914356	560111	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1612	-	-	-	-	-	0.03	0.01	7914346	560114	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1616	-	-	-	-	-	0.01	0.01	7914337	560116	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1620	-	-	-	-	-	0.07	0.01	7914328	560119	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1318	-	-	-	-	-	0.01	0.01	7914412	560085	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1510	-	-	-	-	-	0.01	0.01	7914393	560092	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1510	-	-	-	-	-	0.01	0.01	7914393	560092	234	10.0	Granodiorite	NPAG

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2018	QMR2	QMR2 1225 010	1513	-	-	-	-	-	0.02	0.01	7914400	560091	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1519	-	-	-	-	-	0.01	0.01	7914415	560089	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1712	-	-	-	-	-	0.01	0.01	7914398	560096	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2509	-	-	-	-	-	0.01	0.01	7914393	560117	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2710	-	-	-	-	-	0.01	0.01	7914396	560122	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2903	-	-	-	-	-	0.01	0.01	7914379	560129	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2906	-	-	-	-	-	0.01	0.01	7914387	560128	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2909	-	-	-	-	-	0.01	0.01	7914394	560127	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2912	-	-	-	-	-	0.01	0.01	7914402	560126	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2915	-	-	-	-	-	0.01	0.01	7914409	560125	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2915	-	-	-	-	-	0.03	0.01	7914409	560125	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2918	-	-	-	-	-	0.01	0.01	7914416	560125	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1017	-	-	-	-	-	0.01	0.01	7914374	560133	237	13.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1101	-	-	-	-	-	0.01	0.01	7914414	560128	240	15.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1104	-	-	-	-	-	0.01	0.01	7914407	560129	240	15.7	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1115	-	-	-	-	-	0.02	0.01	7914380	560135	238	14.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1118	-	-	-	-	-	0.01	0.01	7914372	560136	236	12.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1216	-	-	-	-	-	0.01	0.01	7914378	560138	238	14.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1303	-	-	-	-	-	0.01	0.01	7914410	560134	241	16.7	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1308	-	-	-	-	-	0.01	0.01	7914398	560136	240	15.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1308	-	-	-	-	-	0.01	0.01	7914398	560136	240	15.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1311	-	-	-	-	-	0.01	0.01	7914390	560138	239	14.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1315	-	-	-	-	-	0.01	0.01	7914381	560140	237	13.4	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1318	-	-	-	-	-	0.01	0.01	7914373	560141	236	11.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1413	-	-	-	-	-	0.01	0.01	7914386	560141	238	14.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1417	-	-	-	-	-	0.08	0.01	7914376	560143	236	12.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1509	-	-	-	-	-	0.01	0.01	7914396	560142	239	14.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1512	-	-	-	-	-	0.01	0.01	7914389	560143	239	14.5	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1616	-	-	-	-	-	0.01	0.01	7914380	560148	238	13.5	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1713	-	-	-	-	-	0.01	0.01	7914388	560148	238	14.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1715	-	-	-	-	-	0.01	0.01	7914383	560149	238	13.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1817	-	-	-	-	-	0.03	0.01	7914378	560153	237	12.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1903	-	-	-	-	-	0.01	0.01	7914413	560149	240	15.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1911	-	-	-	-	-	0.01	0.01	7914393	560153	239	14.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1914	-	-	-	-	-	0.01	0.01	7914386	560154	238	14.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2016	-	-	-	-	-	0.01	0.01	7914381	560158	237	13.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2112	-	-	-	-	-	0.01	0.01	7914392	560158	239	14.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2115	-	-	-	-	-	0.06	0.01	7914384	560159	238	13.6	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2217	-	-	-	-	-	0.01	0.01	7914380	560163	237	13.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2304	-	-	-	-	-	0.01	0.01	7914412	560159	239	15.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2307	-	-	-	-	-	0.01	0.01	7914405	560160	239	14.5	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2310	-	-	-	-	-	0.03	0.01	7914398	560162	239	14.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2313	-	-	-	-	-	0.01	0.01	7914390	560163	239	14.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2505	-	-	-	-	-	0.01	0.01	7914411	560164	239	15.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2511	-	-	-	-	-	0.01	0.01	7914396	560167	238	13.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2514	-	-	-	-	-	0.01	0.01	7914389	560169	238	14.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2516	-	-	-	-	-	0.01	0.01	7914384	560170	238	13.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2707	-	-	-	-	-	0.01	0.01	7914387	560124	238	13.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2710	-	-	-	-	-	0.03	0.01	7914395	560123	238	14.4	Granodiorite	NPAG

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2018	QMR2	QMR2 1225 011	2716	-	-	-	-	-	0.15	0.01	7914412	560121	239	15.3	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	803	-	-	-	-	-	0.03	0.01	7914393	560060	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1004	-	-	-	-	-	0.07	0.01	7914390	560064	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1105	-	-	-	-	-	0.11	0.01	7914387	560066	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1402	-	-	-	-	-	0.48	0.01	7914392	560076	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1404	-	-	-	-	-	0.05	0.01	7914387	560073	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1505	-	-	-	-	-	0.63	0.01	7914384	560076	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1507	-	-	-	-	-	0.22	0.01	7914379	560074	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1603	-	-	-	-	-	0.19	0.01	7914388	560079	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1804	-	-	-	-	-	0.26	0.01	7914384	560083	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1806	-	-	-	-	-	0.76	0.01	7914379	560082	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1905	-	-	-	-	-	0.81	0.01	7914381	560085	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2003	-	-	-	-	-	0.86	0.01	7914385	560089	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2203	-	-	-	-	-	0.11	0.01	7914383	560094	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2204	-	-	-	-	-	0.39	0.01	7914381	560093	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2208	-	-	-	-	-	0.05	0.01	7914371	560091	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2403	-	-	-	-	-	0.07	0.01	7914381	560098	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2604	-	-	-	-	-	0.07	0.01	7914377	560102	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2606	-	-	-	-	-	0.15	0.01	7914373	560101	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2803	-	-	-	-	-	0.14	0.01	7914378	560108	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	3002	-	-	-	-	-	0.05	0.01	7914379	560113	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	3004	-	-	-	-	-	1.12	0.01	7914374	560112	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1002	-	-	-	-	-	0.01	0.01	7914319	560183	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1005	-	-	-	-	-	0.03	0.01	7914325	560182	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1008	-	-	-	-	-	0.07	0.01	7914332	560180	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1014	-	-	-	-	-	0.01	0.01	7914345	560177	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1017	-	-	-	-	-	0.01	0.01	7914352	560176	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1020	-	-	-	-	-	0.01	0.01	7914358	560174	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1029	-	-	-	-	-	0.01	0.01	7914378	560170	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1200	-	-	-	-	-	0.01	0.01	7914313	560179	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1203	-	-	-	-	-	0.02	0.01	7914320	560178	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1206	-	-	-	-	-	0.01	0.01	7914326	560176	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1209	-	-	-	-	-	0.02	0.01	7914333	560175	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1212	-	-	-	-	-	0.03	0.01	7914340	560173	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1215	-	-	-	-	-	0.01	0.01	7914346	560172	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1221	-	-	-	-	-	0.01	0.01	7914359	560169	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1224	-	-	-	-	-	0.01	0.01	7914366	560167	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1227	-	-	-	-	-	0.02	0.01	7914372	560166	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1402	-	-	-	-	-	0.01	0.01	7914316	560173	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1405	-	-	-	-	-	0.01	0.01	7914323	560172	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1408	-	-	-	-	-	0.01	0.01	7914330	560170	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1411	-	-	-	-	-	0.01	0.01	7914336	560169	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1414	-	-	-	-	-	0.01	0.01	7914343	560167	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1420	-	-	-	-	-	0.01	0.01	7914356	560164	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1423	-	-	-	-	-	0.01	0.01	7914362	560163	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1429	-	-	-	-	-	0.01	0.01	7914376	560159	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1500	-	-	-	-	-	0.01	0.01	7914312	560172	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1609	-	-	-	-	-	0.01	0.01	7914331	560165	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1612	-	-	-	-	-	0.01	0.01	7914337	560163	-	8.0	Granodiorite	NPAG

TABLE E.7.2
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YEAR	LOCATION	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	QMR2	QMR2 1232 001	1618	-	-	-	-	-	0.01	0.01	7914350	560160	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1621	-	-	-	-	-	0.01	0.01	7914357	560158	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1627	-	-	-	-	-	0.01	0.01	7914370	560155	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1805	-	-	-	-	-	0.01	0.01	7914321	560162	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1805	-	-	-	-	-	0.01	0.01	7914321	560162	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1808	-	-	-	-	-	0.01	0.01	7914327	560160	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1811	-	-	-	-	-	0.01	0.01	7914334	560159	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1817	-	-	-	-	-	0.05	0.01	7914347	560155	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1820	-	-	-	-	-	0.01	0.01	7914354	560154	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1826	-	-	-	-	-	0.01	0.01	7914367	560151	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1829	-	-	-	-	-	0.01	0.01	7914373	560149	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1903	-	-	-	-	-	0.11	0.01	7914316	560160	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2007	-	-	-	-	-	0.01	0.01	7914324	560156	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2013	-	-	-	-	-	0.01	0.01	7914337	560152	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2016	-	-	-	-	-	0.01	0.01	7914344	560151	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2022	-	-	-	-	-	0.01	0.01	7914357	560148	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2025	-	-	-	-	-	0.01	0.01	7914363	560146	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2211	-	-	-	-	-	0.01	0.01	7914331	560148	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2214	-	-	-	-	-	0.01	0.01	7914338	560147	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2217	-	-	-	-	-	0.01	0.01	7914345	560145	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2220	-	-	-	-	-	0.01	0.01	7914351	560144	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2226	-	-	-	-	-	0.06	0.01	7914364	560141	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2229	-	-	-	-	-	0.01	0.01	7914371	560139	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2422	-	-	-	-	-	0.01	0.01	7914354	560138	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2426	-	-	-	-	-	0.01	0.01	7914363	560136	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2428	-	-	-	-	-	0.01	0.01	7914367	560135	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2512	-	-	-	-	-	0.01	0.01	7914332	560140	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2512	-	-	-	-	-	0.01	0.01	7914332	560140	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2617	-	-	-	-	-	0.01	0.01	7914342	560135	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2620	-	-	-	-	-	0.01	0.01	7914349	560134	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2623	-	-	-	-	-	0.01	0.01	7914355	560132	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2626	-	-	-	-	-	0.01	0.01	7914362	560131	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2629	-	-	-	-	-	0.01	0.01	7914368	560129	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1807	-	-	-	-	-	0.01	0.02	7914316	559998	217	7.1	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2516	-	-	-	-	-	0.01	0.02	7914332	560078	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2524	-	-	-	-	-	0.01	0.02	7914336	560059	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2826	-	-	-	-	-	0.01	0.02	7914331	560054	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3110	-	-	-	-	-	0.01	0.02	7914316	560089	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3123	-	-	-	-	-	0.01	0.02	7914324	560058	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3516	-	-	-	-	-	0.01	0.02	7914312	560073	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3519	-	-	-	-	-	0.01	0.02	7914314	560066	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3906	-	-	-	-	-	0.01	0.02	7914298	560093	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1210	-	-	-	-	-	0.01	0.02	7914349	560104	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1110	-	-	-	-	-	0.04	0.02	7914392	560082	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1113	-	-	-	-	-	0.01	0.02	7914399	560081	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1119	-	-	-	-	-	0.01	0.02	7914414	560080	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1312	-	-	-	-	-	0.01	0.02	7914397	560086	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1315	-	-	-	-	-	0.08	0.02	7914405	560086	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2316	-	-	-	-	-	0.01	0.02	7914410	560110	234	10.0	Granodiorite	NPAG

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YEAR	LOCATION	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	QMR2	QMR2 1225 010	2515	-	-	-	-	-	0.01	0.02	7914408	560115	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1110	-	-	-	-	-	0.01	0.02	7914392	560132	239	14.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1113	-	-	-	-	-	0.01	0.02	7914384	560134	238	14.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1306	-	-	-	-	-	0.01	0.02	7914403	560135	240	16.1	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1515	-	-	-	-	-	0.01	0.02	7914381	560145	237	13.4	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1707	-	-	-	-	-	0.03	0.02	7914402	560146	240	15.9	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1710	-	-	-	-	-	0.01	0.02	7914395	560147	239	15.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1905	-	-	-	-	-	0.01	0.02	7914408	560150	240	16.2	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2104	-	-	-	-	-	0.11	0.02	7914411	560154	239	14.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2109	-	-	-	-	-	0.01	0.02	7914399	560156	239	15.5	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2508	-	-	-	-	-	0.01	0.02	7914403	560166	238	14.4	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2704	-	-	-	-	-	0.01	0.02	7914380	560125	237	13.4	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1218	-	-	-	-	-	0.01	0.02	7914353	560170	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1606	-	-	-	-	-	0.01	0.02	7914324	560166	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2010	-	-	-	-	-	0.01	0.02	7914330	560154	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2223	-	-	-	-	-	0.01	0.02	7914358	560142	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2520	-	-	-	-	-	0.01	0.03	7914334	560069	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2527	-	-	-	-	-	0.01	0.03	7914338	560052	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2823	-	-	-	-	-	0.01	0.03	7914330	560061	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3029	-	-	-	-	-	0.01	0.03	7914329	560046	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3029	-	-	-	-	-	0.01	0.03	7914329	560046	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3118	-	-	-	-	-	0.01	0.03	7914321	560070	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3227	-	-	-	-	-	0.01	0.03	7914325	560050	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3526	-	-	-	-	-	0.01	0.03	7914318	560050	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3529	-	-	-	-	-	0.01	0.03	7914320	560043	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	4033	-	-	-	-	-	0.01	0.03	7914313	560031	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1304	-	-	-	-	-	0.04	0.03	7914362	560102	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1718	-	-	-	-	-	0.01	0.03	7914413	560095	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2313	-	-	-	-	-	0.01	0.03	7914402	560111	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2512	-	-	-	-	-	0.01	0.03	7914400	560116	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1314	-	-	-	-	-	0.01	0.03	7914383	560139	237	13.4	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1908	-	-	-	-	-	0.01	0.03	7914401	560151	239	15.5	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2106	-	-	-	-	-	0.02	0.03	7914407	560155	240	16.1	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1011	-	-	-	-	-	0.01	0.03	7914339	560179	224	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1402	-	-	-	-	-	0.01	0.04	7914301	559991	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3437	-	-	-	-	-	0.01	0.04	7914326	560026	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1612	-	-	-	-	-	0.01	0.04	7914346	560114	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1116	-	-	-	-	-	0.01	0.04	7914406	560080	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2310	-	-	-	-	-	0.01	0.04	7914395	560112	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2518	-	-	-	-	-	0.01	0.04	7914415	560115	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1704	-	-	-	-	-	0.01	0.04	7914410	560144	241	16.6	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2315	-	-	-	-	-	0.01	0.04	7914385	560165	238	13.7	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	2713	-	-	-	-	-	0.01	0.04	7914405	560122	239	14.6	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2602	-	-	-	-	-	0.14	0.04	7914382	560104	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2109	-	-	-	-	-	0.01	0.04	7914328	560152	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2431	-	-	-	-	-	0.01	0.05	7914342	560045	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2820	-	-	-	-	-	0.01	0.05	7914328	560068	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1107	-	-	-	-	-	0.08	0.05	7914399	560131	240	15.5	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	1002	-	-	-	-	-	0.34	0.05	7914395	560066	-	-	Granodiorite	NPAG

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YEAR	LOCATION	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO ₃ /1Kt)	MPA (tCaCO ₃ /1Kt)	NNP (tCaCO ₃ /1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	QMR2	QMR2 1225 012_toe	1203	-	-	-	-	-	0.23	0.05	7914391	560070	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2028	-	-	-	-	-	0.01	0.05	7914370	560145	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1503	-	-	-	-	-	0.01	0.06	7914411	560139	241	16.8	Granodiorite	NPAG
2018	QMR2	QMR2 1225 011	1506	-	-	-	-	-	0.01	0.06	7914404	560140	240	16.2	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2729	-	-	-	-	-	0.01	0.07	7914336	560047	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2732	-	-	-	-	-	0.01	0.07	7914337	560040	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1404	-	-	-	-	-	0.01	0.08	7914305	559989	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	2817	-	-	-	-	-	0.01	0.08	7914326	560075	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3216	-	-	-	-	-	0.01	0.08	7914318	560075	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3235	-	-	-	-	-	0.01	0.08	7914329	560032	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1026	-	-	-	-	-	0.07	0.08	7914371	560171	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3033	-	-	-	-	-	0.01	0.09	7914332	560037	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	2416	-	-	-	-	-	0.02	0.09	7914341	560141	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1023	-	-	-	-	-	0.02	0.1	7914365	560173	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2305	-	-	-	-	-	0.09	0.11	7914377	560095	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1624	-	-	-	-	-	0.04	0.11	7914363	560157	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1426	-	-	-	-	-	0.15	0.12	7914369	560161	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 020	3213	-	-	-	-	-	0.01	0.13	7914316	560082	219	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1210 019	1707	-	-	-	-	-	0.01	0.14	7914313	559998	217	7.1	Granodiorite	NPAG
2018	QMR2	QMR2 1232 001	1823	-	-	-	-	-	0.04	0.14	7914360	560152	-	8.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1206	-	-	-	-	-	0.07	0.16	7914358	560101	226	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 012_toe	2705	-	-	-	-	-	0.1	0.16	7914374	560104	-	-	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	1910	-	-	-	-	-	0.01	0.19	7914394	560102	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1225 010	2118	-	-	-	-	-	0.01	0.19	7914414	560105	234	10.0	Granodiorite	NPAG
2018	QMR2	QMR2 1217 016	1005	1	15	6.3	9	2.4	0.01	0.2	7914359	560096	226	10.0	Biotite Schist	NPAG
2018	QMR2	QMR2 1217 016	1202	1	17	7.8	9	2.18	0.04	0.25	7914367	560099	226	10.0	Biotite Schist	NPAG
2018	QMR2	QMR2 1210 020	2914	1	21	8.1	13	2.58	0.01	0.26	7914322	560081	219	10.0	Biotite Schist	NPAG
2018	QMR2	QMR2 1225 010	1919	1	15	8.4	7	1.78	0.01	0.27	7914416	560099	234	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1210 019	1299	1	15	9.1	6	1.66	0.01	0.29	7914302	559987	214.60	4.6	Biotite Schist	PAG
2018	QMR2	QMR2 1225 010	1913	1	20	9.4	11	2.13	0.03	0.3	7914401	560101	234	10.0	Biotite Schist	NPAG
2018	QMR2	QMR2 1225 010	2115	1	18	9.4	9	1.92	0.01	0.3	7914407	560105	234	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1232 001	2019	1	21	9.4	12	2.24	0.04	0.3	7914350	560149	-	8.0	Biotite Schist	NPAG
2018	QMR2	QMR2 1210 019	1506	1	24	10.3	14	2.33	0.01	0.33	7914309	559997	216	6.2	Biotite Schist	NPAG
2018	QMR2	QMR2 1225 010	2109	1	17	10.3	7	1.65	0.01	0.33	7914392	560107	234	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1210 020	2615	1	21	13.4	8	1.56	0.01	0.43	7914329	560081	219	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1225 010	2112	1	21	15	6	1.4	0.07	0.48	7914399	560106	234	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1210 020	2314	1	18	16.6	1	1.09	0.01	0.53	7914334	560084	219	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1225 010	1916	1	18	18.1	0	0.99	0.01	0.58	7914409	560100	234	10.0	Biotite Schist	PAG
2018	QMR2	QMR2 1232 001	1417	1	28	18.4	10	1.52	0.03	0.59	7914349	560166	-	-	Biotite Schist	PAG
2018	QMR2	QMR2 1232 001	1814	1	14	22.5	-9	0.62	0.12	0.72	7914340	560157	-	-	Biotite Schist	PAG

Notes:

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

TABLE E.7.3

BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT

2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
Q1 QUARRY - GEOCHEMISTRY SUMMARY STATISTICS
ANALYTICAL SAMPLING RESULTS - 2018

S(%) <0.2	FIZZ RATING	NP	MPA	MNP	RATIO (NP:MNP)	C (%)*	S (%)*
		t CaCO ₃ /1000t	t CaCO ₃ /1000t	t CaCO ₃ /1000t			
COUNT	0	0	0	0	0	102	102
MIN	-	-	-	-	-	0.010	0.010
MAX	-	-	-	-	-	0.610	0.040
MEAN	-	-	-	-	-	0.048	0.011

Notes:

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

TABLE E.7.4

**BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT**

**2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
Q1 QUARRY - GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018**

YEAR	LOCATION	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	Q01	Q01 1089 015	1714	-	-	-	-	-	0.01	0.01	7975178	504115	96	6.6	Granite	NPAG
2018	Q01	Q01 1089 015	2308	-	-	-	-	-	0.01	0.01	7975182	504136	96	6.5	Granite	NPAG
2018	Q01	Q01 1089 015	2319	-	-	-	-	-	0.01	0.01	7975196	504111	96	6.7	Granite	NPAG
2018	Q01	Q01 1089 015	1728	-	-	-	-	-	0.09	0.01	7975196	504084	97	7.6	Granite	NPAG
2018	Q01	Q01 1089 015	1919	-	-	-	-	-	0.04	0.01	7975188	504106	96	7.0	Granite	NPAG
2018	Q01	Q01 1089 015	2425	-	-	-	-	-	0.1	0.01	7975205	504101	97	8.2	Granite	NPAG
2018	Q01	Q01 1089 015	2010	-	-	-	-	-	0.01	0.01	7975177	504130	96	6.7	Granite	NPAG
2018	Q01	Q01 1089 015	1904	-	-	-	-	-	0.02	0.02	7975168	504140	96	6.9	Granite	NPAG
2018	Q01	Q01 1089 015	1935	-	-	-	-	-	0.02	0.01	7975209	504070	94	4.7	Granite	NPAG
2018	Q01	Q01 1089 015	2214	-	-	-	-	-	0.01	0.03	7975187	504123	96	6.6	Granite	NPAG
2018	Q01	Q01 1089 015	2439	-	-	-	-	-	0.01	0.01	7975223	504069	93	3.8	Granite	NPAG
2018	Q01	Q01 1089 015	2233	-	-	-	-	-	0.01	0.01	7975211	504080	97	7.5	Granite	NPAG
2018	Q01	Q01 1089 011	1215	-	-	-	-	-	0.01	0.01	7975136	504110	96	7.3	Granite	NPAG
2018	Q01	Q01 1089 011	1412	-	-	-	-	-	0.01	0.01	7975137	504119	96	7.4	Granite	NPAG
2018	Q01	Q01 1089 011	1406	-	-	-	-	-	0.01	0.01	7975129	504132	96	7.2	Granite	NPAG
2018	Q01	Q01 1089 011	1519	-	-	-	-	-	0.01	0.01	7975148	504103	96	7.1	Granite	NPAG
2018	Q01	Q01 1089 011	2006	-	-	-	-	-	0.01	0.01	7975141	504139	97	7.5	Granite	NPAG
2018	Q01	Q01 1089 011	1914	-	-	-	-	-	0.01	0.01	7975150	504119	97	7.5	Granite	NPAG
2018	Q01	Q01 1089 011	2122	-	-	-	-	-	0.01	0.01	7975164	504103	96	6.8	Granite	NPAG
2018	Q01	Q01 1089 013/14	1134	-	-	-	-	-	0.01	0.01	7975192	504063	93	3.9	Granite	NPAG
2018	Q01	Q01 1089 013/14	2038	-	-	-	-	-	0.01	0.01	7975182	504067	94	5.0	Granite	NPAG
2018	Q01	Q01 1089 013/14	1127	-	-	-	-	-	0.16	0.01	7975182	504079	95	6.2	Granite	NPAG
2018	Q01	Q01 1089 013/14	1306	-	-	-	-	-	0.01	0.01	7975160	504129	96	7.0	Granite	NPAG
2018	Q01	Q01 1089 013/14	1302	-	-	-	-	-	0.01	0.01	7975155	504138	96	7.1	Granite	NPAG
2018	Q01	Q01 1089 013/14	1509	-	-	-	-	-	0.01	0.01	7975182	504067	94	5.0	Granite	NPAG
2018	Q01	Q01 1089 013/14	1519	-	-	-	-	-	0.01	0.01	7975180	504102	96	6.6	Granite	NPAG
2018	Q01	Q01 1089 016	2538	-	-	-	-	-	0.02	0.01	7975225	504070	93	4.0	Granite	NPAG
2018	Q01	Q01 1089 016	2609	-	-	-	-	-	0.01	0.01	7975189	504138	95	6.0	Granite	NPAG
2018	Q01	Q01 1089 016	3238	-	-	-	-	-	0.03	0.01	7975237	504080	94	5.2	Granite	NPAG
2018	Q01	Q01 1089 016	2723	-	-	-	-	-	0.12	0.01	7975209	504106	97	8.0	Granite	NPAG
2018	Q01	Q01 1089 016	2928	-	-	-	-	-	0.06	0.01	7975220	504097	97	8.1	Granite	NPAG
2018	Q01	Q01 1089 016	3226	-	-	-	-	-	0.01	0.01	7975222	504107	97	8.0	Granite	NPAG
2018	Q01	Q01 1089 016	3212	-	-	-	-	-	0.01	0.01	7975204	504139	95	6.5	Granite	NPAG
2018	Q01	Q01 1089 016	3034	-	-	-	-	-	0.02	0.01	7975228	504087	97	7.8	Granite	NPAG
2018	Q01	Q01 1089 016	2633	-	-	-	-	-	0.01	0.01	7975219	504085	97	7.8	Granite	NPAG
2018	Q01	Q01 1089 016	2920	-	-	-	-	-	0.02	0.01	7975209	504116	95	6.3	Granite	NPAG
2018	Q01	Q01 1089 016	3219	-	-	-	-	-	0.12	0.02	7975213	504123	95	6.4	Granite	NPAG
2018	Q01	Q01 1089 016	2815	-	-	-	-	-	0.07	0.01	7975199	504130	96	6.6	Granite	NPAG
2018	Q01	Q01 1089 016	AB1	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AB2	-	-	-	-	-	0.14	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AB3	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AB4	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AB5	-	-	-	-	-	0.06	0.01	-	-	-	-	Granite	NPAG

TABLE E.7.4

**BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT**

**2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
Q1 QUARRY - GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018**

YEAR	LOCATION	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	Q01	Q01 1089 016	AB6	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	JD19	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	JD16	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	JF19	-	-	-	-	-	0.07	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	JC05	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	JC13	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CA13	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	JC10	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CA44	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	P31	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	M33	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	L37	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AH42	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	Z44	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AM47	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AE50	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	A157	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	Q30	-	-	-	-	-	0.17	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	W31	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	X39	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	G44	-	-	-	-	-	0.06	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BZ67	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BW72	-	-	-	-	-	0.15	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BY77	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	WC158	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	-	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BH13	-	-	-	-	-	0.1	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	C13	-	-	-	-	-	0.09	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BP15	-	-	-	-	-	0.05	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BE16	-	-	-	-	-	0.04	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CI15	-	-	-	-	-	0.03	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BJ18	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BI17	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BO11	-	-	-	-	-	0.01	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BC15	-	-	-	-	-	0.24	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CM21	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG

TABLE E.7.4

**BAFFINLAND IRON MINES CORPORATION
MARY RIVER PROJECT**

**2018 QIA AND NWB ANNUAL REPORT FOR OPERATIONS
Q1 QUARRY - GEOCHEMISTRY - ANALYTICAL SAMPLING RESULTS - 2018**

YEAR	LOCATION	BLAST ID	HOLE ID	FIZZ RATING	NP (tCaCO ₃ /1Kt)	MPA (tCaCO ₃ /1Kt)	NNP (tCaCO ₃ /1Kt)	RATIO (NP:MPA)	C (%)*	S (%)*	Y	X	Z	DEPTH	LITHOLOGY	CLASS
2018	Q01	Q01 1089 016	CK07	-	-	-	-	-	0.17	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CL15	-	-	-	-	-	0.24	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	LC08	-	-	-	-	-	0.02	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CH12	-	-	-	-	-	0.09	0.02	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BT16	-	-	-	-	-	0.06	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CG10	-	-	-	-	-	0.06	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BN07	-	-	-	-	-	0.01	0.04	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BJ12	-	-	-	-	-	0.03	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BC17	-	-	-	-	-	0.07	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BI14	-	-	-	-	-	0.61	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	CJ14	-	-	-	-	-	0.3	0.03	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BG08	-	-	-	-	-	0.03	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BC16	-	-	-	-	-	0.17	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AH40	-	-	-	-	-	0.07	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	BF12	-	-	-	-	-	0.11	0.01	-	-	-	-	Granite	NPAG
2018	Q01	Q01 1089 016	AW27	-	-	-	-	-	0.07	0.01	-	-	-	-	Granite	NPAG

Notes:

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