

### **ASX: G88**

#### **CAPITAL STRUCTURE**

Total shares on issue: 52.13m
Unlisted Issued Options: 7.05m
Market Cap @\$0.61: \$31.8 million

#### **CORPORATE DIRECTORY**

Mr Rhod Grivas
Non-Executive Chairman

Mr Tim Putt Managing Director

**Dr Koon Lip Choo** Non-Executive Director

Mr Phillip Grundy Non-Executive Director

#### **CONTACT DETAILS**

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ASX Announcement 25 January 2018

# HIGH-GRADE NICKEL AT QUICKSILVER



Figure 1 – RC drilling at Quicksilver

#### **HIGHLIGHTS**

• Initial results from the RC resampling have yielded high-grade nickel-cobalt intercepts including:

QRC040 10m @ 2.10% Nickel & 0.10% Cobalt from 55m Including 2m @ 3.30% Nickel & 0.14% Cobalt from 57m

- High-grade nickel results continue to hint at the depth potential of the Quicksilver mineralisation
- An extensive Moving Loop Electromagnetic ('MLEM') geophysical survey has recently been completed at Quicksilver to assist in targeting potential mineralisation at depth – results expected February
- In addition, the resampling has highlighted the presence of thick zones of cobalt mineralisation, including:

QRC040 33m @ 0.07% Cobalt & 1.35% Nickel from 34m QRC041 15m @ 0.08% Cobalt & 1.07% Nickel from 49m

Further updates can be expected in the coming weeks as further resampling results, and the report from the EM program, are received from Quicksilver.



**Golden Mile Resources (ASX: G88) ("Golden Mile"** or "**Company")** is pleased to announce that resampling of the RC drilling program over the Quicksilver Nickel-Cobalt-Scandium project in the South-West Mineral Field of Western Australia continues to yield excellent nickel & cobalt results.

An extensive program of RC drilling (Figure 4) was completed over the southern Quicksilver project area in late 2017. A total of 66 RC holes (QRC0027-0092), for 4,800 metres of drilling, were completed over a 200 x 50 metre grid across the prospect area, with more than 4,200 metres of drilling having now been resampled.

In addition, the first phase of the geophysical program at Quicksilver (a program of Moving Loop Electromagnetics – MLEM) was recently completed, targeting the southern tenement area.

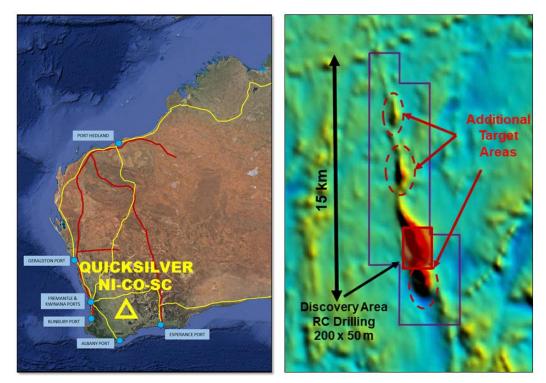


Figure 2 – Quicksilver project location (left) and magnetic imagery with targets (right).

## 2. Quicksilver RC Resampling

The resampling of the RC drilling program was completed in mid-December. Anomalous composite samples (>1,000 ppm nickel and/or 100 ppm Cobalt) were resampled using one metre splits. It is worth noting that of the more than 4,800 metres of RC drilled, over 4,200 metres were resampled, representing **over 87%** of the total meterage. The resampling shows **the highly anomalous nature of the host ultramafic unit at Quicksilver.** 

The high volume of samples resulted in the assay program at being divided up into four batches, with the results from the Batches one and two having now been reported to the Company. These batches cover drill holes QRC0027-0041.

The resampling has confirmed, and in many cases extended, the recognised **nickel and cobalt mineralisation** with the profile at Quicksilver.



### Significant nickel intercepts include:

QRC033	54 metres @ 0.66% Nickel & 0.03% Cobalt	from 1	3 metres
Including	10 metres @ 1.35% Nickel & 0.07% Cobalt	from 1	4 metres
QRC040	42 metres @ 1.14% Nickel & 0.06% Cobalt	from 2	6 metres
Including	10 metres @ 2.10% Nickel & 0.10% Cobalt	from 5	5 metres
With	2 metres @ 3.30% Nickel & 0.14% Cobalt	from 5	7 metres
QRC041	31 metres @ 0.93% Nickel & 0.05% Cobalt	from 4	9 metres
Including	12 metres @ 1.23% Nickel & 0.07% Cobalt	from 5	2 metres
And	3 metres @ 1.08% Nickel & 0.02% Cobalt	from 7	7 metres*

<sup>\*</sup>This intercept in in the bottom of the drill hole and indicates that the nickel mineralisation extends into fresh rock.

## Notable cobalt intercepts include:

QRC034	10 metres @ 0.08% Cobalt & 0.76% Nickel	from 39 metres
QRC036	19 metres @ 0.06% Cobalt & 0.35% Nickel	from 43 metres
QRC040	33 metres @ 0.07% Cobalt & 1.35% Nickel	from 34 metres
QRC041	15 metres @ 0.08% Cobalt & 1.07% Nickel	from 49 metres
Including	5 metres @ 0.13% Cobalt & 0.80% Nickel	from 50 metres

Figure 4 shows the locations of the AC & RC drill holes in the northern prospect area with significant intercepts.

Appendix 1 & 2 show a full listing of the anomalous intercepts (>0.4% Nickel and >0.04% Cobalt) and assays returned from the first batch of RC resampling at Quicksilver (drill holes QRC027-041).

## 3. Quicksilver Geophysical Program

Specialist consultants, NewExco, were appointed in November 2017 to oversee the geophysical exploration program at Quicksilver. A number of recommendations have been made to the Company to assist in the ongoing work program, with the completion of a Moving Loop Electromagnetic survey being a priority.

This survey commenced in mid-December 2017 and was completed in mid-January following a short break over the Christmas-New Year period. The survey was extended beyond it's original boundaries to cover target areas to the north and covered more than 5 km of strike, comprising 25 line kilometres and 279 stations (Figure 3).



Newexco are presently modelling and evaluating the MLEM and are expected to report on the results of the program in February 2018.

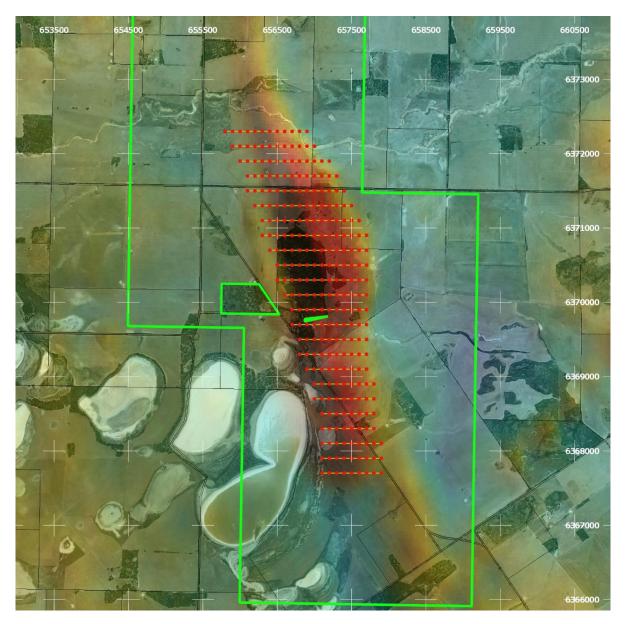


Figure 3 – Planned MLEM stations (red points) over satellite image with superimposed magnetic image

Golden Mile looks forward to reporting further on the Quicksilver Nickel-Cobalt discovery as results continue to be received in the coming weeks, including both resampling and the MLEM survey. In addition, extensional drilling is scheduled to commence on adjacent target areas during the quarter.



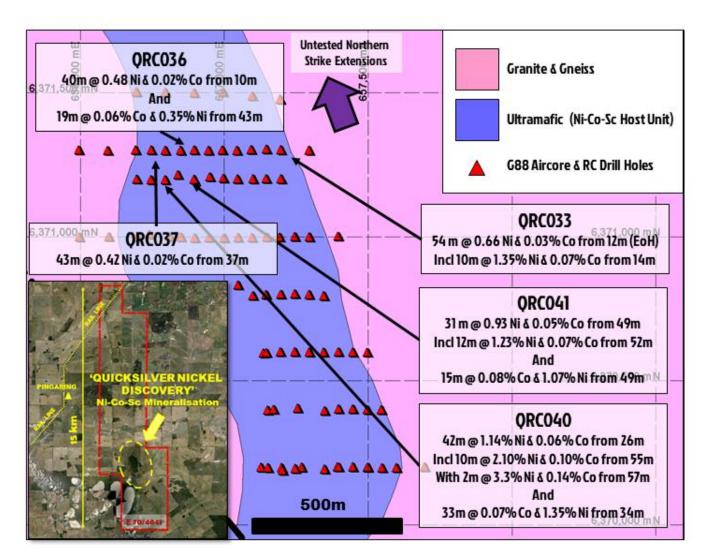


Figure 4 – Aircore & RC drill hole locations with significant nickel & cobalt intercepts from resampling of drill holes QRC0027 to 0041



### For further information please contact:

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#### **About Golden Mile Resources Ltd**



Golden Mile Resources is an Australian based exploration and development company, with an outstanding suite of cobalt, gold, and base metal projects in Western Australia. The Company was formed in 2016 to carry out the acquisition, exploration and development of mining assets in Western Australia, and has to date acquired a suite of exploration projects, predominantly within the fertile North-Eastern Goldfields of Western Australia.

The Company's portfolio includes two nickel-cobalt projects, namely the Quicksilver project in the South West Mineral Field and the Minara project in the North-Eastern Goldfields.

In addition, Golden Mile holds a suite of gold projects adjacent to Leonora which include the Ironstone Well & Leonora East projects.

The Company also holds the Darlot Gold project to the north of Leonora and the Gidgee Polymetallic project north of Sandstone.

For more information please visit the Company's website: https://www.goldenmileresources.com.au/

#### **Exploration Targets**

The term 'Exploration Target' should not be misunderstood or misconstrued as an estimate of Mineral Resources and Reserves as defined by the JORC Code (2012) and therefore the terms have not been used in this context. The potential quantity and grade of the Exploration target is conceptual in nature and there has been insufficient exploration to date to allow the estimation of a Mineral Resource. In addition, it is uncertain if further exploration will result in the estimation of a Mineral Resource.

#### **Competent Persons Statement**

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based upon information compiled by Mr Timothy Putt, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Putt is the Managing Director of Golden Mile Resources Ltd, a full-time employee and shareholder of the Company.

Mr Putt has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Putt consents to the inclusion in the report of the matter based on his information in the form and context in which it appears.

## Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Golden Mile Resources Ltd (ASX: G88) planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Golden Mile Resources Ltd (ASX: G88) believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.



# APPENDIX 1 – SIGNIFICANT NICKEL & COBALT RC INTERCEPTS (>0.4% Ni & >0.04% Co)



# APPENDIX 1 – QUICKSILVER, NICKEL-COBALT INTERCEPTS & ASSAYS (>0.4% Nickel & >0.04% Cobalt)

Hole No	GDA North	GDA East	Total Depth (m)	Nickel Intercepts (0.4% Cut Off)
QRC027	6371500	656700	58	5 metres @ 0.76% Ni & 0.02% Co from 41 metres
QRC028	6371500	656800	66	5 metres @ 0.45% Ni & 0.01% Co from 40 metres
QRC029	6371500	656900	50	9 metres @ 0.54% Ni & 0.02% Co from 40 metres
QRC030	6371500	657000	54	11 metres @ 0.47% Ni & 0.02% Co from 8 metres
QRC033	6371300	657150	67	54 metres @ 0.66% Ni & 0.03% Co from 13 metres (EoH)
				Incl. 10 metres @ 1.35% Ni & 0.07% Co from 14 metres
QRC034	6371300	657050	78	8 metres @ 0.46% Ni & 0.01% Co from 13 metres
				And 24 metres @ 0.72% Ni & 0.05% Co from 39 metres
				Incl. 2 metres @ 1.10 % Ni & 0.08% Co from 45 metres
QRC035	6371300	656950	86	5 metres @ 0.53% Ni & 0.01% Co from 1 metres
				And 12 metres @ 0.47% Ni & 0.01% Co from 12 metres
				And 12 metres @ 0.47% Ni & 0.03% Co from 43 metres
QRC036	6371300	656850	84	40 metres @ 0.48% Ni & 0.02% Co from 10 metres
QRC037	6371300	656750	96	43 metres @ 0.42% Ni & 0.02% Co from 37 metres
QRC040	6371200	656800	102	42 metres @ 1.14% Ni & 0.06% Co from 26 metres
				Incl. 10 metres @ 2.10% Ni & 0.10% Co from 55 metres
				Incl. 2 metres @ 3.30% Ni & 0.14% Co from 57 metres
QRC041	6371213	656842	80	31 metres @ 0.93 % Ni & 0.05% Co from 49 metres (EoH)
				Incl. 12 metres @ 1.23% Ni & 0.07% Co from 52 metres
				And 3 metres @ 1.30% Ni & 0.03% Co from 70 metres
				And 3 metres @ 1.08% Ni & 0.02% Co from 77 metres (EoH)

<sup>\*</sup>Allowable internal dilution on intercepts of up to 4 metres at less than 0.4% Ni cut-off – Co=Cobalt, Ni=Nickel, EoH=End of Hole

Hole No	GDA North	GDA East	Total Depth (m)	Cobalt Intercepts (0.04% Cut Off)
QRC029	6371500	656900	50	4 metres @ 0.05% Co & 0.18% Ni from 28 metres
QRC030	6371500	657000	54	4 metres @ 0.05% Co & 0.22% Ni from 26 metres
QRC033	6371300	657150	67	5 metres @ 0.10% Co & 1.62% Ni from 15 metres
QRC034	6371300	657050	78	10 metres @ 0.08% Co & 0.76% Ni from 39 metres
QRC036	6371300	656850	84	19 metres @ 0.06% Co & 0.35% Ni from 43 metres
QRC039	6371200	656750	70	7 metres @ 0.04% Co & 0.33% Ni from 23 metres
QRC040	6371200	656800	102	33 metres @ 0.07% Co & 1.35% Ni from 34 metres
QRC041	6371213	656842	80	15 metres @ 0.08% Co & 1.07% Ni from 49 metres
·				Incl 5 metres @ 0.13% Co & 0.80% Ni from 50 metres

<sup>\*</sup>Allowable internal dilution on intercepts of up to 8 metres at less than 0.04% Ni cut-off – Co=Cobalt, Ni=Nickel, EoH=End of Hole



# APPENDIX 2 – SIGNIFICANT RC RESAMPLING ASSAYS (>0.4% Ni & >0.04% Co)



# APPENDIX 2- SIGNIFICANT QUICKSILVER RC RESAMPLE (>0.4% Ni & >0.04% Co)

Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0027	G02374	8	9	1	RC-Split	4280	450	256	40
QRC0027	G02392	41	42	1	RC-Split	4140	102	29.5	17
QRC0027	G02393	42	43	1	RC-Split	13100	341	68.5	38
QRC0027	G02394	43	44	1	RC-Split	2040	77.2	20.8	10
QRC0027	G02395	44	45	1	RC-Split	8990	289	35.5	36
QRC0027	G02396	45	46	1	RC-Split	9930	226	27.6	28
QRC0027	G02407	55	56	1	RC-Split	3200	137	12.7	9
QRC0027	G02408	56	57	1	RC-Split	6430	242	16.8	12
QRC0027	G02409	57	58	1	RC-Split	3770	159	9.1	6
QRC0028	G02419	9	10	1	RC-Split	6540	233	115	51
QRC0028	G02421	10	11	1	RC-Split	6150	244	86.5	26
QRC0028	G02442	38	39	1	RC-Split	3980	210	16.6	2
QRC0028	G02443	39	40	1	RC-Split	3500	108	14.7	1
QRC0028	G02444	40	41	1	RC-Split	4970	148	16	2
QRC0028	G02445	41	42	1	RC-Split	5140	177	11.7	2
QRC0028	G02446	42	43	1	RC-Split	4200	116	6.6	3
QRC0028	G02447	43	44	1	RC-Split	4180	132	7.2	3
QRC0028	G02448	44	45	1	RC-Split	4000	87.7	7.8	2
QRC0028	G02449	45	46	1	RC-Split	2110	55.1	2.9	1
QRC0029	G02471	28	29	1	RC-Split	1690	546	153	47
QRC0029	G02472	29	30	1	RC-Split	2010	746	143	45
QRC0029	G02473	30	31	1	RC-Split	1160	273	114	47
QRC0029	G02474	31	32	1	RC-Split	2350	518	167	54
QRC0029	G02475	32	33	1	RC-Split	2340	258	104	34
QRC0029	G02479	36	37	1	RC-Split	3610	211	88.7	29
QRC0029	G02481	37	38	1	RC-Split	4360	154	93.4	19
QRC0029	G02482	38	39	1	RC-Split	1740	91.9	29.9	9
QRC0029	G02483	39	40	1	RC-Split	2380	102	30.1	11
QRC0029	G02484	40	41	1	RC-Split	7240	207	35.5	26
QRC0029	G02485	41	42	1	RC-Split	6350	173	44.9	20
QRC0029	G02486	42	43	1	RC-Split	2460	128	70.5	16
QRC0029	G02487	43	44	1	RC-Split	4160	169	40	48
QRC0029	G02488	44	45	1	RC-Split	4890	154	20.3	58
QRC0029	G02489	45	46	1	RC-Split	6380	132	23.3	51
QRC0029	G02490	46	47	1	RC-Split	3370	60.6	10.9	14
QRC0029	G02491	47	48	1	RC-Split	9800	324	21.1	11
QRC0029	G02492	48	49	1	RC-Split	4410	138	19.2	8
QRC0029	G02493	49	50	1	RC-Split	2750	89.8	10.5	6
QRC0030	G02502	7	8	1	RC-Split	2160	150	66.9	25
QRC0030	G02503	8	9	1	RC-Split	4320	169	92.8	38
QRC0030	G02504	9	10	1	RC-Split	4920	159	96.4	36



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0030	G02505	10	11	1	RC-Split	5230	171	91.7	37
QRC0030	G02506	11	12	1	RC-Split	4990	245	83.8	43
QRC0030	G02507	12	13	1	RC-Split	5880	185	86.5	41
QRC0030	G02508	13	14	1	RC-Split	5270	241	57	29
QRC0030	G02509	14	15	1	RC-Split	4000	295	20	16
QRC0030	G02510	15	16	1	RC-Split	3230	177	13	9
QRC0030	G02511	16	17	1	RC-Split	4150	148	24.9	13
QRC0030	G02512	17	18	1	RC-Split	4860	147	22.3	11
QRC0030	G02513	18	19	1	RC-Split	4360	186	42.7	28
QRC0030	G02514	19	20	1	RC-Split	2000	113	15	5
QRC0030	G02515	20	21	1	RC-Split	2610	128	24.2	7
QRC0030	G02522	26	27	1	RC-Split	1370	515	7.3	3
QRC0030	G02523	27	28	1	RC-Split	2510	823	10.3	5
QRC0030	G02524	28	29	1	RC-Split	1690	216	5.1	3
QRC0030	G02525	29	30	1	RC-Split	3110	480	10.1	7
QRC0030	G02526	30	31	1	RC-Split	3580	319	10.1	9
QRC0030	G02527	31	32	1	RC-Split	4020	283	9.2	11
QRC0030	G02528	32	33	1	RC-Split	5160	234	9	13
QRC0030	G02529	33	34	1	RC-Split	2550	140	7	4
QRC0030	G02538	42	43	1	RC-Split	3320	161	7.7	7
QRC0030	G02539	43	44	1	RC-Split	4600	212	6.8	10
QRC0030	G02541	44	45	1	RC-Split	2660	115	6.7	5
QRC0030	G02544	47	48	1	RC-Split	2510	100	4.4	4
QRC0030	G02545	48	49	1	RC-Split	4530	153	18.6	9
QRC0030	G02546	49	50	1	RC-Split	3440	158	10.3	7
QRC0030	G02547	50	51	1	RC-Split	3640	225	13	8
QRC0030	G02548	51	52	1	RC-Split	3790	182	9.4	9
QRC0030	G02549	52	53	1	RC-Split	4190	210	8.3	9
QRC0030	G02550	53	54	1	RC-Split	4090	216	7.5	8
QRC0031	G02551	12	13	1	RC-Split	1630	89.3	22.8	10
QRC0033	G02563	11	12	1	RC-Split	2180	149	43.5	33
QRC0033	G02564	12	13	1	RC-Split	2700	141	31.7	31
QRC0033	G02565	13	14	1	RC-Split	4810	206	54.8	36
QRC0033	G02566	14	15	1	RC-Split	12000	255	97.6	54
QRC0033	G02567	15	16	1	RC-Split	9430	527	155	47
QRC0033	G02568	16	17	1	RC-Split	16500	1940	98.4	30
QRC0033	G02569	17	18	1	RC-Split	17000	1060	35.7	13
QRC0033	G02570	18	19	1	RC-Split	17500	816	67.8	26
QRC0033	G02571	19	20	1	RC-Split	20800	675	13.1	8
QRC0033	G02572	20	21	1	RC-Split	14500	273	4	6
QRC0033	G02573	21	22	1	RC-Split	9090	202	4.9	7
QRC0033	G02574	22	23	1	RC-Split	4730	211	6.6	5
QRC0033	G02575	23	24	1	RC-Split	13200	389	11.9	17



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0033	G02576	24	25	1	RC-Split	7800	303	10.2	8
QRC0033	G02577	25	26	1	RC-Split	5880	503	13.5	9
QRC0033	G02578	26	27	1	RC-Split	5370	459	25.2	7
QRC0033	G02579	27	28	1	RC-Split	8290	357	15.1	6
QRC0033	G02581	28	29	1	RC-Split	4800	371	14.3	8
QRC0033	G02582	29	30	1	RC-Split	4710	312	14.5	8
QRC0033	G02583	30	31	1	RC-Split	2820	122	11.2	6
QRC0033	G02584	31	32	1	RC-Split	2940	138	18.7	7
QRC0033	G02585	32	33	1	RC-Split	2420	108	13.9	4
QRC0033	G02586	33	34	1	RC-Split	3790	191	20.7	8
QRC0033	G02587	34	35	1	RC-Split	4080	162	15.8	10
QRC0033	G02588	35	36	1	RC-Split	4660	182	13	10
QRC0033	G02589	36	37	1	RC-Split	6410	348	32.2	15
QRC0033	G02590	37	38	1	RC-Split	4510	189	13.3	11
QRC0033	G02591	38	39	1	RC-Split	4890	214	20.4	14
QRC0033	G02592	39	40	1	RC-Split	4900	184	9.6	12
QRC0033	G02593	40	41	1	RC-Split	4930	188	8.6	12
QRC0033	G02594	41	42	1	RC-Split	4780	171	7.2	13
QRC0033	G02595	42	43	1	RC-Split	3930	143	9.8	11
QRC0033	G02596	43	44	1	RC-Split	3350	127	3.7	8
QRC0033	G02597	44	45	1	RC-Split	2440	83.7	5.5	5
QRC0033	G02598	45	46	1	RC-Split	4580	146	5.1	10
QRC0033	G02599	46	47	1	RC-Split	5540	143	8.4	11
QRC0033	G02601	47	48	1	RC-Split	5920	170	9	11
QRC0033	G02602	48	49	1	RC-Split	5690	132	12.6	3
QRC0033	G02603	49	50	1	RC-Split	1900	46.3	3	< 1
QRC0033	G02604	50	51	1	RC-Split	6250	146	10	6
QRC0033	G02605	51	52	1	RC-Split	5340	150	5.9	14
QRC0033	G02606	52	53	1	RC-Split	4680	157	4.2	14
QRC0033	G02607	53	54	1	RC-Split	4220	162	3.3	11
QRC0033	G02608	54	55	1	RC-Split	5300	167	8.2	11
QRC0033	G02609	55	56	1	RC-Split	6060	204	5.5	14
QRC0033	G02610	56	57	1	RC-Split	6680	230	9.1	16
QRC0033	G02611	57	58	1	RC-Split	6890	218	12.3	17
QRC0033	G02612	58	59	1	RC-Split	6240	308	17.6	16
QRC0033	G02613	59	60	1	RC-Split	4340	253	17.1	11
QRC0033	G02614	60	61	1	RC-Split	3460	159	10.2	9
QRC0033	G02615	61	62	1	RC-Split	5140	183	7.7	14
QRC0033	G02616	62	63	1	RC-Split	6240	252	9.4	17
QRC0033	G02617	63	64	1	RC-Split	6340	238	6.8	16
QRC0033	G02618	64	65	1	RC-Split	5690	240	7.6	16
QRC0033	G02619	65	66	1	RC-Split	5100	188	6	14
QRC0033	G02621	66	67	1	RC-Split	6610	199	12.9	15



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0034	G02628	6	7	1	RC-Split	2540	544	92	43
QRC0034	G02633	11	12	1	RC-Split	2590	225	56	25
QRC0034	G02634	12	13	1	RC-Split	3820	192	46.2	22
QRC0034	G02635	13	14	1	RC-Split	4400	239	47.7	25
QRC0034	G02636	14	15	1	RC-Split	5300	118	52.7	45
QRC0034	G02637	15	16	1	RC-Split	5760	140	37.4	33
QRC0034	G02638	16	17	1	RC-Split	4110	63.5	61	41
QRC0034	G02639	17	18	1	RC-Split	5410	73.3	77.8	33
QRC0034	G02641	18	19	1	RC-Split	4160	71	93	34
QRC0034	G02642	19	20	1	RC-Split	3390	124	51	36
QRC0034	G02643	20	21	1	RC-Split	4180	70.9	75	39
QRC0034	G02644	21	22	1	RC-Split	3160	73.1	87.5	35
QRC0034	G02662	38	39	1	RC-Split	3030	249	15.1	11
QRC0034	G02663	39	40	1	RC-Split	5270	853	27.5	21
QRC0034	G02664	40	41	1	RC-Split	4320	870	21.9	17
QRC0034	G02665	41	42	1	RC-Split	6710	896	31.3	27
QRC0034	G02666	42	43	1	RC-Split	9970	1450	38.7	14
QRC0034	G02667	43	44	1	RC-Split	5200	566	25.4	18
QRC0034	G02668	44	45	1	RC-Split	7990	703	9.2	17
QRC0034	G02669	45	46	1	RC-Split	10100	1010	13.7	18
QRC0034	G02670	46	47	1	RC-Split	11900	640	7.9	20
QRC0034	G02671	47	48	1	RC-Split	5710	326	6.6	9
QRC0034	G02672	48	49	1	RC-Split	8980	440	9.1	14
QRC0034	G02673	49	50	1	RC-Split	7040	332	7.4	14
QRC0034	G02674	50	51	1	RC-Split	8940	385	8.9	19
QRC0034	G02675	51	52	1	RC-Split	7810	323	9.2	19
QRC0034	G02676	52	53	1	RC-Split	7570	296	5.9	17
QRC0034	G02677	53	54	1	RC-Split	7560	361	7.4	19
QRC0034	G02678	54	55	1	RC-Split	7980	426	10.1	24
QRC0034	G02679	55	56	1	RC-Split	3920	130	9	14
QRC0034	G02681	56	57	1	RC-Split	6680	201	17.5	27
QRC0034	G02682	57	58	1	RC-Split	6910	260	20.7	27
QRC0034	G02683	58	59	1	RC-Split	6540	237	6.7	27
QRC0034	G02684	59	60	1	RC-Split	6950	182	5.9	28
QRC0034	G02685	60	61	1	RC-Split	6380	174	5.2	25
QRC0034	G02686	61	62	1	RC-Split	7650	186	5.1	30
QRC0034	G02687	62	63	1	RC-Split	4430	123	5.2	18
QRC0034	G02688	63	64	1	RC-Split	1700	54.9	4.3	7
QRC0034	G02689	64	65	1	RC-Split	2980	90.4	7.9	8
QRC0034	G02690	65	66	1	RC-Split	3720	109	5.2	8
QRC0034	G02691	66	67	1	RC-Split	6120	211	5.3	15
QRC0034	G02692	67	68	1	RC-Split	3780	200	5.9	10
QRC0035	G02704	0	1	1	RC-Split	2730	79.7	31.8	35



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0035	G02705	1	2	1	RC-Split	4190	103	54.5	42
QRC0035	G02706	2	3	1	RC-Split	5170	67	37	26
QRC0035	G02707	3	4	1	RC-Split	6000	64.6	44.6	29
QRC0035	G02708	4	5	1	RC-Split	6320	68.7	48.4	33
QRC0035	G02709	5	6	1	RC-Split	4820	60.3	38.1	35
QRC0035	G02710	6	7	1	RC-Split	1080	24.7	19.5	17
QRC0035	G02715	11	12	1	RC-Split	2100	37.7	40.5	34
QRC0035	G02716	12	13	1	RC-Split	1890	31.1	45.3	33
QRC0035	G02717	13	14	1	RC-Split	6140	117	39.4	29
QRC0035	G02718	14	15	1	RC-Split	7650	77.3	51.3	32
QRC0035	G02719	15	16	1	RC-Split	6290	77.4	51.1	27
QRC0035	G02721	16	17	1	RC-Split	6400	81	88.5	28
QRC0035	G02722	17	18	1	RC-Split	2940	67.6	52.7	26
QRC0035	G02723	18	19	1	RC-Split	5050	77.2	90.8	30
QRC0035	G02724	19	20	1	RC-Split	4860	84.6	60.4	32
QRC0035	G02725	20	21	1	RC-Split	1710	63.1	21.7	21
QRC0035	G02726	21	22	1	RC-Split	2860	119	65.2	38
QRC0035	G02727	22	23	1	RC-Split	6140	91.7	38.9	38
QRC0035	G02728	23	24	1	RC-Split	1120	42	13.4	25
QRC0035	G02729	24	25	1	RC-Split	5460	118	54.2	41
QRC0035	G02730	25	26	1	RC-Split	2880	69.4	30.2	29
QRC0035	G02731	26	27	1	RC-Split	2590	68.2	34.2	35
QRC0035	G02747	41	42	1	RC-Split	3080	244	67.4	41
QRC0035	G02748	42	43	1	RC-Split	3410	184	69.4	39
QRC0035	G02749	43	44	1	RC-Split	5140	249	74.6	39
QRC0035	G02750	44	45	1	RC-Split	3540	260	77.5	52
QRC0035	G02751	45	46	1	RC-Split	5760	669	210	69
QRC0035	G02752	46	47	1	RC-Split	5150	608	132	50
QRC0035	G02753	47	48	1	RC-Split	7650	230	68.2	31
QRC0035	G02754	48	49	1	RC-Split	5370	223	86.4	33
QRC0035	G02755	49	50	1	RC-Split	4560	158	55.8	24
QRC0035	G02756	50	51	1	RC-Split	4680	289	61.1	23
QRC0035	G02757	51	52	1	RC-Split	3970	332	64.7	19
QRC0035	G02758	52	53	1	RC-Split	3470	322	44.1	13
QRC0035	G02759	53	54	1	RC-Split	2830	473	36.9	8
QRC0035	G02761	54	55	1	RC-Split	4000	201	32.2	8
QRC0035	G02762	55	56	1	RC-Split	3500	170	22.5	7
QRC0035	G02763	56	57	1	RC-Split	2700	84.3	12.2	4
QRC0035	G02774	67	68	1	RC-Split	2490	509	7.9	2
QRC0035	G02775	68	69	1	RC-Split	2830	526	24.2	1
QRC0035	G02776	69	70	1	RC-Split	2090	338	14.2	< 1
QRC0035	G02777	70	71	1	RC-Split	1740	189	13.7	< 1
QRC0035	G02778	71	72	1	RC-Split	2160	273	15.4	4



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0035	G02779	72	73	1	RC-Split	2140	222	11.4	2
QRC0035	G02781	73	74	1	RC-Split	4480	722	20.8	3
QRC0036	G02786	10	11	1	RC-Split	3460	59.1	41	41
QRC0036	G02787	11	12	1	RC-Split	4020	42.5	42.6	31
QRC0036	G02788	12	13	1	RC-Split	3720	60.9	33.4	28
QRC0036	G02789	13	14	1	RC-Split	4440	58.3	37	25
QRC0036	G02790	14	15	1	RC-Split	4730	68	33	24
QRC0036	G02791	15	16	1	RC-Split	5050	125	45.2	23
QRC0036	G02792	16	17	1	RC-Split	5760	153	62.6	23
QRC0036	G02793	17	18	1	RC-Split	7220	157	58.3	19
QRC0036	G02794	18	19	1	RC-Split	5420	92.4	72	30
QRC0036	G02795	19	20	1	RC-Split	6320	106	68.7	23
QRC0036	G02796	20	21	1	RC-Split	6100	97.7	52.8	25
QRC0036	G02797	21	22	1	RC-Split	3140	81.3	38.8	39
QRC0036	G02798	22	23	1	RC-Split	3280	76.8	57.4	18
QRC0036	G02799	23	24	1	RC-Split	3060	74.4	63	14
QRC0036	G02801	24	25	1	RC-Split	3180	104	78.8	14
QRC0036	G02802	25	26	1	RC-Split	2420	96.6	68.2	12
QRC0036	G02803	26	27	1	RC-Split	2040	81.7	73.9	20
QRC0036	G02804	27	28	1	RC-Split	4660	120	96.3	24
QRC0036	G02805	28	29	1	RC-Split	5760	154	82.3	26
QRC0036	G02806	29	30	1	RC-Split	5070	128	72.9	25
QRC0036	G02807	30	31	1	RC-Split	6400	143	69.1	26
QRC0036	G02808	31	32	1	RC-Split	5550	115	60.7	25
QRC0036	G02809	32	33	1	RC-Split	3920	117	56	23
QRC0036	G02810	33	34	1	RC-Split	4980	146	90.9	26
QRC0036	G02811	34	35	1	RC-Split	4860	163	96.1	26
QRC0036	G02812	35	36	1	RC-Split	4470	156	89.3	26
QRC0036	G02813	36	37	1	RC-Split	4750	212	75.6	22
QRC0036	G02814	37	38	1	RC-Split	6140	306	93.2	26
QRC0036	G02815	38	39	1	RC-Split	6160	319	87.8	25
QRC0036	G02816	39	40	1	RC-Split	6130	303	73.8	21
QRC0036	G02817	40	41	1	RC-Split	6080	314	58.7	21
QRC0036	G02818	41	42	1	RC-Split	6170	262	35.4	21
QRC0036	G02819	42	43	1	RC-Split	5900	388	69.5	21
QRC0036	G02821	43	44	1	RC-Split	6790	562	49.5	23
QRC0036	G02822	44	45	1	RC-Split	5790	902	56.4	24
QRC0036	G02823	45	46	1	RC-Split	2860	355	25.5	15
QRC0036	G02824	46	47	1	RC-Split	3910	373	39.3	16
QRC0036	G02825	47	48	1	RC-Split	5620	401	63.1	18
QRC0036	G02826	48	49	1	RC-Split	5240	378	44.6	15
QRC0036	G02827	49	50	1	RC-Split	3940	1180	37.7	8
QRC0036	G02828	50	51	1	RC-Split	1920	406	12.6	3



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0036	G02829	51	52	1	RC-Split	2260	494	20.9	4
QRC0036	G02830	52	53	1	RC-Split	3490	870	33.4	8
QRC0036	G02831	53	54	1	RC-Split	1400	105	18.8	6
QRC0036	G02832	54	55	1	RC-Split	1980	410	22	4
QRC0036	G02833	55	56	1	RC-Split	4810	1610	59.4	10
QRC0036	G02834	56	57	1	RC-Split	4560	1290	57.8	12
QRC0036	G02835	57	58	1	RC-Split	2660	620	41.1	11
QRC0036	G02836	58	59	1	RC-Split	1180	164	27.3	12
QRC0036	G02838	60	61	1	RC-Split	1920	305	26.8	10
QRC0036	G02839	61	62	1	RC-Split	4930	924	60.9	12
QRC0036	G02841	62	63	1	RC-Split	3160	290	42	10
QRC0036	G02846	67	68	1	RC-Split	3790	78.2	28.4	3
QRC0036	G02847	68	69	1	RC-Split	3060	53.9	24.4	4
QRC0036	G02848	69	70	1	RC-Split	4030	122	30.4	5
QRC0036	G02849	70	71	1	RC-Split	3680	130	34.7	4
QRC0037	G02876	36	37	1	RC-Split	1860	123	308	57
QRC0037	G02877	37	38	1	RC-Split	3390	434	398	61
QRC0037	G02878	38	39	1	RC-Split	4690	355	630	57
QRC0037	G02879	39	40	1	RC-Split	3760	303	358	64
QRC0037	G02881	40	41	1	RC-Split	1360	68.1	105	10
QRC0037	G02882	41	42	1	RC-Split	5260	192	295	21
QRC0037	G02883	42	43	1	RC-Split	6270	262	240	25
QRC0037	G02884	43	44	1	RC-Split	6330	348	187	51
QRC0037	G02885	44	45	1	RC-Split	4200	357	166	65
QRC0037	G02886	45	46	1	RC-Split	4980	338	251	66
QRC0037	G02887	46	47	1	RC-Split	5010	274	278	52
QRC0037	G02888	47	48	1	RC-Split	3780	228	253	56
QRC0037	G02889	48	49	1	RC-Split	3940	244	271	56
QRC0037	G02890	49	50	1	RC-Split	3500	164	222	50
QRC0037	G02891	50	51	1	RC-Split	4620	253	288	47
QRC0037	G02892	51	52	1	RC-Split	5160	232	289	56
QRC0037	G02893	52	53	1	RC-Split	3900	157	204	52
QRC0037	G02894	53	54	1	RC-Split	4420	212	116	58
QRC0037	G02895	54	55	1	RC-Split	5100	243	106	60
QRC0037	G02896	55	56	1	RC-Split	5110	289	49.2	45
QRC0037	G02897	56	57	1	RC-Split	4940	276	49.8	23
QRC0037	G02898	57	58	1	RC-Split	5200	241	40	36
QRC0037	G02899	58	59	1	RC-Split	5060	240	42.6	43
QRC0037	G02901	59	60	1	RC-Split	4670	218	41.2	51
QRC0037	G02902	60	61	1	RC-Split	4210	175	45.8	47
QRC0037	G02903	61	62	1	RC-Split	3760	143	17.9	49
QRC0037	G02904	62	63	1	RC-Split	3900	122	9.7	51
QRC0037	G02905	63	64	1	RC-Split	3950	169	20.5	30



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0037	G02906	64	65	1	RC-Split	4200	236	20.1	9
QRC0037	G02907	65	66	1	RC-Split	4160	161	11.3	5
QRC0037	G02908	66	67	1	RC-Split	3840	285	15.5	4
QRC0037	G02909	67	68	1	RC-Split	2300	85	12.1	3
QRC0037	G02910	68	69	1	RC-Split	2100	64.1	12.5	4
QRC0037	G02911	69	70	1	RC-Split	4190	200	26.3	6
QRC0037	G02912	70	71	1	RC-Split	3960	160	18.7	5
QRC0037	G02913	71	72	1	RC-Split	4410	211	26.6	6
QRC0037	G02914	72	73	1	RC-Split	2860	133	18.9	6
QRC0037	G02915	73	74	1	RC-Split	2850	150	25.1	6
QRC0037	G02916	74	75	1	RC-Split	4970	219	32.6	7
QRC0037	G02917	75	76	1	RC-Split	4310	218	35.5	9
QRC0037	G02918	76	77	1	RC-Split	3840	217	40.9	8
QRC0037	G02919	77	78	1	RC-Split	3840	230	42.6	9
QRC0037	G02921	78	79	1	RC-Split	2410	131	25.7	6
QRC0037	G02922	79	80	1	RC-Split	6360	225	29.2	7
QRC0037	G02931	88	89	1	RC-Split	3950	383	14.3	3
QRC0037	G02932	89	90	1	RC-Split	5160	608	11.4	4
QRC0037	G02933	90	91	1	RC-Split	3420	303	14.2	20
QRC0037	G02934	91	92	1	RC-Split	3480	218	15.2	32
QRC0037	G02935	92	93	1	RC-Split	4520	218	13.6	30
QRC0037	G02936	93	94	1	RC-Split	3060	184	11.6	22
QRC0039	G02972	23	24	1	RC-Split	2610	590	279	70
QRC0039	G02973	24	25	1	RC-Split	3520	257	340	47
QRC0039	G02974	25	26	1	RC-Split	3240	227	342	45
QRC0039	G02975	26	27	1	RC-Split	3230	349	278	51
QRC0039	G02976	27	28	1	RC-Split	3430	451	266	53
QRC0039	G02977	28	29	1	RC-Split	3400	617	219	57
QRC0039	G02978	29	30	1	RC-Split	3680	440	182	52
QRC0039	G02979	30	31	1	RC-Split	3270	265	166	56
QRC0039	G02986	36	37	1	RC-Split	4160	364	240	46
QRC0039	G02987	37	38	1	RC-Split	2450	195	135	41
QRC0039	G02988	38	39	1	RC-Split	3600	286	108	53
QRC0040	G03034	24	25	1	RC-Split	2020	71	66	27
QRC0040	G03035	25	26	1	RC-Split	3550	102	98.5	38
QRC0040	G03036	26	27	1	RC-Split	5950	592	148	63
QRC0040	G03037	27	28	1	RC-Split	2080	152	94.2	69
QRC0040	G03038	28	29	1	RC-Split	2300	93.5	78	65
QRC0040	G03039	29	30	1	RC-Split	2900	120	153	71
QRC0040	G03041	30	31	1	RC-Split	3110	135	146	69
QRC0040	G03042	31	32	1	RC-Split	4130	229	161	71
QRC0040	G03043	32	33	1	RC-Split	3300	158	126	78
QRC0040	G03044	33	34	1	RC-Split	3500	213	85.5	78



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0040	G03045	34	35	1	RC-Split	4090	1150	118	45
QRC0040	G03046	35	36	1	RC-Split	4580	1780	147	28
QRC0040	G03047	36	37	1	RC-Split	2990	469	83.7	21
QRC0040	G03048	37	38	1	RC-Split	8540	915	126	31
QRC0040	G03049	38	39	1	RC-Split	13400	1090	101	27
QRC0040	G03050	39	40	1	RC-Split	16800	892	105	42
QRC0040	G03051	40	41	1	RC-Split	11600	680	99	36
QRC0040	G03052	41	42	1	RC-Split	11500	501	75.3	52
QRC0040	G03053	42	43	1	RC-Split	10900	612	81.1	45
QRC0040	G03054	43	44	1	RC-Split	9640	311	89.8	24
QRC0040	G03055	44	45	1	RC-Split	11100	364	80.1	26
QRC0040	G03056	45	46	1	RC-Split	12600	361	89.6	30
QRC0040	G03057	46	47	1	RC-Split	16200	378	71.8	35
QRC0040	G03058	47	48	1	RC-Split	19300	368	42.1	46
QRC0040	G03059	48	49	1	RC-Split	9240	346	41.1	18
QRC0040	G03061	49	50	1	RC-Split	9920	475	42.7	18
QRC0040	G03062	50	51	1	RC-Split	12400	821	57.2	24
QRC0040	G03063	51	52	1	RC-Split	10900	1060	73.5	26
QRC0040	G03064	52	53	1	RC-Split	7220	557	63.2	22
QRC0040	G03065	53	54	1	RC-Split	6130	340	49	18
QRC0040	G03066	54	55	1	RC-Split	8230	246	62.6	18
QRC0040	G03067	55	56	1	RC-Split	15300	672	58.2	20
QRC0040	G03068	56	57	1	RC-Split	15400	1140	44	15
QRC0040	G03069	57	58	1	RC-Split	32600	1710	35.4	12
QRC0040	G03070	58	59	1	RC-Split	33400	1120	29.3	17
QRC0040	G03071	59	60	1	RC-Split	22200	1330	26.8	29
QRC0040	G03072	60	61	1	RC-Split	23500	1130	30.7	9
QRC0040	G03073	61	62	1	RC-Split	11600	674	41.6	10
QRC0040	G03074	62	63	1	RC-Split	13200	538	59.9	23
QRC0040	G03075	63	64	1	RC-Split	24600	859	51.4	19
QRC0040	G03076	64	65	1	RC-Split	19700	868	41.9	9
QRC0040	G03077	65	66	1	RC-Split	7780	272	46.3	10
QRC0040	G03078	66	67	1	RC-Split	9440	576	51.3	13
QRC0040	G03079	67	68	1	RC-Split	7120	363	24	9
QRC0040	G03081	68	69	1	RC-Split	3740	244	16	4
QRC0040	G03082	69	70	1	RC-Split	3520	239	17	4
QRC0041	G03117	37	38	1	RC-Split	2700	110	129	33
QRC0041	G03118	38	39	1	RC-Split	4820	97.5	109	29
QRC0041	G03119	39	40	1	RC-Split	7680	197	125	36
QRC0041	G03121	40	41	1	RC-Split	5820	272	81.2	61
QRC0041	G03122	41	42	1	RC-Split	3190	132	52.9	32
QRC0041	G03130	49	50	1	RC-Split	4420	701	69	18
QRC0041	G03131	50	51	1	RC-Split	3830	1170	86.4	15



Hole No	Sample No	From	То	Interval	Sample	Ni ppm	Co ppm	Cu ppm	Sc ppm
QRC0041	G03132	51	52	1	RC-Split	4690	1720	144	17
QRC0041	G03133	52	53	1	RC-Split	11200	1990	114	25
QRC0041	G03134	53	54	1	RC-Split	10600	667	105	51
QRC0041	G03135	54	55	1	RC-Split	9660	1000	104	46
QRC0041	G03136	55	56	1	RC-Split	10900	817	69.8	58
QRC0041	G03137	56	57	1	RC-Split	9060	462	54.7	51
QRC0041	G03138	57	58	1	RC-Split	10200	302	41.1	39
QRC0041	G03139	58	59	1	RC-Split	16200	452	30.7	29
QRC0041	G03141	59	60	1	RC-Split	11400	366	22.1	14
QRC0041	G03142	60	61	1	RC-Split	13900	397	41.6	35
QRC0041	G03143	61	62	1	RC-Split	18400	446	22.9	18
QRC0041	G03144	62	63	1	RC-Split	12400	488	55	41
QRC0041	G03145	63	64	1	RC-Split	13400	437	45.9	34
QRC0041	G03146	64	65	1	RC-Split	4140	127	12.5	6
QRC0041	G03147	65	66	1	RC-Split	2270	69.8	5.1	4
QRC0041	G03148	66	67	1	RC-Split	5910	210	11.6	9
QRC0041	G03149	67	68	1	RC-Split	5050	210	10.1	8
QRC0041	G03150	68	69	1	RC-Split	6070	243	8.3	8
QRC0041	G03151	69	70	1	RC-Split	8950	272	13.8	13
QRC0041	G03152	70	71	1	RC-Split	14000	264	25.1	25
QRC0041	G03153	71	72	1	RC-Split	14500	259	15.9	25
QRC0041	G03154	72	73	1	RC-Split	10600	234	10.3	14
QRC0041	G03155	73	74	1	RC-Split	4070	122	5	5
QRC0041	G03156	74	75	1	RC-Split	7320	222	8.5	9
QRC0041	G03157	75	76	1	RC-Split	5760	177	8.1	6
QRC0041	G03158	76	77	1	RC-Split	8450	243	17.2	11
QRC0041	G03159	77	78	1	RC-Split	11600	172	13.1	41
QRC0041	G03161	78	79	1	RC-Split	10700	239	20.8	28
QRC0041	G03162	79	80	1	RC-Split	10100	271	22.9	29

- A. Co=Cobalt, Cu=Copper, Ni=Nickel & Sc=Scandium
- B. ppm= part per million, gpt=grams per tonnes (nb. ppm=gpt)
- C. 1%= 10,000 ppm



# **APPENDIX 3 – JORC TABLES**



# Appendix 1 JORC Code, 2012 Edition – Table 1

# **Section 1 - Sampling Techniques and Data**

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg</li> </ul>	<ul> <li>A total of 66 reverse circulation drill holes were completed as part of the ongoing exploration program over the Quicksilver Project</li> <li>In total, these drill holes yielded over 1,200 samples, comprised of composite samples, standards and blanks.</li> <li>Drill samples were composed of 4 metre composites spear sampled from the 1 metre intervals produced from drilling, leaving the rotary split, 1 metre calico samples, for later resample.</li> <li>All composites with assay values of over 1,000 ppm Nickel and/or 100 ppm cobalt have been resampled utilising the above mentioned rotary splits.</li> </ul>
Drilling techniques	<ul> <li>submarine nodules) may warrant disclosure of detailed information.</li> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	RC drilling (5.25" face sampling bit) was utilised to test the weathered stratigraphy through to fresh rock
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul> <li>All samples and subsamples were weighed to assess recovery</li> <li>Very little sample loss was observed at the collar</li> <li>There appears to be no sample bias or relationship between grade and sample recovery</li> </ul>
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate	Small subsamples of the 1m drill intervals were collected and placed in a chip tray,



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	<ul> <li>Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>All drill holes were geologically logged, noting lithologies, veining and alteration, from their collar to the end of hole.</li> </ul>
Sub-sampling	If core, whether cut or sawn and whether quarter, half or all core	Samples were collected in two ways,
techniques and sample preparation	<ul> <li>taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> </ul>	<ol> <li>A rotary split of approximately 2 kg was taken on 1m intervals directly from the cyclone of the drill rig (for later resample), and</li> <li>A spear sample, from the remaining drill spoil, was taken to produce a 4m composite of the down hole drilling for initial assay.</li> </ol>
	<ul> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	Blanks and standards were introduced as checks through both Golden Mile sampling on site and by LabWest in Malaga.
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul> <li>The laboratory assaying techniques are suitable for the samples submitted. Samples were submitted to LabWest in Malaga, Perth, for a suite of elements including Ag, Co, Cr, Cu, Fe, Mg, Mn, Ni &amp; Sc using an MAD prep and ICP analysis.</li> <li>Golden Mile introduced a mix of standards and blanks throughout the sample runs on a 1:20 ratio to ensure QC,</li> <li>Labwest also initiated duplicate sampling and ran their own standards as part of the assay regime.</li> </ul>
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data</li> </ul>	<ul> <li>Samples were collected, sampled and verified by independent geological consultant in the field and physically checked by Company personnel in the field before submitting to LabWest for assaying.</li> <li>Sampling and logging has been undertaken in hardcopy format prior</li> </ul>
	verification, data storage (physical and electronic) protocols.	to being entered into the Company's digital database.
	Discuss any adjustment to assay data.	No adjustments to assay were done.
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> </ul>	<ul> <li>Drill holes were located using a hand held GPS (accurate to &lt;5 metres) in GDA 94, Zone 50.</li> </ul>



	<ul> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Drilling was undertaken on 200 x 50 metre centres across the Quicksilver prospect</li> <li>Spacing is insufficient to establish a resource at this time, although an 'Exploration Target' has previously been put forward</li> <li>Samples down hole are reported as 4m composites, with 1m resamples being reported</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul> <li>Sampling is unbiased and was designed to test the weathered and fresh lithologies in the profile and both drill and sampling orientations have been optimised to this end</li> <li>No bias is recognised at this time due to drill orientation.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>Samples were bagged and secured by field staff prior to submission to the laboratory.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	At this preliminary stage no audits of sampling technique were done.



# **Section 2 - Reporting of Exploration Results**

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>E 70/4641 overlies both private and crown land with access agreements in place over the landowners where the active work program is being undertaken.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Compilation of historical data has been completed and is being utilised to target the ongoing work program.</li> </ul>
Geology	<ul> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	Ultramafic hosted nickel, cobalt & scandium mineralisation.
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	A listing of the drill hole collar information is provided in Appendix 2.  Of this report.
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Weighted averages have been used in the calculation of drill hole intercepts</li> <li>Lower cut-offs have included 400 ppm or 0.04% for Cobalt and 4,000 ppm or 0.4%for nickel</li> <li>Most individual samples are now 1 metre splits</li> <li>Allowable internal dilution was set at up to 8m for Ni-Co intercepts</li> <li>No 'metal equivalents' have been quoted.</li> </ul>



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Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<ul> <li>At this point we believe that the mineralisation is 'sub-horizontal' and as such the drill hole dip, predominantly vertical, represents true width.</li> </ul>
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	Maps are presented in the accompanying ASX announcement.
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul> <li>A listing of all the results from the reported intercepts is provided in Appendices 1 &amp; 2 of this report.</li> </ul>
Other substantive exploration data	<ul> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	These factors are discussed in the body of the accompanying ASX announcement.
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	The ongoing work program and discussion of targets for drilling is contained in the body of the report.