

APPENDIX E.7

Quarry Geochemistry Analytical Sampling Results

Table E.7.1: QMR2 Quarry - Geochemistry - Analytical Sampling Results - 2020

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
2019	QMR2	SQMR21217021	18016	-	-	-	-	-	<0.01	0.01	7914331	560017	215	-1.0	SERECITIC DIORITE	Non-AG
2019	QMR2	QMR21210021	11018	-	-	-	-	-	<0.01	0.09	7914347	560002	216	6.0	SERECITIC DIORITE	Non-AG
2019	QMR2	QMR21210021	17030	-	-	-	-	-	<0.01	0.03	7914315	559979	215	4.8	SERECITIC DIORITE	Non-AG
2019	QMR2	QMR21210021	9024	-	-	-	-	-	0.02	0.16	7914344	559983	216	5.6	BIOTITE SCHIST	Non-AG
2019	QMR2	QMR21210021	14030	-	-	-	-	-	<0.01	0.02	7914322	559974	216	6.3	SERECITIC DIORITE	Non-AG
2019	QMR2	QMR21210021	7027	-	-	-	-	-	<0.01	<0.01	7914319	559987	214	4.1	SERECITIC DIORITE	Non-AG

Notes:

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

Table E.7.2: Q1 Quarry - Geochemistry - Analytical Sampling Results - 2020

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
2019	Q01	SQP 001 056	43044	-	-	-	-	-	<0.01	0.01	7975319	503982	54	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 001 056	40043	-	-	-	-	-	<0.01	0.01	7975326	503976	54	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 001 056	42043	-	-	-	-	-	0.06	0.01	7975323	503981	54	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 021080	42053	-	-	-	-	-	0.03	0.09	7975144	504158	79.1	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 021080	40050	-	-	-	-	-	<0.01	0.02	7975155	504157	79.1	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 021080	44061	-	-	-	-	-	<0.01	0.01	7975120	504151	79.1	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 021080	46060	-	-	-	-	-	<0.01	0.01	7975120	504158	79.1	10	A-Type Granitoid	Non-AG
2019	Q01	SQP 021080	48063	-	-	-	-	-	0.01	0.01	7975109	504159	79.1	10	A-Type Granitoid	Non-AG

Notes:

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