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RioTinto

Rio Tinto Exploration Canada Inc.

2018 Diamond Drilling Program on the Baril Lake Property

Brule Lake Area
NTS 52B/10 – Burchell Lake
Thunder Bay Mining Division
Ontario, Canada

Justin Laberge,
November 2018

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Summary

Between March 1st and March 13th, 2018, Rio Tinto Exploration Canada Inc. (RTECI) drilled 6 diamond drillholes on the Baril Lake property, for a total of 708m. The objective of the drilling was to identify PGE-Cu-Ni mineralization associated with small ultramafic intrusions within the Quetico meta-sedimentary belt.

The diamond drilling was done by George Downing Estate Drilling, under direct on-site supervision from Rio Tinto Exploration Canada. Drill pads where set on land in an open cut next to a logging road.

The program targeted a small EM anomaly located 300 west of mapped outcrops of hornblendite, interpreted to be a small Quetico intrusion, deformed within the paragneisses of the Quetico meta-sedimentary belt.

At Baril Lake, a thin intercept of massive sulphides was encountered in drill hole, explaining the EM conductor identified from the survey at surface. Best intercept is 2m grading 4.78%Ni, 0.43% Cu and 0.26 g/t PGE. The massive sulphides occur as a small lens which could not be extended by the further drilling. Mineralization appears to be aligned along a steep east-west brittle-ductile structure, within which Ni-Cu sulphides were found up to 150m away from the massive sulphide intercept. Further work is recommended to properly test the structure and potential for further massive Ni-Cu sulphide mineralization.

All project scale maps and coordinates are in UTM NAD83, Zone 15N.

Introduction

In late 2016 to early 2017, Rio Tinto Exploration Canada Inc. (RTECI) completed a regional airborne electromagnetic (EM) survey, covering ~680 square kilometres, over the northern end of the Quetico belt, between Crooked Pine Lake, Baril Lake and Lac des Mille Lacs. From this survey, a small EM anomaly was identified to the south of Baril Lake. In the summer of 2017, follow-up prospecting identified a few outcrops of hornblendite on the viscinity of the EM anomaly, interpreted to be a small Quetico intrusion, hosted within meta-sedimentary gneisses and associated leucogranite of the Quetico Belt. No mineralization was observed in the intrusive exposed at surface. RTECI then staked 2 mineral claims over the EM anomaly and ultramafic outcrops, on the south side of Baril Lake, at the corner between the Brule Lake Area, Crayfish Lake Area, and Boot Bay Area. These two claims are here referred to as the Baril Lake property. The property was staked to explore for Ni-Cu mineralization associated with small ultramafic Quetico intrusions. In March 2018, RTECI drilled 6 shallow diamond drillholes to test the EM anomaly located >300m west of ultramafic rocks mapped at surface. Results from this drilling are presented in this report.

Work included in this assessment report is pursuant to Exploration Permit PR-17-11194, submitted under the project name Bark Lake, received November 15, 2017. Rio Tinto personnel who worked on the project is listed below.

Table 1: List of personnel

Company	Name	Position
RTECI	Chris Pettman	Exploration Manager
	Justin Laberge	Project Geologist
	Lindsay McClenaghan	Geologist
	Rob Varrin	Project Coordinator
	Steve Swinamer	Project Coordinator

Location and Access

The Baril Lake property is located approximately 115km west-northwest of Thunder Bay, and 66km east of Atikokan, on the north side of highway 11 (Figure 1). The survey area is accessible by light truck during the summer time off Lily Lake road and Boot Bay road, logging roads heading north from the highway, near Kashabowie. Roads were plowed by RTECI to access the area during the winter.

Figure 1: Map showing location of the Baril Lake property relative to the city of Thunder Bay.

Property Status

The Baril Lake property consisted at the time of the drilling program in 2 contiguous claims, over 512 Ha. After the MNDM conversion to MLAS in April 2018, the Baril Lake property became 40 claims covering 852 Ha. The work reported on in this assessment was completed on only 1 of the new claim units. The claims are shown in plan map in Figure 2 and further described in Table 2 and Table 3. These claims are all located on Crown Land.

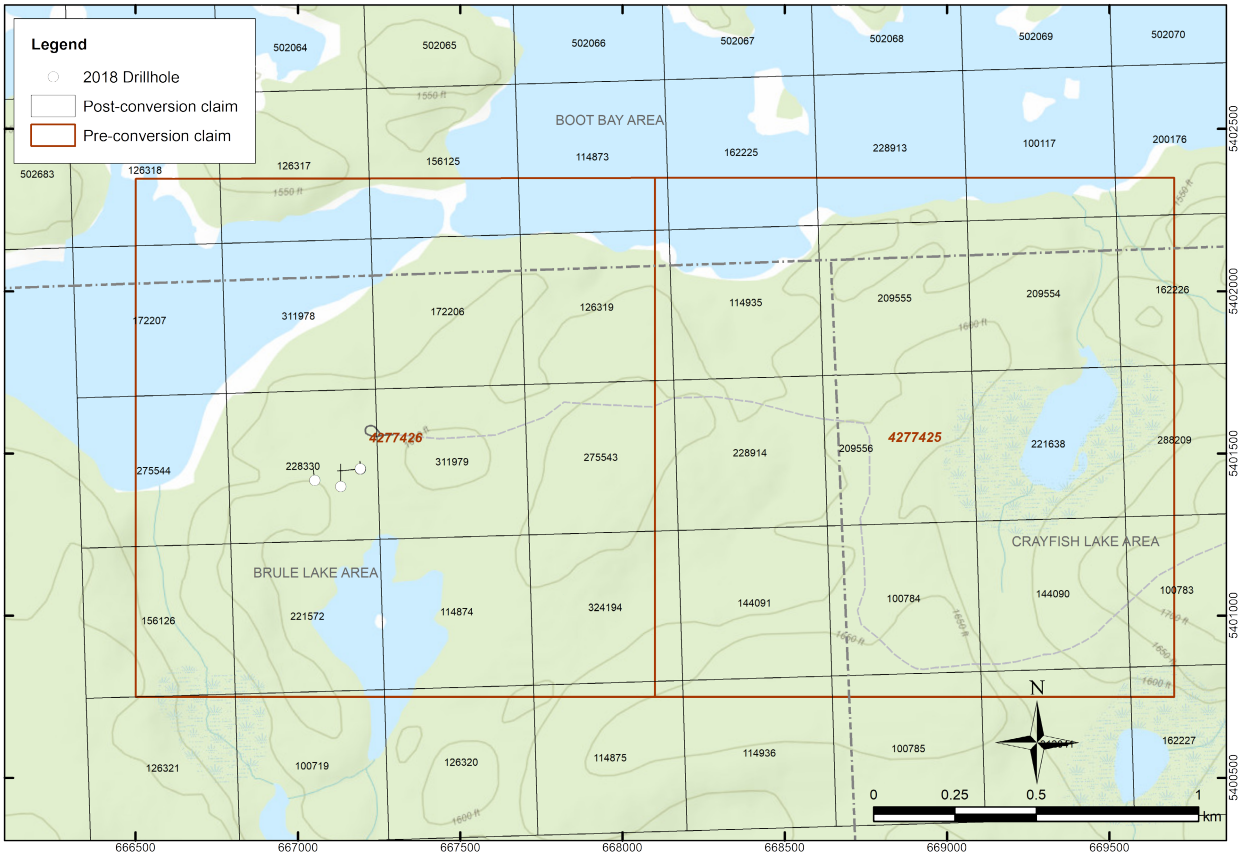


Figure 2: Baril Lake property map showing the pre-conversion claims at the time of drilling and the post-conversion claims at the time of reporting (details in next figure).

Table 2: Pre-conversion claim where the drilling was completed

Claim Number	Type	Claim Units	Issue Date	Claim Holder
4277426	Mining Claim	16	2017-08-29	Rio Tinto Exploration Canada Inc. (100%)

Table 3: Post-conversion claim where the drilling was completed

Claim Number	Type	Issue Date	Claim Holder	Township
228330	Single Cell Mining Claim	2018-04-10	Rio Tinto Exploration Canada Inc. (100%)	Brule Lake Area

Previous Work

No previous work has been done on the property. The most detailed bedrock mapping in the area was completed by Irvine, in 1960, as the 1:63,360 scale map 2022 Western Lac des Mille Lacs Area, from the Ontario Department of Mines.

Regional Geology

The Baril Lake property is underlain by Archean meta-sedimentary rocks of the Quetico Subprovince. The Quetico Fault bounds the north of the Quetico Subprovince with the Wabigoon Subprovince to the north. The Quetico Subprovince, which hosts the Baril Lake property consists mainly of meta-sedimentary rocks, derived migmatite and granite with a suite of Alaska type mafic-ultramafic intrusions. These intrusions, called the Quetico intrusions, locally host Cu-Ni-PGE mineralization.

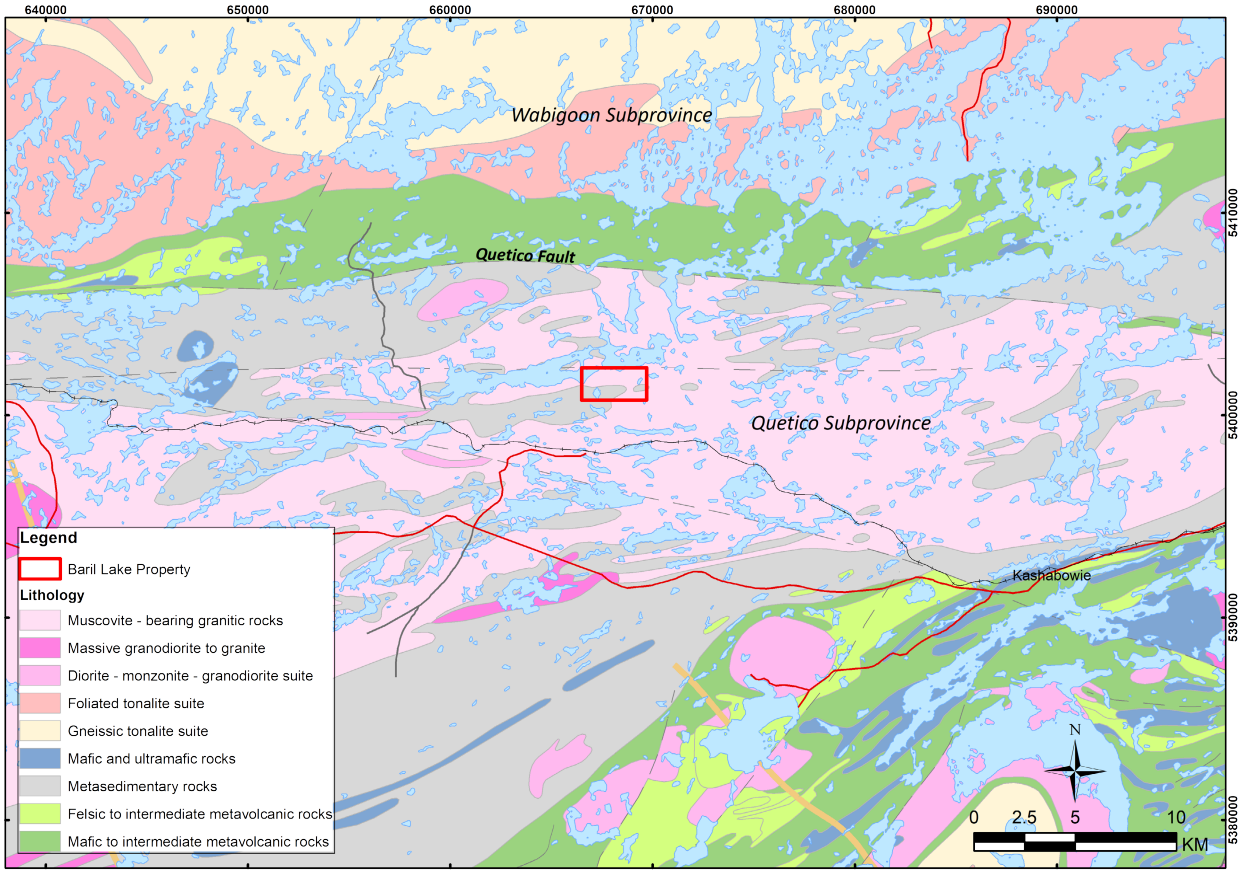


Figure 3: Geological map showing the RTECI project area in red (from the 1:250k OGS digital map).

Property Geology

Although the property is generally covered by till, a few low-level outcrops occur on the property, mainly along the logging road. Most of the rocks exposed on the property are Quetico meta-sediments, occuring here as medium-grained, biotite-rich, quartzo-feldspathic gneisses. White to pink leucogranites are associated with the paragneiss, as both are banded along the regional foliation, which is east-west, and dips steeply to the south. These granites are medium-grained to pegmatitic and contain a few percent biotite. Within the paragneiss a small body of hornblendite to feldspathic hornblendite was mapped on the property. This feldspathic hornblendite is black, medium to coarse-grained, and unmineralized. Hornblende crystals are up to 15mm in size and plagioclase represent up to 20% of the rock. Minor amount of biotite occurs in the honrblendite, as well as traces of disseminated pyrrhotite.

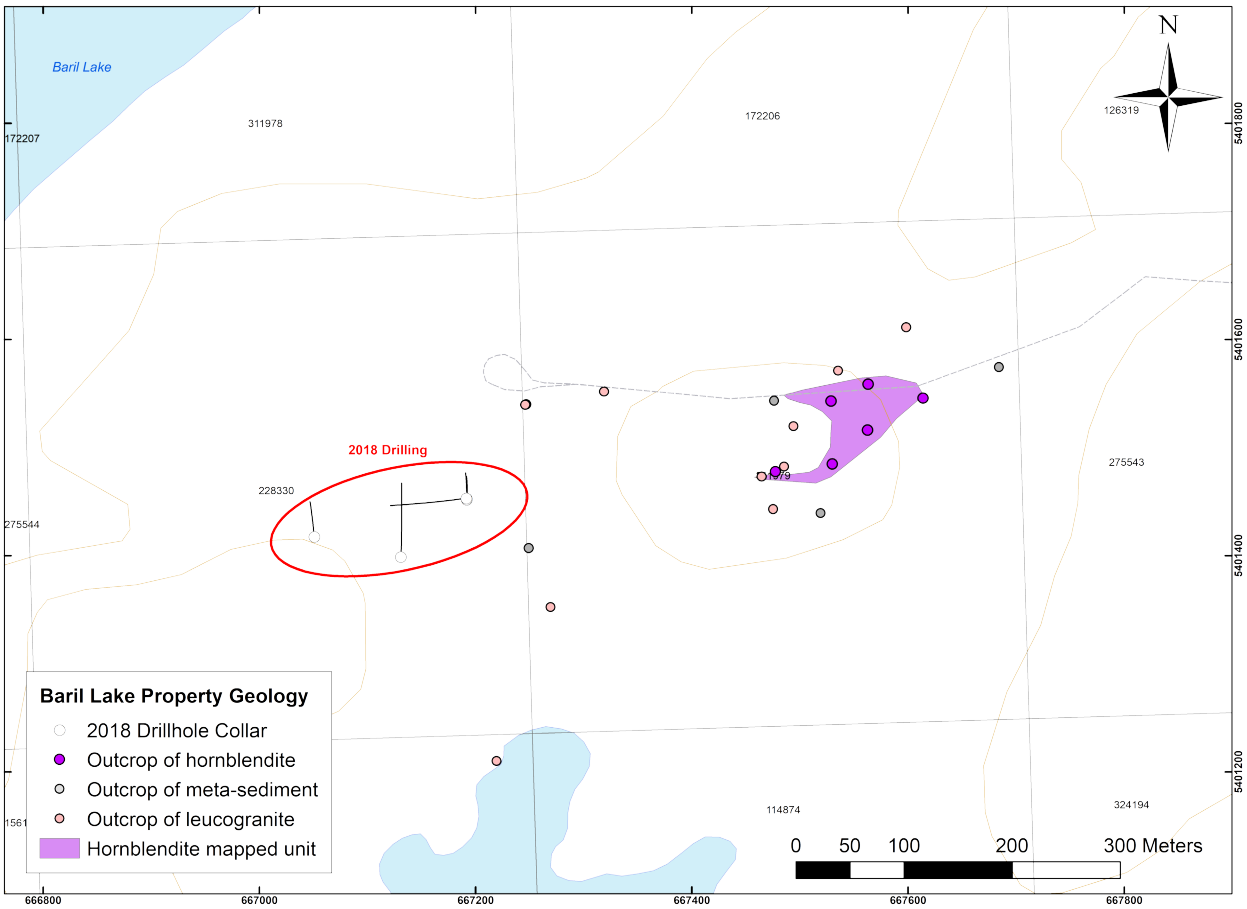


Figure 4: Baril Lake property geology map showing observed outcrops and mapped hornblendite unit.

2018 Diamond Drilling

A total of 708m of core drilling was completed in 6 diamond drillholes, drilled by George Downing Estate Drilling Ltd, between March 1st and March 13th, 2018. The 6 drillholes targeted Cu-Ni mineralization associated with Quetico intrusions. All of the drill core was NQ3 in size and was transported to Rio Tinto's core shed in Thunder Bay for logging, cutting and sampling. Drillhole location and orientation is summarized in Table 4. The target and summarized results are listed in Table 5. Drill logs are presented in Appendix B and cross-sections in Appendix C. A drillhole map is presented in Figure 5 below, and a 3D view in Figure 6. Drillhole geology is described below.

Table 4: Drillhole collar location and depth

Hole ID	Easting	Northing	Elevation (m)	Azimuth	Dip	Depth (m)	Samples Assayed
QTBL0004	667130.8	5401398.8	480	0	-60	132	29
QTBL0005	667191.75	5401452.3	480	0	-80	102	44
QTBL0006	667191.8	5401452.8	480	0	-60	45	27
QTBL0007	667191.7	5401451.8	480	0	-90	132	43
QTBL0008	667191.4	5401453.1	480	265	-60	138	42
QTBL0009	667050.8	5401417.5	484	355	-80	159	29
					Total:	*708*	*214*

Table 5: Drilling summary by drillhole with target and results

Drillhole	Depth	Drill Target	Comments
QTBL0004	132m	Airborne EM anomaly; conductive plate modelled at 75-90m depth	Intersected meta-sediments consisting of paragneiss and leucogranite.
QTBL0005	102m	Airborne EM anomaly; conductive plate modelled at 55-70m depth	Intersected 0.9m of mineralized ultramafic intrusive above a 1.0m intersection of massive sulphides consisting of pyrrhotite-pentlandite-chalcopyrite and 10% inclusions/clasts at a depth of 23m.
QTBL0006	45m	Up-dip extension the massive sulphide vein/lens	No intrusive or massive Ni-sulphide encountered. Only a 0.1m interval with massive-pyrite veins intersected at 12m.
QTBL0007	132m	Down-dip extension of the massive sulphide vein/lens	No intrusive or massive sulphide encountered. A 0.5m thick brecciated pegmatite at 44m depth contains coarse-grained Po-Pn-Cpy
QTBL0008	138m	Proximal western extension of the massive sulphide vein/lens	No intrusive or massive sulphide encountered. Remobilized coarse Po-Cpy occurs in a brecciated pegmatite at 50m.
QTBL0009	159m	Distal western extension of mineralized structure. EM plate from airborne.	3-5 cm veins of massive sulphides (Po-Cpy) at low angle to core axis at 51m.

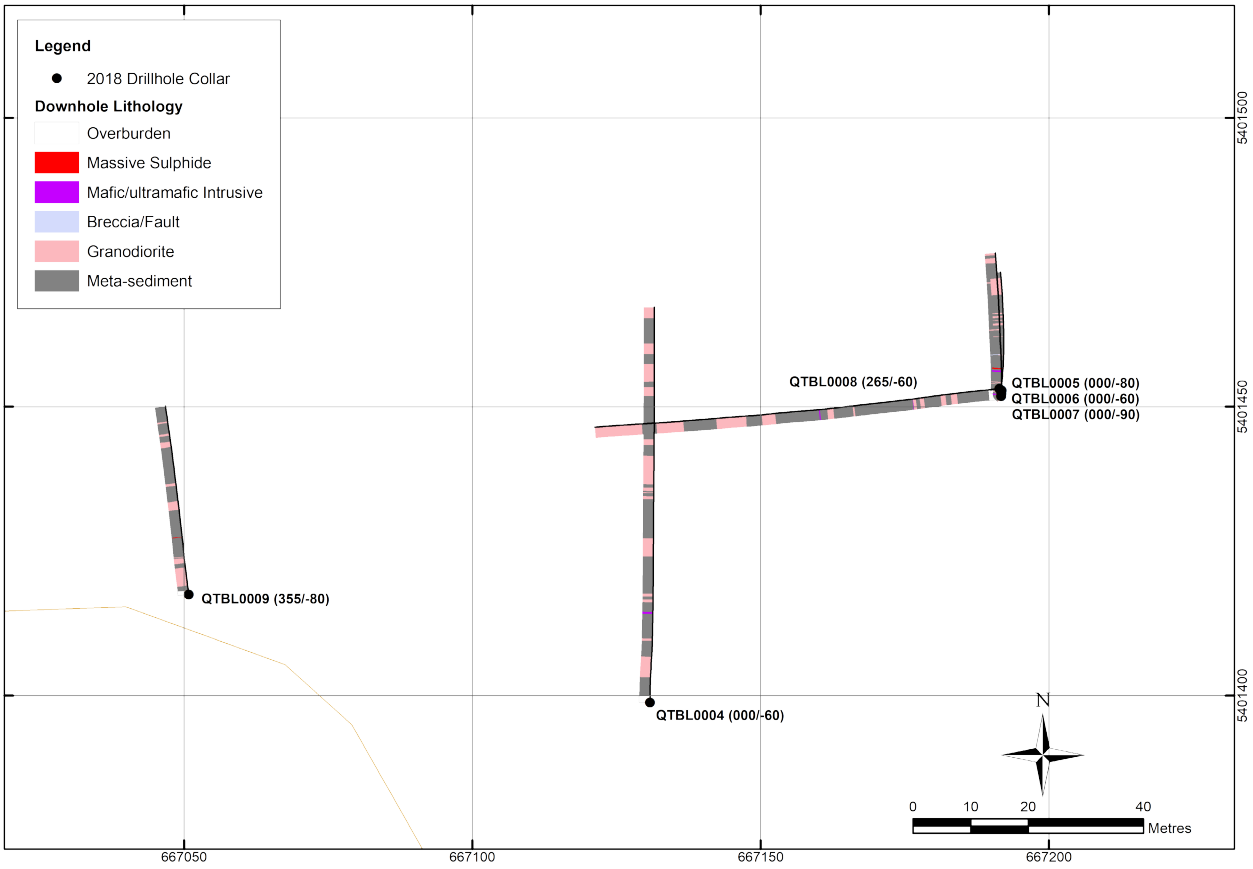


Figure 5: Map of the 2018 Baril Lake drillholes, showing the collars and drill traces and logged lithologies.

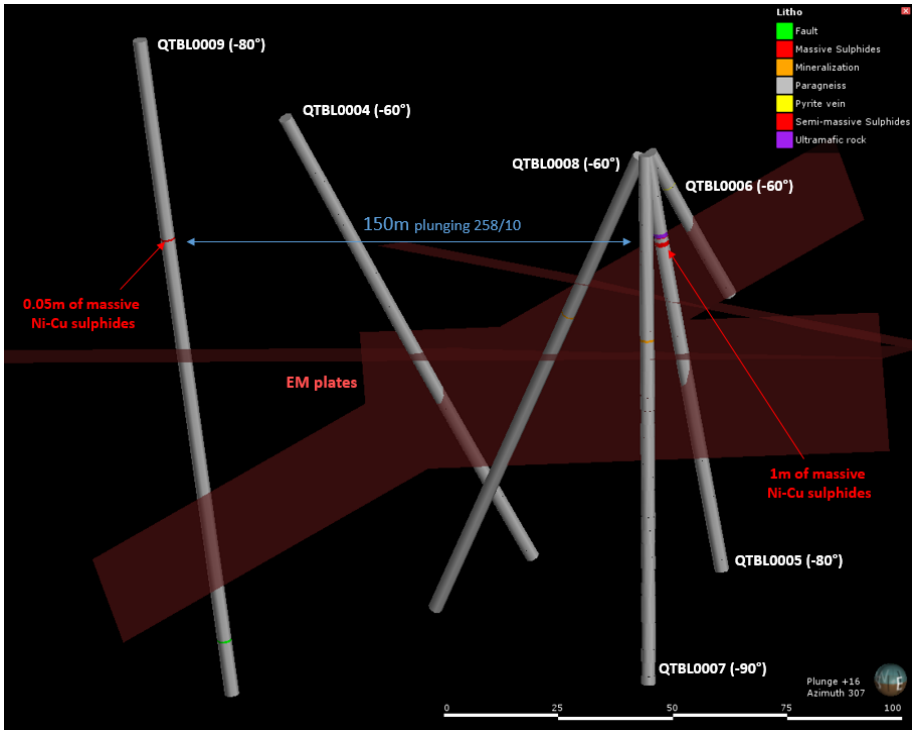


Figure 6: Oblique 3D view looking northwest at the Baril Lake EM target. Red planes are the EM plates modelled from the airborne data. Sulphides occur along a steep south-dipping plane followed along 150m.

Drill Holes Geology

Drillhole **QTBL0004** was planned to test an EM conductor identified in a regional airborne electromagnetic survey. The hole intersected gneissic meta-sediments to a final depth of 132m, without intersecting any ultramafic rocks, or mineralization. The only sulphides encountered occur as thin pyrite-rich bands around 60m depth.

Quicklog for QTBL0004

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	3	3	Overburden				
3	60	57	Paragneiss, 20% pegmatite	3	60	57	None
60	64	4	Foliated granodiorite	60	64	4	1-2% pyrite
64	74	10	Paragneiss, 20% pegmatite	64	132	68	None
74	84	10	Pegmatite				
84	132	48	Paragneiss, 20% pegmatite				

Drillhole **QTBL0005** was collared 85m northeast of QTBL0004, to test the EM conductors down for the top, at a steep angle, instead of across from the side, as was done in the previous hole. This drillhole interested a thin intercept of altered ultramafic intrusive rock, only 0.9m thick, at 21m (Figure 7). The ultramafic rock shows strong alteration to chlorite-biotite-serpentine and contains 2% disseminated chalcopyrite. At its base, it is in contact with a 15cm interval of semi-massive sulphides within the meta-sediments (Figure 8). This thin semi-massive sulphide zone consists of pyrrhotite, pentlandite and minor chalcopyrite sheared with the gneissic meta-sediments. One meter below that, at a depth of 23m, a 1m intercept of similar massive pyrrhotite-pentlandite-chalcopyrite was intersected within the meta-sediments (Figures 9-11). Although the sulphides are likely magmatic in origin, they form the matrix of a shear zone, as a band or lens, with 15% rounded clasts from the host meta-sedimentary rock. Below the massive sulphide intercept, another 78m of barren meta-sediments were drilled to the end of the hole.

Quicklog for QTBL0005

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	2.6	2.6	Overburden				N/A
2.6	20.87	18.27	Paragneiss, 20% pegmatite	2.6	20.87	18.27	None
20.87	21.75	0.88	Altered ultramafic rock? Now mostly Chl-Bt-Cpx	20.87	21.75	0.88	2% Cpy, disseminated
21.75	21.90	0.15	Semi-massive sulphides in Bt-schist	21.75	21.90	0.15	30% Po-Pn
21.90	22.85	0.95	Paragneiss	21.90	22.20	0.3	10% Po-Pn, 1% Cpy in 1-10mm thick bands
				22.20	22.85	0.65	None
22.85	23.85	1.0	Massive sulphides (85% sulphides, 15% sub-rounded clasts)	22.85	23.85	1.0	85% Po-Pn, 1% Cpy
23.85	102	42.15	Paragneiss & pegmatite	23.85	66	78.15	None

Drillhole **QTBL0006** was collared on the same pad as QTBL0005 but at a dip 20° shallower. It did not intersect the same massive sulphide unit but instead only a very thin, 15cm intercept of semi-massive pyrite, at a depth of 12m (Figure 12). This pyritic zone displays a similar breccia texture as the Ni-Cu massive sulphides, but contains no Ni-Cu, and could still be the extension of the massive sulphide unit, ~13m up-dip.

Quicklog for QTBL0006

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	3	3	Overburden				
3	45	42	Paragneiss, 20% leucogranite	3	12	9	None
				12.0	12.15	0.15	Thin massive pyrite veins 2-3cm thick containing 25% rounded clasts from host rock.
				12.15	45	32.85	None

Drillhole **QTBL0007** was drilled vertically, or 10° steeper than QTBL0005. This hole also failed to intersect the massive sulphide unit. The only Ni-Cu sulphides observed in this hole occur within the biotite-rich matrix of a 0.5m thick brecciated pegmatite at 44m (Figure 13). This could represent the extension of the mineralized structure, 22m down-dip of the massive sulphide unit.

Quicklog for QTBL0007

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	3	3	Overburden				
3	44	41	Paragneiss, 20% leucogranite	3	44	41	None
44.0	44.55	0.55	Brecciated granitic pegmatite; large crystal clasts, Bt-rich matrix	44.0	45.55	0.55	2% disseminated Po-Pn-Cpy in the Bt-rich matrix of the breccia
44.55	132	87.45	Paragneiss, 20% leucogranite	45.55	122	76.45	None

Drillhole **QTBL0008** was drilled at a 60° angle towards the west, from the same location where QTBL0005 was collared. The hole was targeting a possible western extension of the massive sulphide intercept in QTBL0005, while testing modelled EM plates. QTBL0008 failed to intersect the massive sulphide unit, or any ultramafic intrusive rock. It did however intersect a 40cm interval of brecciated pegmatite that hosts chalcopyrite, pentlandite and pyrrhotite at 50m depth (Figures 14-15). The sulphides occur as coarse crystals within the biotite-rich matrix of the pegmatite breccia, and must have been remobilized and recrystallized along the structure responsible for the brecciation.

Quicklog for QTBL0008

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	3.7	3.7	Overburden	0	3.7	3.7	
3.7	50.3	46.6	Paragneiss	3.7	50.3	46.6	
50.3	50.7	0.4	Pegmatite, sheared at its contacts with remobilized Po-Cpy in the matrix	50.3	50.7	0.4	5% Po-Cpy, coarse-grained interstitial
50.7	77.3	26.6	Paragneiss	50.7	77.3	26.6	
77.3	81.8	4.5	Pegmatite	77.3	81.8	4.5	0.5% coarse disseminated Py
81.8	138	56.2	Paragneiss	81.8	87.1	5.3	

Drillhole **QTBL0009** was collared 145m west-southwest of the QTBL0005-0008 drillpad. This drillhole targeted another EM plate modelled at a depth of ~115m, as well as the distal western extension of the mineralized structure identified in previous drillholes. A 3-5cm thick band of massive sulphides was intersected at a depth of 51m (Figures 16-17). The band is oriented at a low angle to core axis, and can be seen along the core over 40cm. It displays similar composition and texture as the massive sulphides in QTBL0005, being composed of pyrrhotite, chalcopyrite and pentlandite, and having 10-15% of sub-rounded inclusions from the host paragneiss. Another sulphide-bearing structure was intersected deeper in QTBL0009, at 146m, but the sulphides are mainly composed of pyrite with trace amount of chalcopyrite (Figure 18). The pyrite occurs within the chloritized, biotite-rich matrix in a pegmatite breccia.

Quicklog for QTBL0009

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	3.9	3.9	Overburden	0	3.9	3.9	
3.9	50.7	46.8	Paragneiss, 30% pegmatite	3.9	19.0	15.1	
50.7	51.1	0.4	Semi-massive sulphides	50.7	51.1	0.4	3-5cm vein of massive Po-Cpy at low angle to core axis, 10% sub-rounded mm inclusions within
51.1	145.9	94.8	Paragneiss, 30% pegmatite	51.1	74.0	22.9	
145.9	146.4	0.5	Fault breccia parallel to core axis with subangular clasts <1cm in Chl-Bt-Py matrix	145.9	146.4	0.5	3% Py in breccia matrix with chlorite. trace Cpy.
146.4	159	12.6	Paragneiss	146.4	159	12.6	

Figure 7: Core photo of QTBL0005 at 20.9m, showing recrystallized Chl-Bt-Cpx ultramafic unit with interstitial chalcopyrite in contact with meta-sediment

Figure 8: Core photo of QTBL0005 at 21.8m, showing recrystallized showing a thin interval of semi-massive sulphides (pyrrhotite-pentlandite) where sulphides form the matrix of a brittle-ductile shear zone within gneissic meta-sediments.

Figure 9: Core photo of QTBL0005 at 22.9m showing the upper contact of the massive sulphide unit (pyrrhotite-pentlandite-chalcopyrite) with cm-size inclusions from the host meta-sediments.

Figure 10: Core photo of QTBL0005 at 23.5m showing the massive sulphides unit (pyrrhotite-pentlandite) and its tectonoclastic texture with small inclusion of meta-sediment.

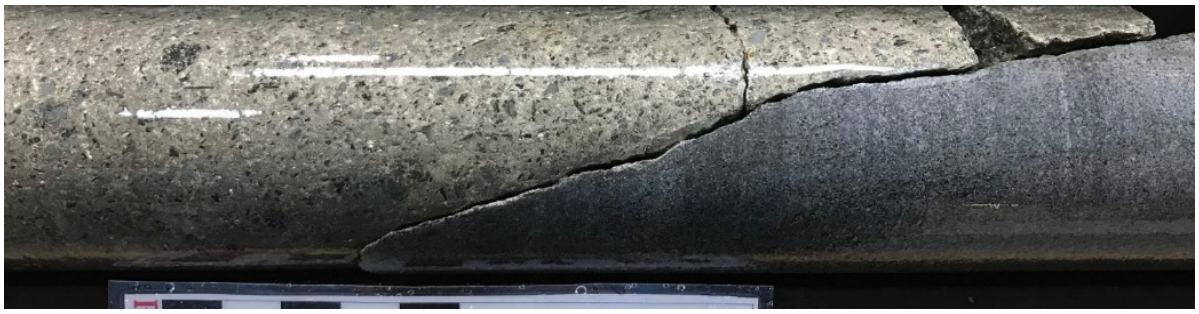


Figure 11: Core photo of QTBL0005 at 23.8m showing the lower contact of the massive sulphides unit in contact with meta-sediment.

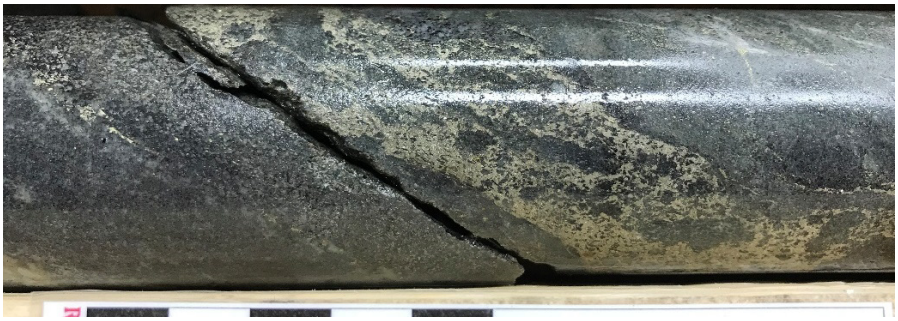


Figure 12: Core photo of QTBL0006 at 12.0m showing a thin pyrite-rich shear zone in meta-sediment. The texture displayed is similar to that in the massive sulphides in QTBL0005, but with no Ni-Cu sulphides. This could represent the up-dip extension of the massive sulphide unit.

Figure 13: Core photo of QTBL0007 at 43.2m showing a brecciated pegmatite with a biotite-rich matrix containing pyrrhotite-pentlandite-chalcopyrite. This could represent the down-dip extension of the massive sulphide unit.

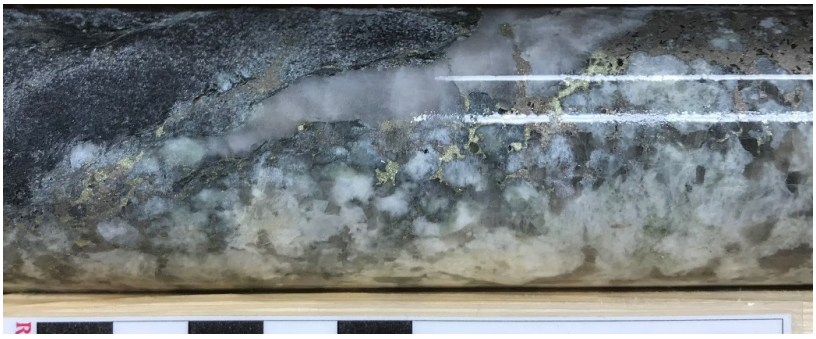


Figure 14: Core photo of QTBL0008 at 50.3m showing chalcopyrite-pyrrhotite in the matrix of a brecciated pegmatite, at the contact with biotite-schist.

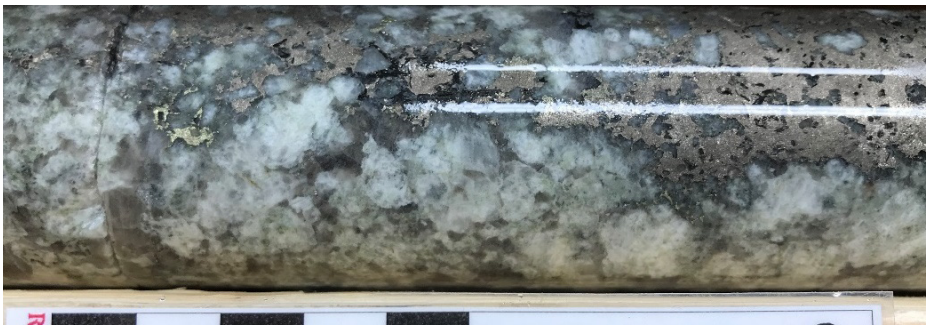


Figure 15: Core photo of QTBL0008 at 50.5m showing pyrrhotite (-chalcopyrite) forming part of the matrix of a brecciated pegmatite.

Figure 16: Core photo of QTBL0009 at 50.6m showing massive pyrrhotite-chalcopyrite forming a thin breccia at low-angle to core axis, with sub-rounded inclusions of the host paragneiss.

Figure 17: Core photo of QTBL0009 at 50.8m showing massive chalcopyrite-pyrrhotite forming a thin breccia at low-angle to core axis, with sub-rounded inclusions of the host paragneiss.

Figure 18: Core photo of QTBL0009 at 146m showing a brecciated pegmatite within paragneiss. The fault breccia is at low-angle to core axis and has a matrix of chlorite-biotite-pyrite.

Drill Holes Geochemistry

Sampling Method and Approach

A total of 215 core samples were processed by ALS Chemex for this program. Samples were cut in half longitudinally with the use of a core saw and a representative half of the drill core was dried and submitted to the laboratory for geochemical analysis.

Quality Control

Quality control samples consisting of blanks, duplicates, and standards were inserted into the sampling sequence 1 in every 10 samples (minimum). A commercial granitic rock was used as blank material. Professionally prepared sample material of known Cu, Ni, S, and PGE grades were used as Standards. Duplicate samples were collected by quartering the core sample being sent to the laboratory.

Sample Preparation, Analyses

Once the samples arrived at the laboratory they were scanned, dried and weighed before going through the preparation facility. In the preparation facility the samples were crushed to 70% passing 2mm fraction size and then a representative 1kg split was taken from the crushed allotment. This subsample was then pulverized to 85% passing 75 microns in size. After the preparation was completed the sample was submitted for assay. All samples, whether mineralized or barren, were submitted for ALS's Complete Characterization package (CCP-PKG01) with the PGM-MS24.

Assay Results and Discussion

The assay results from the 215 samples of drill core, analysed for a total of 67 elements, are presented as selected elements in table form in Appendix D, while the certificate of analysis are in Appendix E. The best assay results are summarized in Table 6 and as a 3D view in Figure 19. Correlation coefficients between a few selected elements are presente in Table 7, element ratio plots in Figures 20-22, and downhole plots in Figures 23-28. Results are briefly discussed below.

The short massive sulphide intercept in QTBL0005 returned 1.03m grading 0.57% Cu, 8.28% Ni, 0.45g/t PGE (or 16.7% CuEq), at a depth of 23m. This is part of a slightly larger intercept which includes very thin, deformed lenses of massive sulphides within the overlying paragneiss, returning 2.08m grading 0.43%Cu, 4.78% Ni, 0.26g/t PGE (or 9.8% CuEq). Although the Cu-content is low in the massive sulphide lens, the Ni-content is very high in these sulphides, with calculated Ni-tenor of 9.4% Ni in 100%sulphides. Assays from the other drillholes confirm the presence of mineralization along a steep, south-dipping, east-west structure. The best intersection after the one in QTBL0005 is from a thin zone of massive sulphides intersected in QTBL0009. This intercept is located 150m west of the 1m intercept of massive sulphide in QTBL0005. This thin band of massive sulphide in QTBL0009 returned 0.51m grading 4.65% Cu, 3.32% Ni, 0.21g/t PGE (or 11.3% CuEq), at a depth of 51m. Other intercepts along the structure are not significant, but do confirms the lateral mobility of Cu-Ni sulphides along the fault, and

returned relatively consistent, high metal tenors, with Cu tenors of 8-11% and Ni tenors of 7-8%, in 100% sulphides. The precious metal values at Baril Lake are however very low compared to other Cu-Ni mineralization in the Quetico belt. The highest single assay for Pd is 0.33 g/t, and for Pt is 0.34 g/t. Gold is also very low in the mineralized zone with highest single Au assay of 0.08 g/t. In terms of element correlation, S strongly correlates with Pd, Ni, Bi and Co, while Pd strongly correlates with S, Ni and Bi (Table 7). Interestingly, Cu and Ni do not correlate well with each other, suggesting some differentiation process during the remobilization and recrystallization of the sulphides.

The thin interval of ultramafic schist located 1m above the massive sulphide intercept in QTBL0005 has a trace element composition very similar to that of the barren hornblendite exposed at surface, some 350m east of that drillhole collar (Figure 21). It is suggested that the ultramafic in drillhole is the deformed and recrystallized equivalent of the hornblendite at surface. As for the leucogranites, they have a peraluminous composition, and are likely derived from partial melting of the meta-sediments (Figure 22).

Table 6: Best assays for drillholes on the Baril Lake prospect

Drillhole #	From (m)	To (m)	Interval (m)	Cu (%)	Ni (%)	Pd (g/t)	Pt (g/t)	S (%)	Pt/Pd	CuEq* (%)
QTBL0004	70.81	71.11	0.30	0.22	0.18	0.010	0.005	0.96	0.50	0.60
QTBL0005	21.75	23.83	2.08	0.43	4.78	0.17	0.09	19.21	0.53	9.77
including	*22.80*	*23.83*	*1.03*	*0.57*	*8.28*	*0.28*	*0.17*	*33.13*	*0.61*	*16.73*
QTBL0006	11.94	12.24	0.30	0.82	0.26	0.08	0.07	13.8	0.87	1.41
QTBL0007	43.97	44.54	0.57	0.04	0.09	0.004	0.001	0.46	0.35	0.22
QTBL0008	50.20	50.84	0.64	0.51	0.41	0.023	0.005	2.08	0.20	1.34
QTBL0009	50.60	51.11	0.51	4.65	3.32	0.158	0.054	15.55	0.34	11.36

*Cu equivalent based on Cu at $2.60/lb, Ni at $5.00/lb, Pt at $1,200/oz and Pd at $800/oz.
**Cu100% and Ni100% are Cu and Ni tenors, re-calculated for 100% sulphides.

Table 7: Correlation coefficients for selected elements from drillhole assays on the Baril Lake prospect

	Pd	Pt	Au	Ni	Cu	Bi	Co	S
Pd	1	0.79	0.65	0.97	0.53	0.92	0.84	0.98
Pt	0.79	1	0.45	0.72	0.30	0.67	0.66	0.75
Au	0.65	0.45	1	0.50	0.87	0.87	0.72	0.64
Ni	0.97	0.72	0.50	1	0.43	0.85	0.77	0.97
Cu	0.53	0.30	0.87	0.43	1	0.73	0.43	0.49
Bi	0.92	0.67	0.87	0.85	0.73	1	0.90	0.93
Co	0.84	0.66	0.72	0.77	0.43	0.90	1	0.90
S	0.98	0.75	0.64	0.97	0.49	0.93	0.90	1

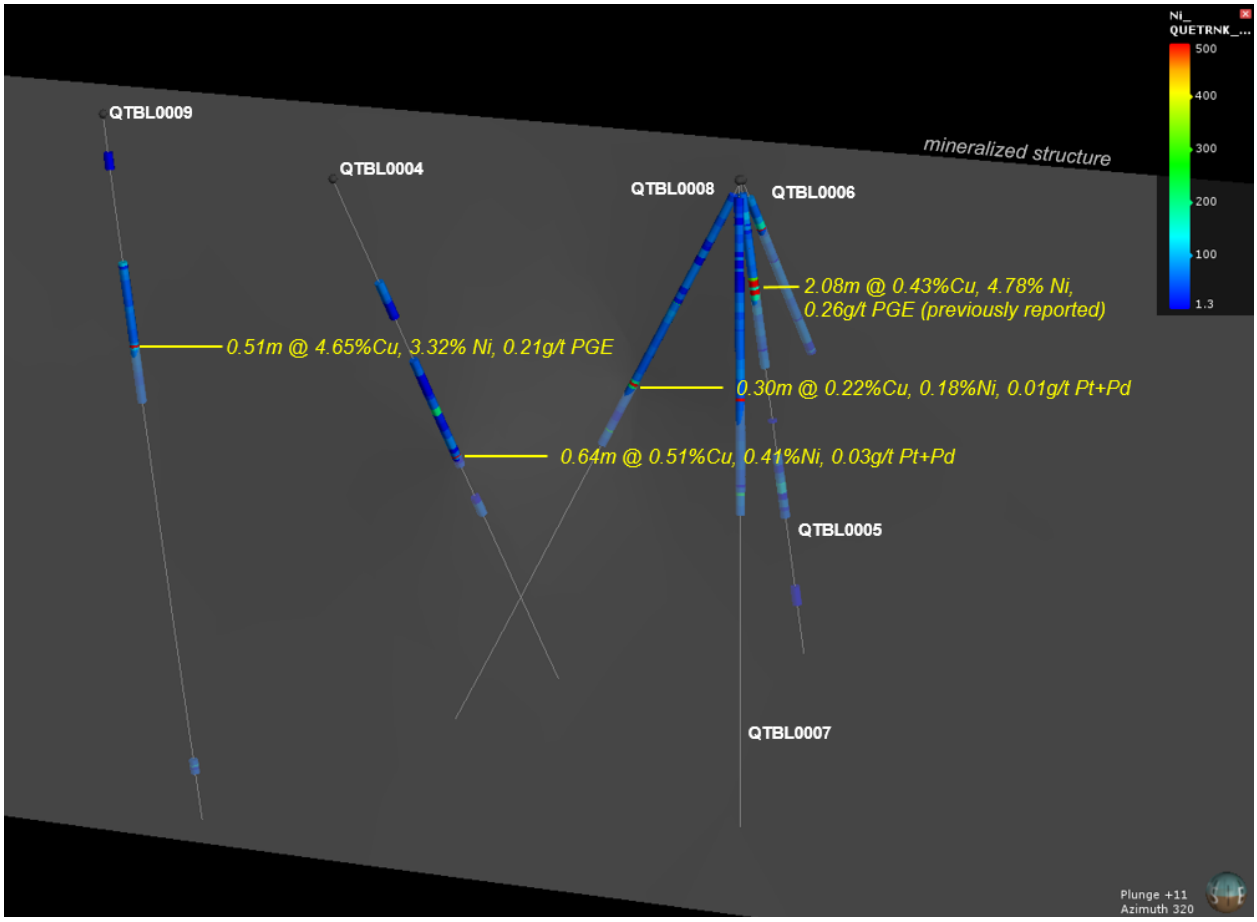


Figure 19: Looking northwest at the 3D view of the Baril Lake prospect showing drillhole assays with colour-gridded Ni values.

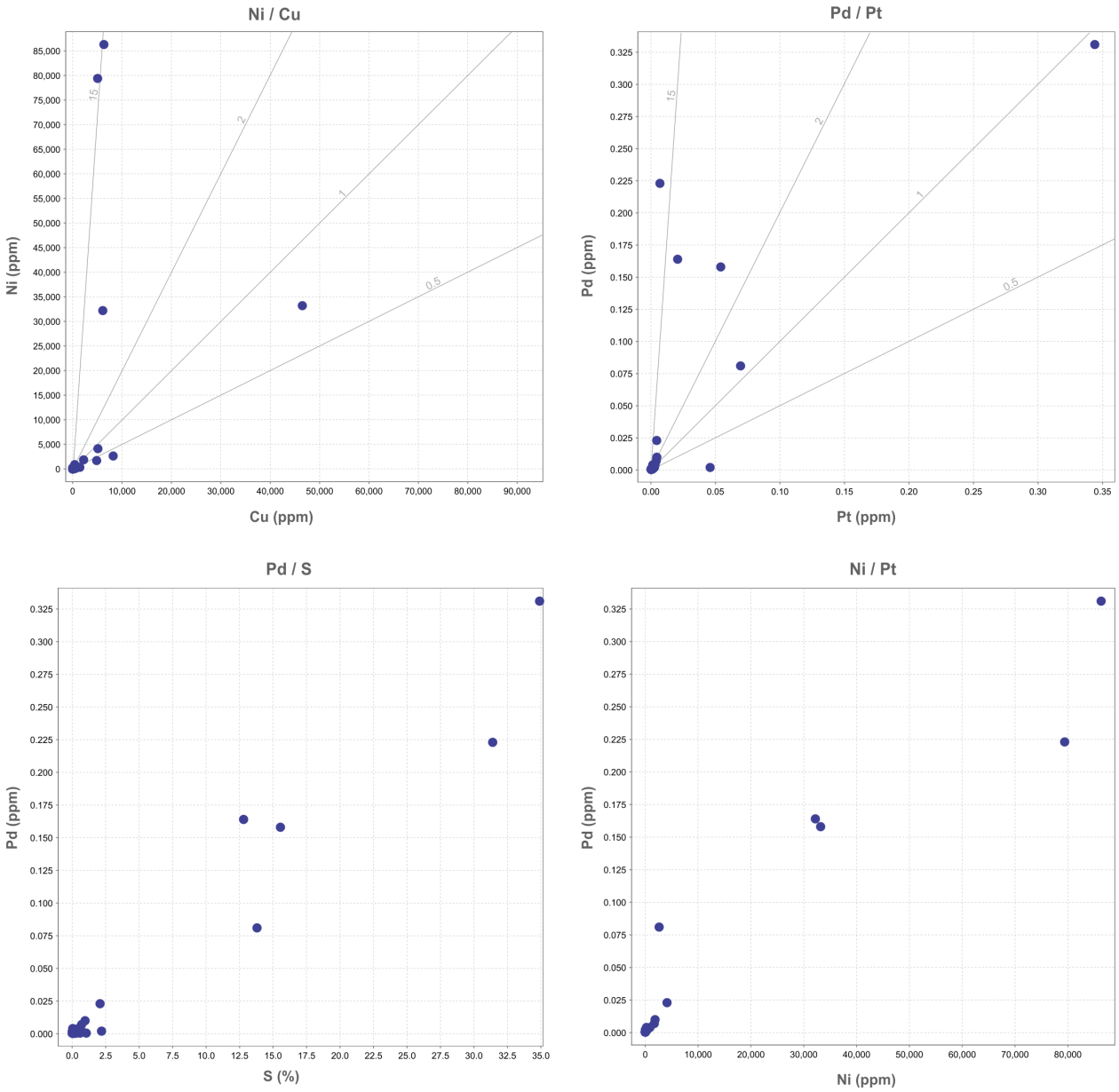


Figure 20: Ni/Cu, Pd/Pt, Pd/S and Pd/Ni element ratio plots for Baril Lake assays.

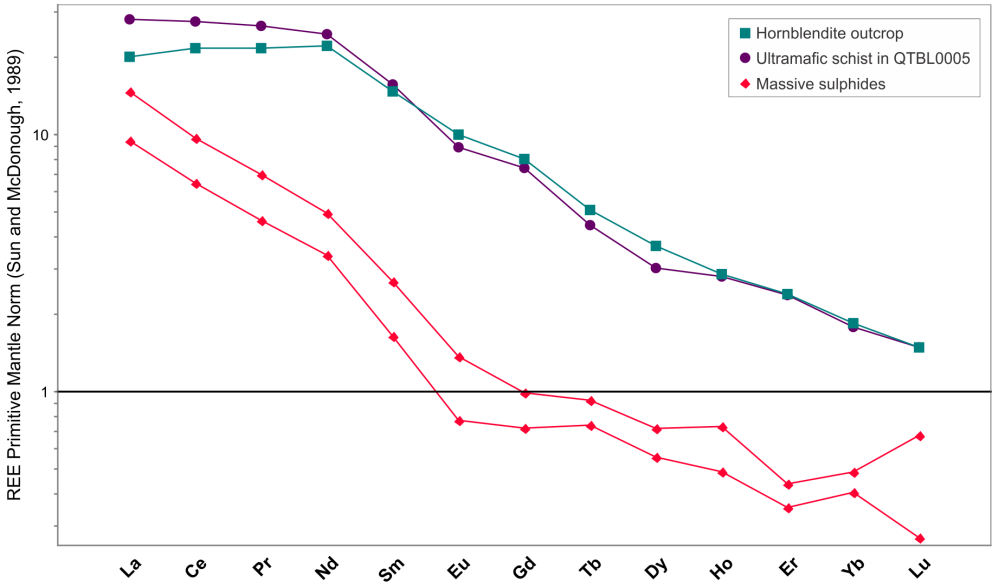


Figure 21: Trace element spider diagram showing the similar composition for the barren surface hornblendite and the mineralized ultramafic schist in QTBL0005. Massive sulphides samples plotted for reference.

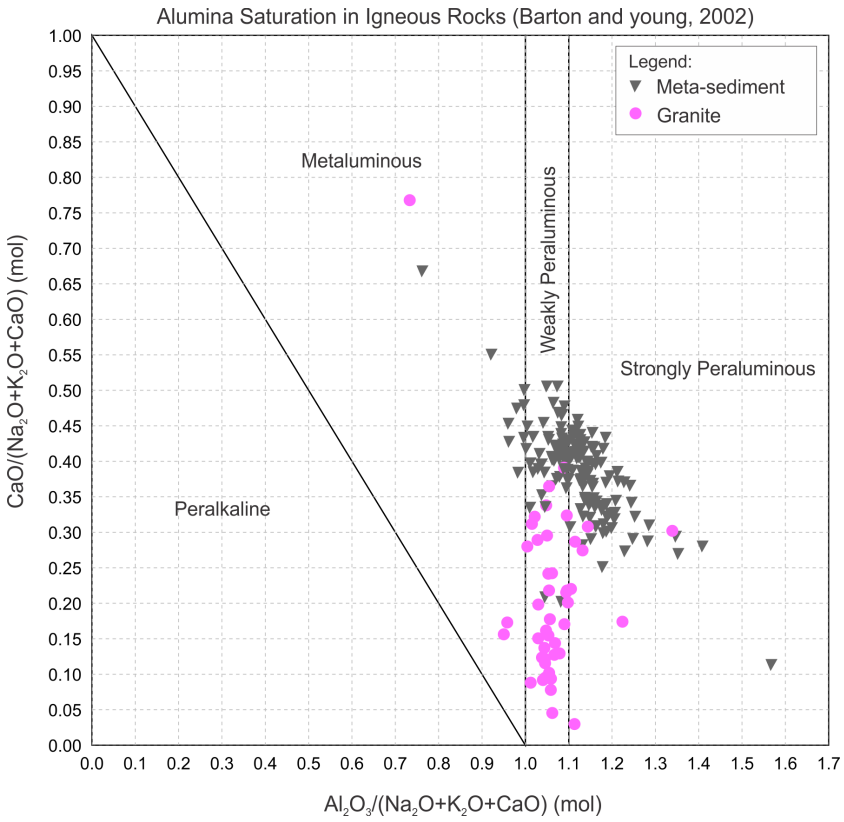


Figure 22: Alumina saturation diagram showing composition of granites as peraluminous, and meta-sediments plotted for reference.

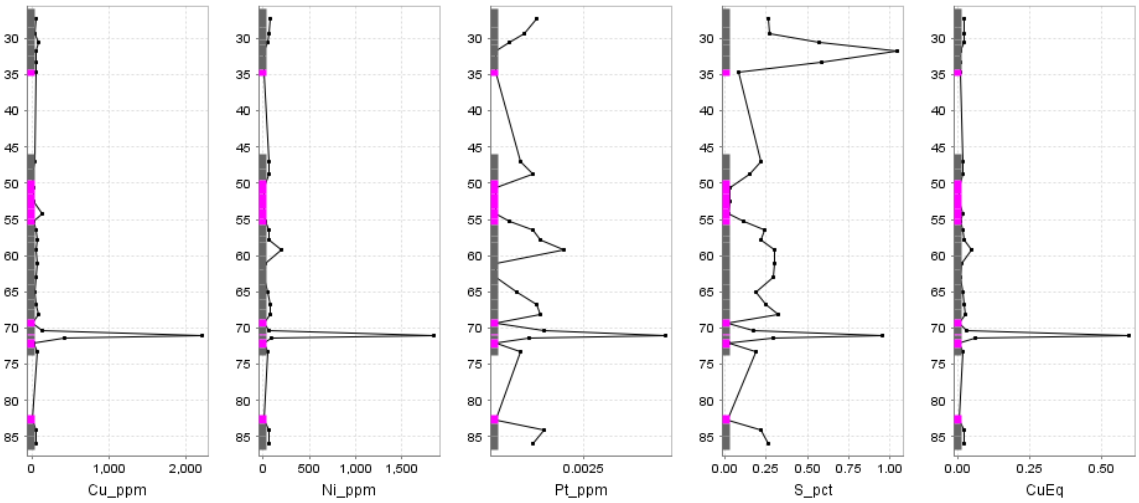


Figure 23: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0004. Pink unit is granitic pegmatite, grey unit is meta-sediment.

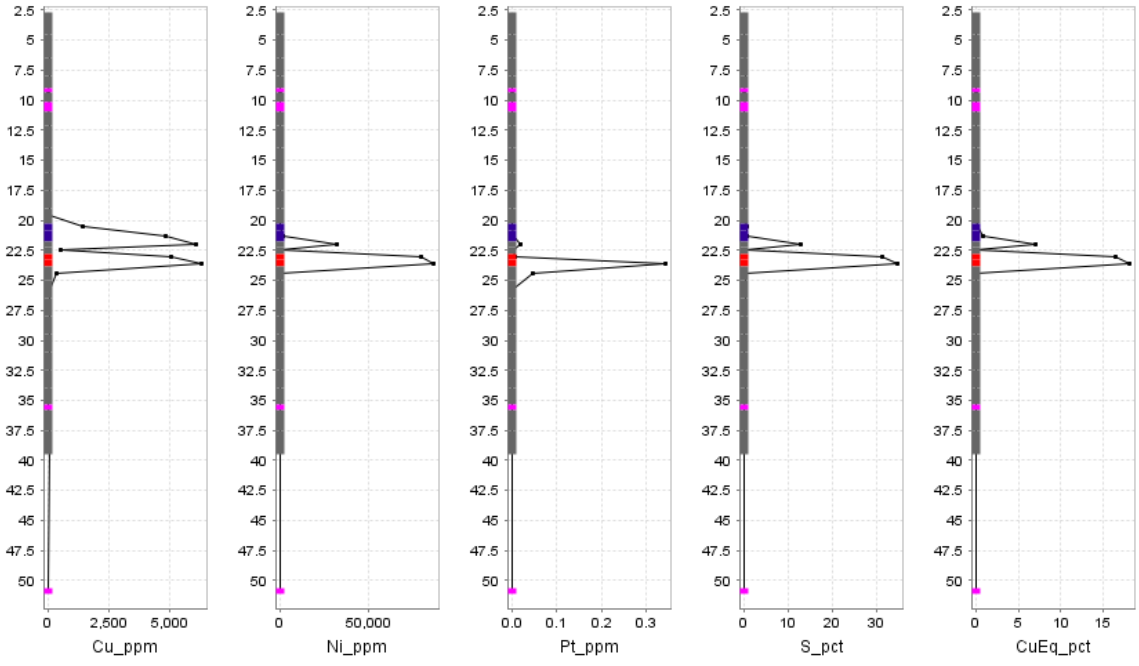


Figure 24: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0006. Red unit is massive sulphides, blue unit is ultramafic rock, pink unit is granitic pegmatite, grey unit is meta-sediment.

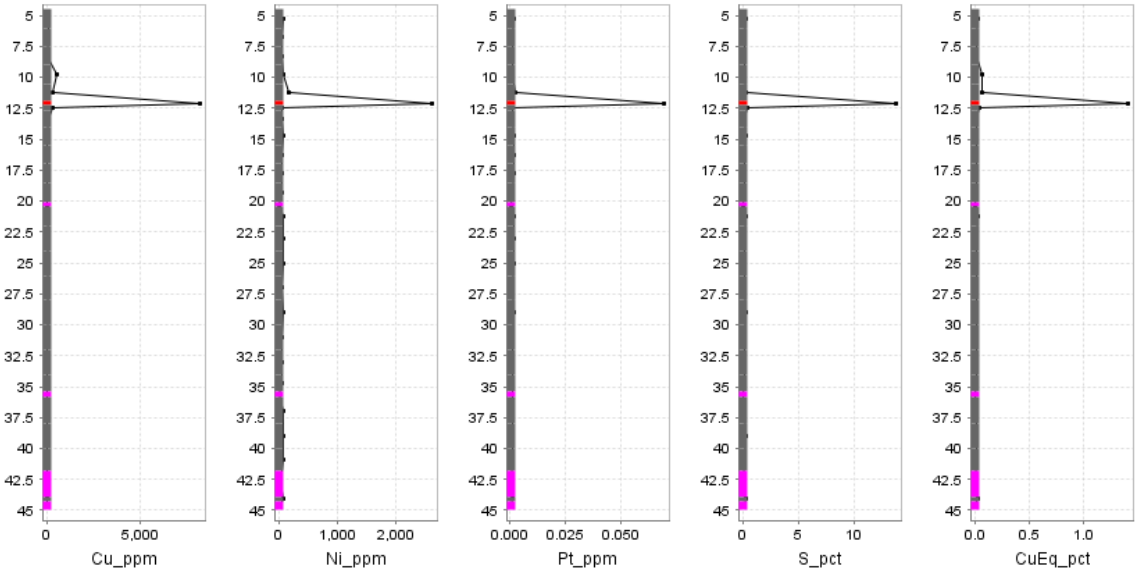


Figure 25: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0008. Red unit is massive sulphide, pink unit is granitic pegmatite, grey unit is meta-sediment.

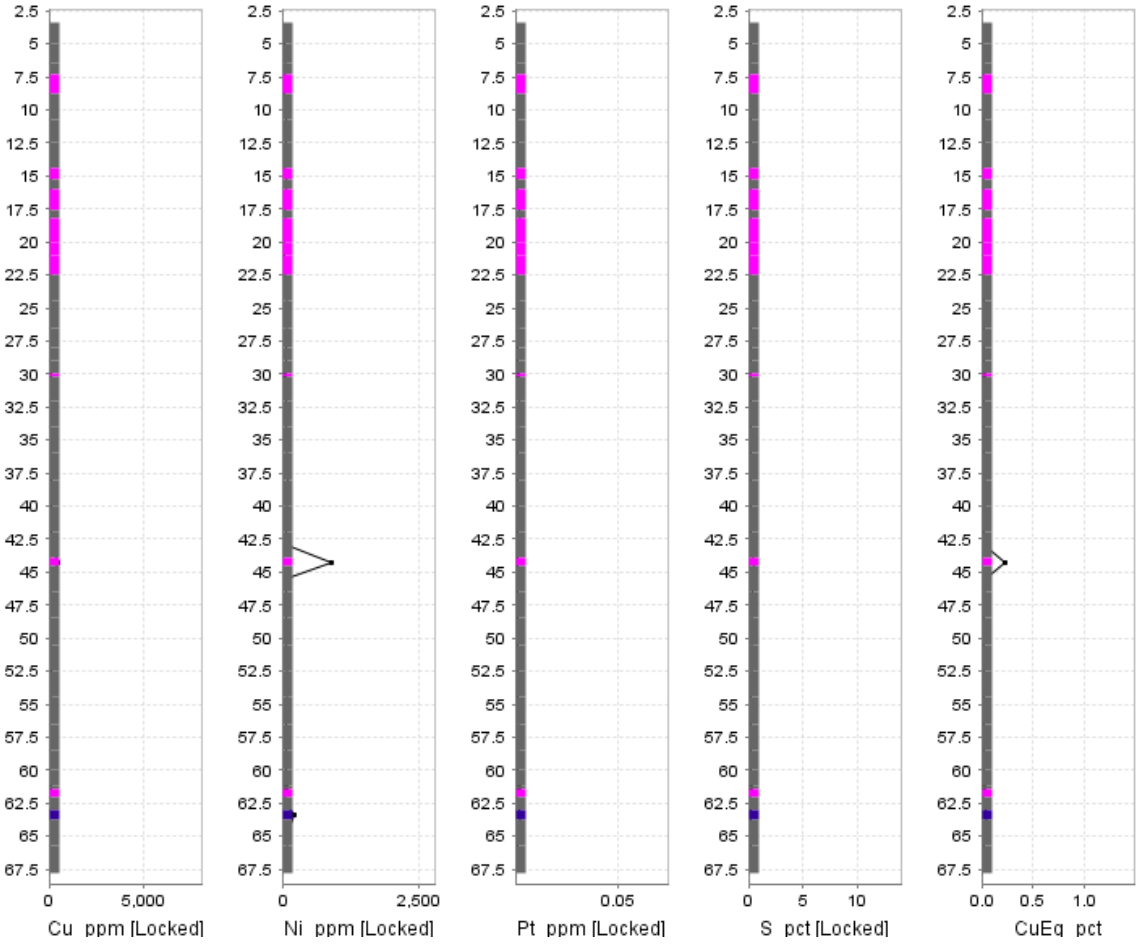


Figure 26: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0007. Pink unit is granitic pegmatite, grey unit is meta-sediment.

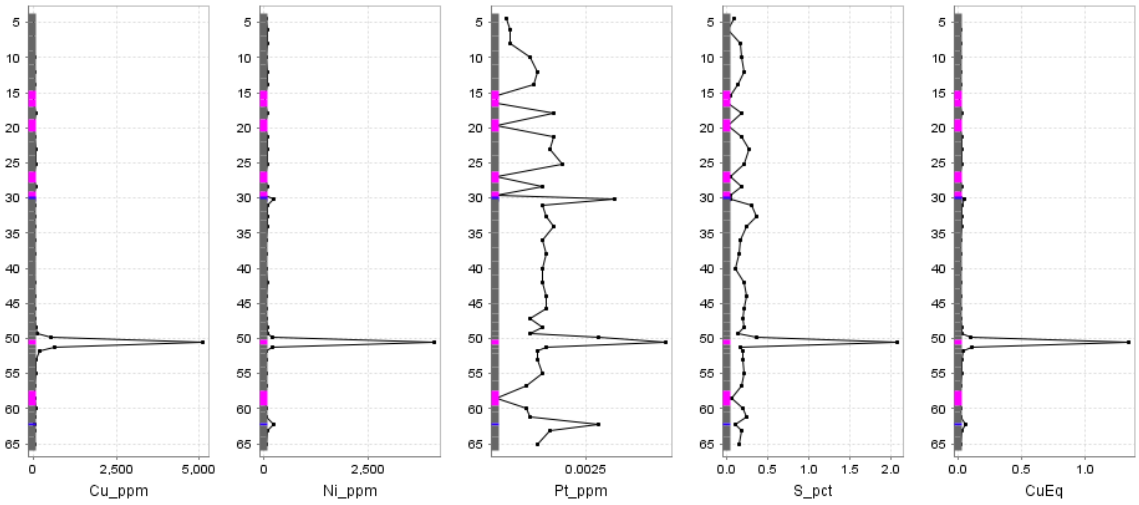


Figure 27: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0008. Pink unit is granitic pegmatite, grey unit is meta-sediment.

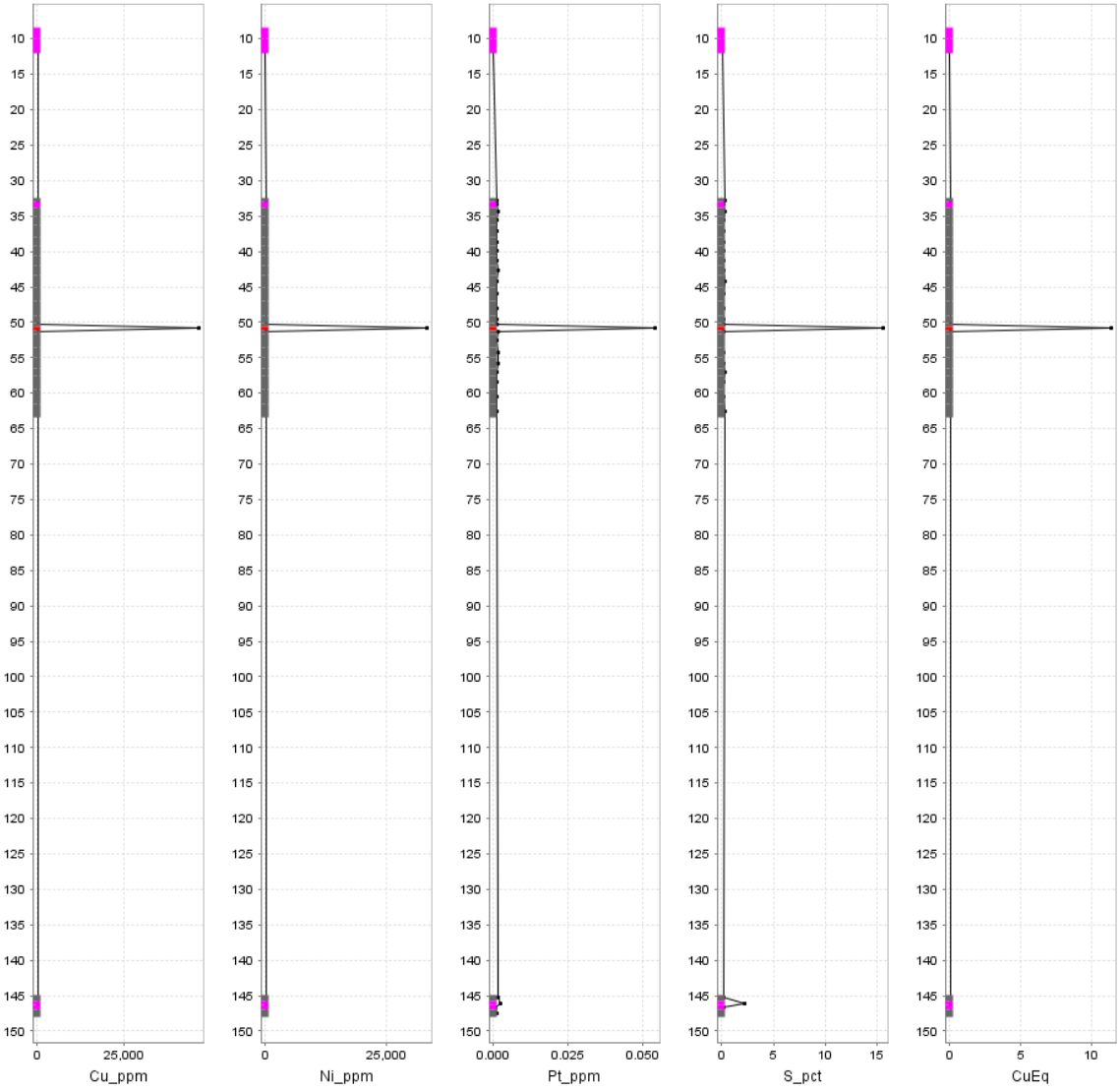


Figure 28: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0009. Pink unit is granitic pegmatite, grey unit is meta-sediment.

Discussion and recommendation for further work

Drilling at Baril Lake identified a small lens of Ni-rich massive sulphides within meta-sediments of the Quetico belt. The only mafic intrusive encountered in the 708m of core drilling is a 0.8m intercept of altered and foliated ultramafic schist, located 1m above the massive sulphide intercept. Everything else drilled on the prospect were Quetico meta-sediments and associated leucogranites. The closest observed outcrop of ultramafic rocks is located 300m to the east-northeast of the massive sulphide intercept, where unmineralized ultramafic intrusive rock was mapped over an area of 160m by 70m. The barren hornblendite seen at surface has a similar trace element signature as the ultramafic schist encountered in drillhole.

The regional fabric as seen in the surrounding outcrops of paragneiss strikes east-northeast, dipping steeply to the south. The mineralization appears to generally follow a plane which is parallel to the regional foliation. The fact that the massive sulphide unit was not intersected in holes 6 and 7, suggest that the MSU occurs as thin lenses, likely stretched along a lineation plunging shallowly to the west-southwest (possible fold-axis). The almost complete absence of ultramafic intrusive rocks in drillhole, combined with the tectonoclastic texture of the massive sulphide unit, clearly indicate that the original magmatic sulphides were deformed, recrystallized and remobilized during regional deformation and metamorphism. The massive sulphide unit is therefore not a vein that would occur close to its magmatic source, but rather a deformed lens or boudin, which could be quite distal from its source.

The sulphides at Baril Lake occur within a brittle-ductile shear zone, remobilized during deformation and now forming thin lenses within the shear zone. The sulphides occur disseminated in the breccia matrix, which commonly forms within the leucogranite, and they locally reach enough abundance to form the matrix of the brittle-ductile breccia. The process of remobilization locally separated Cu-rich and Ni-rich sulphides, as seen by the highly variable chalcopyrite content, and by the variable Cu/Ni ratios along the structure. Sulphides at Baril Lake are generally very rich in Ni, with calculated tenors of 7-9% Ni in 100% sulphides, while Cu tenors are highly variable, but reaching as high as 11% Cu in 100% sulphides in the Cu-rich breccia. The deformation and remobilization of the sulphides could have also separated the PGEs away from the original magmatic sulphides, which could explain the relatively low PGE contents.

Further work is recommended to follow up, along strike, on the massive sulphide discovery. The 2018 drilling mostly closed off the small lens encountered in QTBL0005, other than to the east, but other larger lenses could well exist along the structure, or along parallel structures. The shallow mineralization found in QTBL0005 is interpreted to be plunging to the west-southwest, and should therefore be coming to surface to the east-northeast, only ~50m from the drillhole collar. Stripping the overburden in that area could expose the mineralized structure and help with further geological interpretation and follow-up. The regional EM survey ran by RTECI failed to identify further conductors along strike, which suggest that more mineralization, if it exists, would likely occur at depth >200m, and step-out drilling to the west might be the best approach to test for further mineralization. Further coverage by EM surveying to the south might also be warranted, as RTECI's survey only extended 750m south of the drilled area.

Statement of Qualifications

I, Justin Laberge certify that:

I am a full time employee of Rio Tinto Exploration Canada Inc.

I graduated with Honours, Bachelor of Science degree in Earth Sciences from the University of Ottawa, Ontario, in 2002, and Masters of Science degree in Geology from the University of Calgary. Alberta, in 2005.

I am a registered Professional Geoscientist in the province of Ontario and have 13 years of experience working in mineral exploration. I authored this assessment report entitled: *2018 Drilling Program on the Baril Lake Property*, and managed the activities on the project, including field supervision of drilling contractors, and supervision of the core logging and sampling process.

To the best of my knowledge, all costs reported in this Assessment Report were incurred by Rio Tinto Exploration Canada in the Baril Lake 2018 winter exploration program.

Signed,

Dated this 16th of November, 2018

Justin Laberge
Principal Geologist
Rio Tinto Exploration Canada Inc.

Appendix A: Exploration Costs

Below is a breakdown of costs for the 2018 winter drilling program on the Baril Lake property, all exploration expenditures were incurred on claim 228330. A separate, detailed cost report with supporting invoices was submitted to the MNDM as part of the submission.

Table A1: Summary tables of exploration drilling costs at Baril Lake

Cost Type	**Service Provider**	**Subtotal**
Diamond Drilling	George Downing Estate Drilling	$200,476
Staff Cost	RTECI employees	$32,600
Assays	ALS Canada	$22,606
Paramedics	Safe-Tee	$19,389
Accommodation/Food	Sapawe Corner	$12,345
Contracted Labour	The Personnel Department	$4,811
Core Boxes	Garden Lake Timber	$2,765
Portable toilets on site	A-1 Sewage Services	$2,365
Fuel (for trucks)	RTCEI expenses	$2,333
	Total	**$299,690**

Appendix B: Core Logs

RioTinto

Diamond Drilling Core Log

Project	Baril Lake
Hole ID	**QTBL0004**
Depth (m)	132
Azimuth	0
Dip	-60
Core Size	NQ3

Location	Brule Lake Area
Claim Number	228330
Easting	667131
Northing	5401399
Elevation (m)	480.6
Coordinate System	NAD83 Zone 15N

Start Date	01-Mar-18
Completion Date	03-Mar-18
Core Location	Thunder Bay
Overburden (m)	2.35
Casing Depth (m)	1.5
Casing Left?	Yes

Drill Contractor	Downing
Hole Status	Capped.
Comments	Casing left in hole.
Date Logged	25-Apr-18
Logged by	G. Galloway/ L.McClenaghan

From (m)	To (m)	Interval (m)	Lithology	Description	Mineralization
0	2.35	2.35	Overburden		
2.35	8.64	6.29	Schist	Medium grained biotite-plagioclase-quartz schist. 0.5-1mm foliated biotite crystals 30%. 1-5mm elongated and weakly foliated plagioclase crystals 40%. 2-3 mm quartz 30%. This units is intruded by frequent and small (locally pegmatitic) granite dykes that are usually <10 cm. Unit has a foliation around 40tca. 10cm shear zone at 8.25m that is dominated by biotite and has much smaller grain size and cuts core at 25 tca. Based on the geology throughout this hole this unit is metasedimentary.	8.25-8.35m 0.5% disseminated pyrite biotite amphibolite shear zone
8.64	15.72	7.08	Pegmatite	Coarse grained pegmatitic granite dyke. Many zones of the surrounding schist have been altered with K-spar and silica flood from the dyke. The dyke has very irregular contacts. For the whole unit quartz 30%. K-spar 30%. 20% plagioclase. 20% biotite. At 9.5 m there are 1-2cm magnetite clasts with some pyrite.	None
15.72	21.09	5.37	MetaSediment	Medium grained biotite-plagioclase-quartz metasediments. At the contact with the above intrusive the grain size is coarse. Grain size gradually decreases with distance from the granite dyke. There are some bands where there are 1-2mm green amphibole crystals with that occurs with the biotite.	
21.09	21.97	0.88	Pegmatite	Irregular coarse grained granite pegmatite with fragments of the surrounding rock. K-spar 40%. plagioclase 40%. Quartz 20%. 0.5 to 1cm magnetite crystals.	
21.97	30.26	8.29	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment. Weak to moderate foliation. Some local areas with some minor amphibolite alteration usually controlled by a vein or bedding. This unit is intruded by a numbers of small <10cm dykes or veins of granite to granodiorite. From 24.74 to 25.48m there is a zone with much less biotite. This zone is associated with a small pegmatitic granite dyke.	30.15-30.94m 1% disseminated pyrite
30.26	30.94	0.68	Amphibolite	Green amphibolite. 25% biotite 30% amphibole 40% plagioclase 5% foliated disseminated pyrrhotite.	1% disseminated pyrite within amphibolite biotite sheared zone. sulfides also shows sheared foliated texture.

30.94	34.24	3.3	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment. Weak to moderate foliation.	0.5% disseminated pyrrhotite; 0.5% disseminated pyrite; local sheared texture. associated with chlorite alteration
34.24	35.11	0.87	Pegmatite	Large quartz-plagioclase vein. Top contact is irregular and lower contact is at 35 tca. Some of the plagioclase has been altered to sericite near the edges of the vein. Minor sulfides including trace chalcopyrite.	None
35.11	36.15	1.04	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment. Weak to moderate foliation.	35.11-35.7m 0.5% disseminated pyrite associated with chlorite alteration
36.15	37.16	1.01	Pegmatite	Very coarse feldspar crystals 5cm 60%. 40% Quartz. Some of the smaller feldspar is altered to sericite.	None
37.16	49.58	12.42	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment. Weak to moderate foliation. Some local areas with some minor amphibolite alteration usually controlled by a vein or bedding. Bottom 50 cm of the metasediment unit has some breccia possibly associated with the lower igneous contact.	
49.58	55.76	6.18	Pegmatite	Very coarse pegmatitic granite dyke. Feldspars up to 5cm. 20% K-spar. 40% plagioclase. 30% quartz. Biotite/amphibole 10%. Plagioclase is locally altered to sericite. Less K-spar than previous dykes.	
55.76	68.8	13.04	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment. Weak to moderate foliation. Veining and or dykes from 60.5 to 65m have some K-spar flood that has altered the surrounding rocks. Distinct 1-3cm bands of amphibolite towards the lower contact.	59.05-59.6m 0.5% disseminated pyrite; sheared sulfides associated with calcite quartz vein at 59.1m and chlorite alteration. 59.6-63.35m 0.01% disseminated chalcopyrite;0.1% disseminated pyrrhotite; 0.5% disseminated pyrite euhedral pyrite commonly associated with vein-like chlorite alteration clots. 65.52-65.9m 0.1% disseminated pyrite associated with biotite. 65.9-66.08m 0.01% disseminated pyrite associated with leucosomes 66.08-66.18m 0.5% subhedral pyrite associated with biotite in deformed pegmatite 66.18-68.8m 0.2% wispy pyrite associated with sheared amphibolites.
68.8	69.84	1.04	Pegmatite	Very coarse pegmatitic granite. Feldspars from 0.3 to 5cm. K-spar 20%. Quartz 30%. Biotite 5%. Plagioclase 45%.	None
69.84	70.81	0.97	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment.	
70.81	71.11	0.3	Pegmatite	Varitextured plagioclase biotite quartz pegmatite. Up to 5% disseminated sulfides in bottom 15cm.	70.81-71.11m 0.5% disseminated chalcopyrite; 0.5% disseminated pyrrhotite; more cpy-po in bottom 10cm of unit. 70.52-70.63m & 73.04-73.25m disseminated py in sheared biotite rich

					pegmatite.
71.11	71.52	0.41	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment.	None
71.52	72.7	1.18	Pegmatite	Very coarse pegmatitic granite dyke. 0.2 to 4cm feldspar crystals. K-spar 30%. Quartz 30%. Plagioclase 30%. Biotite/Amphibole 10%.	
72.7	73.76	1.06	MetaSediment	Fine to medium grained biotite-plagioclase-quartz metasediment.	
73.76	83.27	9.51	Pegmatite	Pegmatite. K-spar plagioclase quartz biotite pegmatite. Mineral modal abundances vary along unit.	
83.27	86.76	3.49	BiotiteSchist	Biotite schist. 30% biotite 60% quartz 10% feldspar. Felsic banding defines foliation. 3cm to 10cm wide amphibolite bands also follow regional foliation.	
86.76	88.75	1.99	Pegmatite	Pegmatite. K-spar plagioclase quartz biotite pegmatite. Mineral modal abundances vary along unit.	
88.75	102.95	14.2	BiotiteSchist	Biotite schist. 30% biotite 25% quartz 45% feldspar. Unit cross cut by pegmatites; and leucosomal banding. Isoclinal folding clearly visible. Rare disseminated py.	
102.95	105.95	3	Pegmatite	Pegmatite. Plagioclase quartz biotite varitextured pegmatite.	
105.95	107.62	1.67	BiotiteSchist	Biotite quartz schist. Leucosomal banding.	
107.62	113.45	5.83	Pegmatite	Pegmatite. K-spar plagioclase quartz biotite pegmatite. Mineral modal abundances vary along unit.	
113.45	116.76	3.31	BiotiteSchist	Biotite quartz schist. 20% of unit comprised of feldspar-quartz-biotite pegmatite/granodioritic banding.	113.8-116.06m 0.1% wispy pyrite fine foliated pyrite along shear fabric defined by biotite.
116.76	120.16	3.4	Pegmatite	Pegmatite. K-spar plagioclase quartz biotite pegmatite. Mineral modal abundances vary along unit. Granophyric texture.	None
120.16	128.48	8.32	BiotiteSchist	Biotite quartz schist. 20% of unit comprised of feldspar-quartz-biotite pegmatite/granodioritic banding. Minor green amphibolite banding up to 3cm wide in upper part of unit.	
128.48	132	3.52	Pegmatite	Pegmatite. K-spar plagioclase quartz biotite pegmatite. Granophyric texture.	

RioTinto

Diamond Drilling Core Log

Project	Baril Lake
Hole ID	**QTBL0005**
Depth (m)	102
Azimuth	0
Dip	-80
Core Size	NQ3

Location	Brule Lake Area
Claim Number	228330
Easting	667192
Northing	5401452
Elevation (m)	480
Coordinate System	NAD83 Zone 15N

Start Date	04-Mar-18
Completion Date	05-Mar-18
Core Location	Thunder Bay
Overburden (m)	2.67
Casing Depth (m)	3
Casing Left?	Yes

Drill Contractor	Downing
Hole Status	Capped.
Comments	Casing left in hole.
Date Logged	27-Apr-18
Logged by	L. McClenaghan

From (m)	To (m)	Interval (m)	Lithology	Description	Mineralization
0	2.67	2.67	Overburden	Unrecovered	None
2.67	9	6.33	BiotiteSchist	Biotite Schist. 50% quartz 40% biotite 10% feldspar. Unit is cross cut by feldspar-quartz-biotite migmatites with weak pyrite mineralization intergrown with biotite. Rare calcite+/-hematite veinlets with local chlorite alteration halo.	
9	9.37	0.37	Granodiorite	Granodiorite. 40% quartz; 40% feldspar; 20% biotite. Contacts appear parallel to foliation/banding.	
9.37	10.21	0.84	BiotiteSchist	Biotite Schist. 50% quartz 40% biotite 10% feldspar. Unit is cross cut by feldspar-quartz-biotite migmatite bands with associated weak pyrite mineralization.	
10.21	11.02	0.81	Pegmatite	Pegmatite. 60% feldspar; 35% quartz and 5% biotite. Biotite locally altered to chlorite. Granophyric texture.	
11.02	20.25	9.23	BiotiteSchist	Biotite schist. 50% quartz; 40% biotite 10% feldspar. Up to 10% fine-grained pink garnet locally associated with chloritic metasomatic zones. Calcite veinlets associated with chloritic alteration halos. Unit is cross cut by feldspar-quartz-biotite pegmatites and lesser migmatite bands with weak pyrite mineralization associated with biotite. @17.52m 2cm bands of amphibolite+migmatite (feldspar+quartz).	
20.25	20.85	0.6	Amphibolite	Amphibole-biotite schist with feldspar-quartz banding at top of unit. Isoclinal folding evident in foliation. Pyrrhotite-chalcopyrite disseminated along amphibole rich bands.	0.5% disseminated chalcopyrite; 0.5% disseminated pyrrhotite;
20.85	21.75	0.9	Pyroxenite	Amphibolite: (pyroxenite?). 70% amphibole & 30% biotite; up to 5% local blebby/disseminated sulfide. Trace soft white mineral intergrown with biotite. 6cm quartz vein crosscuts unit; Granodiorite with contact parallel to core axis bisects unit for 26cm.	1% disseminated chalcopyrite; 0.5% disseminated pyrrhotite disseminations grade to blebby down interval.
21.75	22.8	1.05	BiotiteSchist	Biotite Schist. 50% quartz; 40% biotite 10% feldspar. Top of unit host sulfide bands.	21.75-22.19m 0.1% wispy chalcopyrite; 4% vein pyrrhotite; 2% vein pentlandite
22.8	23.83	1.03	MassiveSulphide	Massive Sulfide. 75% massive sulfide (pentlandite; pyrrhotite; chalcopyrite and margins) with subrounded poorly sorted clasts of	1% blebby chalcopyrite; 54% massive pyrrhotite; 20% subhedral pentlandite

				feldspar (quartz?); biotite laths; amphibolite and biotite schist ranging from 0.5mm-10cm. Sulfide occurs along foliation within clasts.	
23.83	35.31	11.48	BiotiteSchist	Biotite Schist. 50% quartz; 40% biotite 10% feldspar. 10% leucosomes (feldspar-biotite-quartz) cross cutting .Rare pyrrhotite intergrown with biotite commonly associated with leucosomes.	None
35.31	35.8	0.49	Pegmatite	Pegmatite.55% feldspar; 35% quartz and 10% biotite. Rare white mica.	
35.8	50.7	14.9	BiotiteSchist	Biotite schist cross cut by 10% leucosomes (quartz-feldspar-biotite). 60% quartz; 30% biotite 10% feldspar. Very rare disseminated flecks of pyrite.	
50.7	51.16	0.46	Pegmatite	Pegmatite. 55% feldspar; 35% quartz and 10% biotite. Granophyric texture.	
51.16	60.26	9.1	BiotiteSchist	Biotite Schist. <5% of unit is composed of coarse grained granodiorite and felsic pegmatite. Leucosomal banding commonly stretched and boudinaged along the structural fabric.	
60.26	61.92	1.66	Pegmatite	Pegmatite biotite-quartz-feldspar pegmatite with trace disseminated pyrite. 34cm of biotite schist within unit.	0.1% disseminated pyrite associated with mafic minerals
61.92	64.1	2.18	BiotiteSchist	Biotite-quartz schist. Local leucomsomal banding. <1cm wide biotite-amphibolite bands. Rare disseminated pyrite.	None
64.1	64.52	0.42	Pegmatite	Pegmatite. Chlorite-biotite-quartz-feldspar pegmatite. Forms contact between schist and amphibolite unit below;	
64.52	66.37	1.85	BiotiteSchist	Feldspar amphibole quartz biotite schist. Green amphibole-biotite rich bands throughout unit. Rare disseminated pyrite.	
66.37	67.87	1.5	Pegmatite	Biotite -quartz-feldspar pegmatite. Bottom 30 cm of unit is chlorite-epidote altered with trace disseminated sulfides.	67.56-67.87m 0.1% disseminated pyrite associated with chlorite
67.87	69.46	1.59	BiotiteSchist	Feldspar amphibole quartz biotite schist. <1cm wide amphibolite band.	
69.46	70.19	0.73	Pegmatite	Chlorite-biotite-quartz-feldspar pegmatite. Trace pyrite associated with mafic minerals.	0.2% disseminated pyrite
70.19	84.66	14.47	BiotiteSchist	Feldspar (amphibole) quartz biotite schist. Local green amphibolite banding. Green chlorite (amphibole?) alteration from 76.76-78.4m.Granodiorite forms bands subparallel to core axis throughout unit. Trace disseminated pyrite common in pegmatites.	None
84.66	97.51	12.85	Pegmatite	Biotite-feldspar-quartz pegmatite. Granophyric texture.	
97.51	102	4.49	BiotiteSchist	Feldspar-quartz-biotite schist. Cross-cut by pegmatites and leucosome banding.	

RioTinto

Diamond Drilling Core Log

Project	Baril Lake
Hole ID	**QTBL0006**
Depth (m)	45
Azimuth	0
Dip	-60
Core Size	NQ3

Location	Brule Lake Area
Claim Number	228330
Easting	667192
Northing	5401453
Elevation (m)	480
Coordinate System	NAD83 Zone 15N

Start Date	05-Mar-18
Completion Date	06-Mar-18
Core Location	Thunder Bay
Overburden (m)	2.87
Casing Depth (m)	3
Casing Left?	Yes

Drill Contractor	Downing
Hole Status	Capped.
Comments	Casing left in hole.
Date Logged	12-Apr-18
Logged by	L.McClenaghan

From (m)	To (m)	Interval (m)	Lithology	Description	Mineralization
0	2.87	2.87	Overburden	Overburden; boulders.	
2.87	11.98	9.11	BiotiteSchist	Biotite Schist. 50% quartz 30% biotite 15% feldspar 5% fine-grained pink garnet (local). Unit cross cut by pegmatites (feldspar-quartz-biotite-chlorite). 6.86-10.45m. Calcite veining associated chlorite alteration halos and garnet.	11.78-11.98m 0.5% disseminated pyrite
11.98	12.24	0.26	Vein	Pyrite vein breccia cross cutting metasediments (biotite-quartz schist). Two veins separated by 5cm parallel to dominant structural fabric. Clasts composed of subrounded feldspar and biotite laths. Minor calcite veinlets with chlorite alteration. Vein possibly following and brecciating coarse grained feldspar quartz leucosome; as fragments are within vein.	20% vein pyrite
12.24	20.11	7.87	BiotiteSchist	Biotite Schist. 50% quartz 30% biotite 15%feldspar 5% fine-grained pink garnet (local). Unit cross cut by pegmatites (feldspar-quartz-biotite-chlorite+/-pyrite). Minor calcite veinlets with chlorite +garnet halos. Locally pegmatites are boudinaged with interstitial biotite.	12.24-12.3m 0.5% disseminated pyrite 12.3-12.65m 0.1% disseminated chalcopyrite; 0.1% vein pyrrhotite; 0.1% disseminated po-cpy in pegmatite; 1mm po veinlet crosscutting structural fabric.
20.11	20.47	0.36	Pegmatite	Pegmatite.65% feldspar 30% quartz 5% biotite laths.	None
20.47	35.5	15.03	BiotiteSchist	Biotite schist. 50% quartz 30% biotite 15% feldspar. Unit cross cut by pegmatites (feldspar-quartz-biotite) and medium-grained granodiorites. Local zone at 21.15m; 27cm of strongly foliated sillimanite (1%)-pyrite (0.5%)-chlorite zone.	
35.5	35.84	0.34	Granodiorite	Granodiorite. 30% quartz 5% biotite 65% feldspar. Minor alignment of biotite laths.	
35.84	41.82	5.98	BiotiteSchist	Biotite Schist.50% quartz 30% biotite 15% feldspar. Unit cross cut by pegmatites (feldspar-quartz-biotite) and medium-grained granodiorites.	
41.82	43.41	1.59	Pegmatite	Pegmatite. Pegmatite clearly cutting older medium-grained granodiorite. 65% feldspar 30% quartz 5% biotite laths.	
43.41	44.29	0.88	BiotiteSchist	Biotite Schist. 50% quartz 30% biotite 15%feldspar. Leucosome banding <1.5cm.	
44.29	45	0.71	Pegmatite	Pegmatite. 65% feldspar 30% quartz 5% biotite laths.	

RioTinto

Diamond Drilling Core Log

Project	Baril Lake
Hole ID	**QTBL0007**
Depth (m)	132
Azimuth	0
Dip	-90
Core Size	NQ3

Location	Brule Lake Area
Claim Number	228330
Easting	667192
Northing	5401452
Elevation (m)	480
Coordinate System	NAD83 Zone 15N

Start Date	06-Mar-18
Completion Date	08-Mar-18
Core Location	Thunder Bay
Overburden (m)	3.37
Casing Depth (m)	3
Casing Left?	Yes

Drill Contractor	Downing
Hole Status	Capped.
Comments	Casing left in hole.
Date Logged	16-Apr-18
Logged by	L.McClenaghan

From (m)	To (m)	Interval (m)	Lithology	Description	Mineralization
0	3.37	3.37	Overburden	Not recovered.	None
3.37	7.36	3.99	Gneiss	Gneiss. 30% biotite; 40% feldspar; 30% quartz. Rare disseminated fine-grained pyrrhotite. Rare calcite veinlets with chlorite-sericite-pyrite alteration halos.	
7.36	8.78	1.42	Granite	Varitextured Granite. 30% quartz; 5% biotite; 50% plagioclase; 15% K-spar. Ranges from pegmatite texture to medium grained equigranular.	
8.78	14.35	5.57	BiotiteSchist	Biotite schist. 30% biotite 40% feldspar 30% quartz. Leucosomal banding forms structural fabric. Local calcite veining with strong calcite alteration halo.	
14.35	15.3	0.95	Pegmatite	Pegmatite. 30% quartz; 55% plagioclase; 15% K-spar. <5% biotite. Trace disseminated pyrite.	
15.3	15.99	0.69	BiotiteSchist	Biotite schist. 30% biotite 40% feldspar 30% quartz. Pervasive chlorite alteration at lower contact.	
15.99	17.6	1.61	Pegmatite	Pegmatite. 2% Biotite 5% chlorite 25% quartz 58% plagioclase 10% K-spar.	
17.6	18.25	0.65	BiotiteSchist	Biotite Schist. 30% biotite 40% feldspar 30% quartz.	
18.25	22.46	4.21	Pegmatite	Pegmatite.10% Biotite/chlorite 25% quartz 55% plagioclase 10% K-spar.	
22.46	29.95	7.49	BiotiteSchist	Biotite Schist. 30% biotite 40% feldspar 30% quartz. Up to 5% fine-grained pink garnets in final meter of the unit.	
29.95	30.23	0.28	Granodiorite	Granodiorite with biotite rich melanosomes (biotite/chlorite). 5% fine to medium grained garnets. No K-spar occurs in this unit.	
30.23	43.97	13.74	BiotiteSchist	Biotite Schist. 30% biotite 45% feldspar 25% quartz. Up to 5% fine-grained pink garnets. Garnets are less abundant towards lower contact.	
43.97	44.54	0.57	Pegmatite	Pegmatite breccia. 30% Biotite-sulfide matrix with disseminated pyrrhotite-chalcopyrite. 40% plagioclase; 30% quartz.	0.05% chalcopyrite breccia vein infill; 0.5% pyrrhotite breccia vein infill; 0.5% pyrite breccia vein infill; 0.05% pentlandite breccia vein infill
44.54	61.45	16.91	BiotiteSchist	Biotite schist. 30% biotite 45% feldspar 25% quartz. Up to 5% fine-grained pink garnets in top of unit. Garnet abundance decreases down	None

				unit. 8cm wide amphibolite band @ 61.30m.	
61.45	62	0.55	Pegmatite	Pegmatite. 60%feldspar 5% biotite 35% grey/white quartz with sandy texture.	
62	63.07	1.07	BiotiteSchist	Biotite schist with pegmatite bands. 30% biotite 45% feldspar 25% quartz.	
63.07	63.75	0.68	Amphibolite	Amphibolite.30% Biotite 30% amphibole and 40% feldspar. Strongly foliated.	
63.75	129.74	65.99	BiotiteSchist	Biotite Schist. 30% biotite 45% feldspar 25% quartz. Calcite veinlets with chlorite halos. Pegmatitic leucosomes (younger?) are present; increase in abundance down unit (96.36-98.14m;103.8-105.23m; 106.43-108m; 113.06-114.82m;121.64-122.28m. Folding evident in (older?) leucosomes banded parallel to foliation. Green amphibolite bands 1m wide occur at 75m & 84.9-87m; 95.5m. 1% pyrite occurs in biotite rich pegmatite at 101.76-102m. Strong chlorite alteration in final one metre of unit towards lower contact.	
129.74	132	2.26	Pegmatite	Biotite-quartz-feldspar pegmatite with local granophyric texture.	

RioTinto

Diamond Drilling Core Log

Project	Baril Lake
Hole ID	**QTBL0008**
Depth (m)	138
Azimuth	265
Dip	-60
Core Size	NQ3

Location	Brule Lake Area
Claim Number	228330
Easting	667191
Northing	5401453
Elevation (m)	480
Coordinate System	NAD83 Zone 15N

Start Date	09-Mar-18
Completion Date	11-Mar-18
Core Location	Thunder Bay
Overburden (m)	3.8
Casing Depth (m)	4.5
Casing Left?	Yes

Drill Contractor	Downing
Hole Status	Capped.
Comments	Casing left in hole.
Date Logged	14-May-18
Logged by	L. McClenaghan

From (m)	To (m)	Interval (m)	Lithology	Description	Mineralization
0	3.8	3.8	Overburden	Not recovered.	None
3.8	14.8	11	BiotiteSchist	Biotite schist. Medium grained gneissic texture until 9m. Granodioritic gneissic banding occur and felsic pegmatite veins with trace pyrrhotite cross cut unit. 30%biotite 60%feldspar 10%quartz. Bottom ~1m of unit is cross cut by calcite veinlets and pervasive calcite alteration.	
14.8	17	2.2	Pegmatite	Pegmatite. 25% quartz 30% plagioclase 30% K-spar 15%biotite. Trace disseminated py-po.	
17	18.79	1.79	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz	
18.79	20.55	1.76	Granodiorite	Granodiorite. 50% quartz 40% feldspar 10% biotite. Significantly less biotite and more quartz than surrounding schist units.	
20.55	26.32	5.77	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz	
26.32	27.77	1.45	Pegmatite	Pegmatite. 50% quartz 40% feldspar 10% biotite.	
27.77	29.02	1.25	BiotiteSchist	Biotite schist. 20% biotite 60% feldspar 10% quartz. @ 28.3m 2cm green amphibolite band.	
29.02	30.07	1.05	Pegmatite	Pegmatite. 50% quartz 40% feldspar 10% biotite.	
30.07	30.19	0.12	Amphibolite	Amphibolite. Sheared biotite and minor quartz boudins along contacts.35% amphibole 15% biotite 50% feldspar.1% white sillimanite needles?	
30.19	50.2	20.01	BiotiteSchist	Biotite schist. 33.24-47.75m Up 5% fine-grained pink garnets. Local coarse grained pink garnets associated with chlorite alteration at 42m. Rare disseminated pyrite. 3cm amphibolite band @45.5m.	
50.2	50.84	0.64	Pegmatite	Pegmatite. 40% quartz 55% feldspar 5% net-textured sulfides infiltrate unit. Minor pale green sericite alteration. Lower contact brecciated with biotite matrix.	
50.84	57.41	6.57	BiotiteSchist	Biotite schist. Unit contains 5% medium to coarse grained cross cutting leusocomes. 40% biotite 50% feldspar 10% quartz. Local zones of calcite veinlets.	1% netlike chalcopyrite; 4% netlike pyrrhotite; 0.5% subhedral pentlandite
57.41	59.53	2.12	Pegmatite	Pegmatite. 10% biotite 65% feldspar 25% quartz	None
59.53	62	2.47	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz.	

62	62.35	0.35	Amphibolite	Amphibolite. 20% biotite; 40% amphibole; 40% quartz. 1% white sillimanite needles?	
62.35	77.26	14.91	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz. Unit contains 5% medium to coarse grained cross cutting leusocomes. 2cm amphibolite band @66.8m.	
77.26	81.83	4.57	Pegmatite	Biotite-plagioclase-quartz-K-spar pegmatite.	
81.83	87.13	5.3	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz. Unit contains 5% medium to coarse grained cross cutting leusocomes.	
87.13	97.32	10.19	Pegmatite	Biotite-plagioclase-quartz-Kspar pegmatite. 91.83-93.3m interbanded biotite schist.	
97.32	108.42	11.1	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz.	
108.42	117.51	9.09	Pegmatite	Biotite-plagioclase-quartz-Kspar pegmatite. Local granophyric texture. Quartz has sandy/dusty texture towards base of unit.	
117.51	122.31	4.8	BiotiteSchist	Biotite schist. 40% biotite 50% feldspar 10% quartz. Banded leucosomes makes up 10% of unit.	
122.31	138	15.69	Pegmatite	Biotite-plagioclase-quartz-Kspar pegmatite. Local granophyric texture. Quartz has sandy/dusty texture locally. 129-130.34m interval of gneiss.	

RioTinto

Diamond Drilling Core Log

Project	Baril Lake
Hole ID	**QTBL0009**
Depth (m)	159
Azimuth	355
Dip	-80
Core Size	NQ3

Location	Brule Lake Area
Claim Number	228330
Easting	667051
Northing	5401418
Elevation (m)	484
Coordinate System	NAD83 Zone 15N

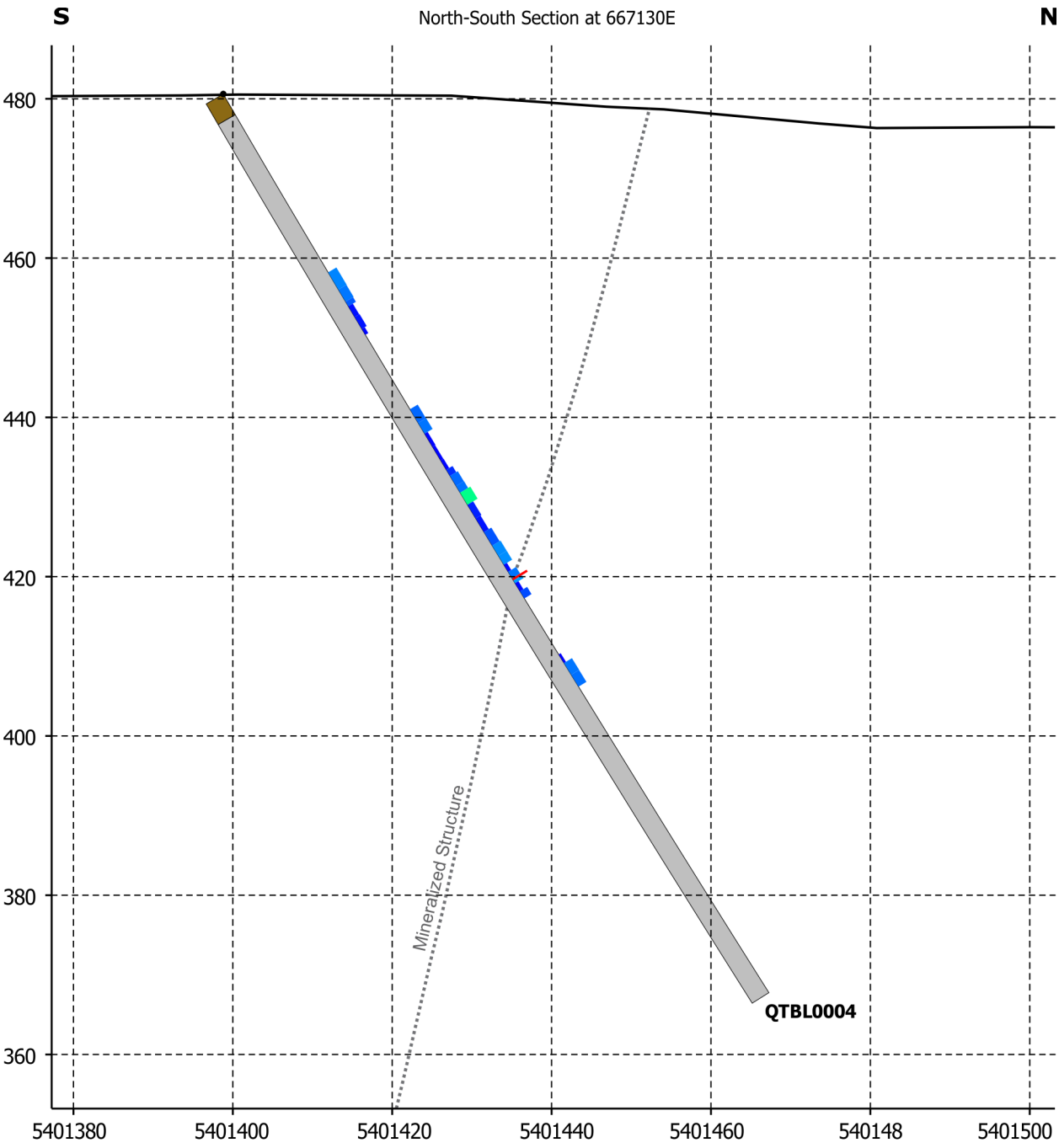
Start Date	11-Mar-18
Completion Date	13-Mar-18
Core Location	Thunder Bay
Overburden (m)	3.97
Casing Depth (m)	4.5
Casing Left?	Yes

Drill Contractor	Downing
Hole Status	Capped.
Comments	Casing left in hole.
Date Logged	08-May-18
Logged by	L. McClenaghan

From (m)	To (m)	Interval (m)	Lithology	Description	Mineralization
0	3.97	3.97	Overburden	No overburden recovered.	None
3.97	8.37	4.4	BiotiteSchist	Feldspar quartz biotite schist punctuated by quartz-feldspar biotite pegmatite with local trace pyrite. 6.64-7.18m iron oxides occurs along fracture surfaces and voids are present where sulfides appear to be weathered out. Rock looks silicified.	
8.37	24.31	15.94	Pegmatite	Biotite quartz feldspar pegmatite. Local aplitic and granophyric texture. Zones of medium grained granodiorite punctuated by pegmatitic bands. 18.33-19m interval of fine-grained biotite schist. Pegmatite becomes more K-spar rich towards base.	11.4-18.33m 0.1% disseminated pyrite
24.31	27.98	3.67	BiotiteSchist	Feldspar quartz biotite schist punctuated by felsic and amphibolitic bands.	24.31-27.34m 0.5% foliated pyrite crystals elongated along biotite foliation
27.98	32.45	4.47	Pegmatite	Biotite quartz plagioclase K-spar pegmatite. Varitextured; granophyric.	None
32.45	33.04	0.59	BiotiteSchist	Amphibole-Feldspar-quartz-biotite schist. Green amphiboles appear locally.	
33.04	33.77	0.73	Pegmatite	Biotite-quartz-feldspar pegmatite.	
33.77	50.6	16.83	BiotiteSchist	Amphibole-Feldspar-quartz-biotite schist. Green amphiboles appear locally. Up to 5% pink garnets throughout unit. 33.75-36.67m amphibolite bands up to 2cm wide; some with disseminated pyrite.	33.77-34.41m 0.3% disseminated pyrite; fine-grained pyrite associated with amphibolite bands and biotite clusters in irregular pegmatite band.
50.6	51.11	0.51	SemiMassiveSulphide	Semimassive sulfide vein consisting of pentlandite-chalcopyrite-pyrrhotite cutting through biotite-amphibole schist. Subrounded quartz; feldspar; biotite needle clasts occur within the vein. Vein is oriented at 20 degrees TCA.	5% breccia vein chalcopyrite; 15% breccia vein pyrrhotite; 2% breccia vein pentlandite
51.11	74.09	22.98	BiotiteSchist	Feldspar quartz biotite schist punctuated by biotite quartz feldspar pegmatite bands. Up to 5% pink fine-grained garnets down to 57.46m.	None
74.09	81.6	7.51	Pegmatite	Biotite quartz (locally has a dusty sandy texture?) K-spar varitextured pegmatite. Clots of biotite commonly host trace pyrite.	
81.6	94.57	12.97	BiotiteSchist	Quartz feldspar biotite schist. Transitions from fine to medium	

				grained down unit. Several green amphibolite 2cm wide at 5 degrees TCA. Various pegmatites cut through unit. 1cm wide biotite rich band at 89m hosts euhedral pyrite.	
94.57	96.86	2.29	Pegmatite	Biotite quartz K-spar varitextured pegmatite.	
96.86	126.78	29.92	BiotiteSchist	Quartz feldspar biotite schist. Rare amphibolite rich bands. Felsic pegmatites/migmatites cross cut unit; some with boudins. 102.82-104.19m biotite is altered to chlorite. At 106.48m of 17cm 'blob' (porphyroclast?) of ultramafic amphibolite with associated euheral pyrite.	
126.78	131.04	4.26	Pegmatite	Quartz biotite plagioclase pegmatite.	
131.04	135.69	4.65	BiotiteSchist	Quartz biotite feldspar schist. Minor pegmatites within unit and boudinage leucosomal banding.	
135.69	137.54	1.85	Granodiorite	Medium grained feldspar-biotite quartz granodiorite unit that grades into a pegmatite of similar mineral composition at bottom of interval.	
137.54	145.83	8.29	BiotiteSchist	Quartz biotite feldspar schist.1cm wide amphibolite bands near top of interval at 20 degrees TCA. Trace pyrite associated with 'blobs' of pegmatite.	
145.83	146.94	1.11	Pegmatite	Chlorite quartz feldspar pegmatite. subhedral to anheral pyrite>>chalcopyrite (hydrothermal?) associated with chlorite in upper part of unit.	145.83-146.34m 0.01% chalcopyrite; 2% disseminated pyrite associated with chlorite.
146.94	159	12.06	BiotiteSchist	Quartz biotite feldspar schist. Chlorite alteration from above unit persists down to 149.15m. At 155.72m fine-grained py-po in gneissic band. Rare 1cm wide amphibolite bands.	None

Appendix C: Cross-Sections



Legend

Lithology

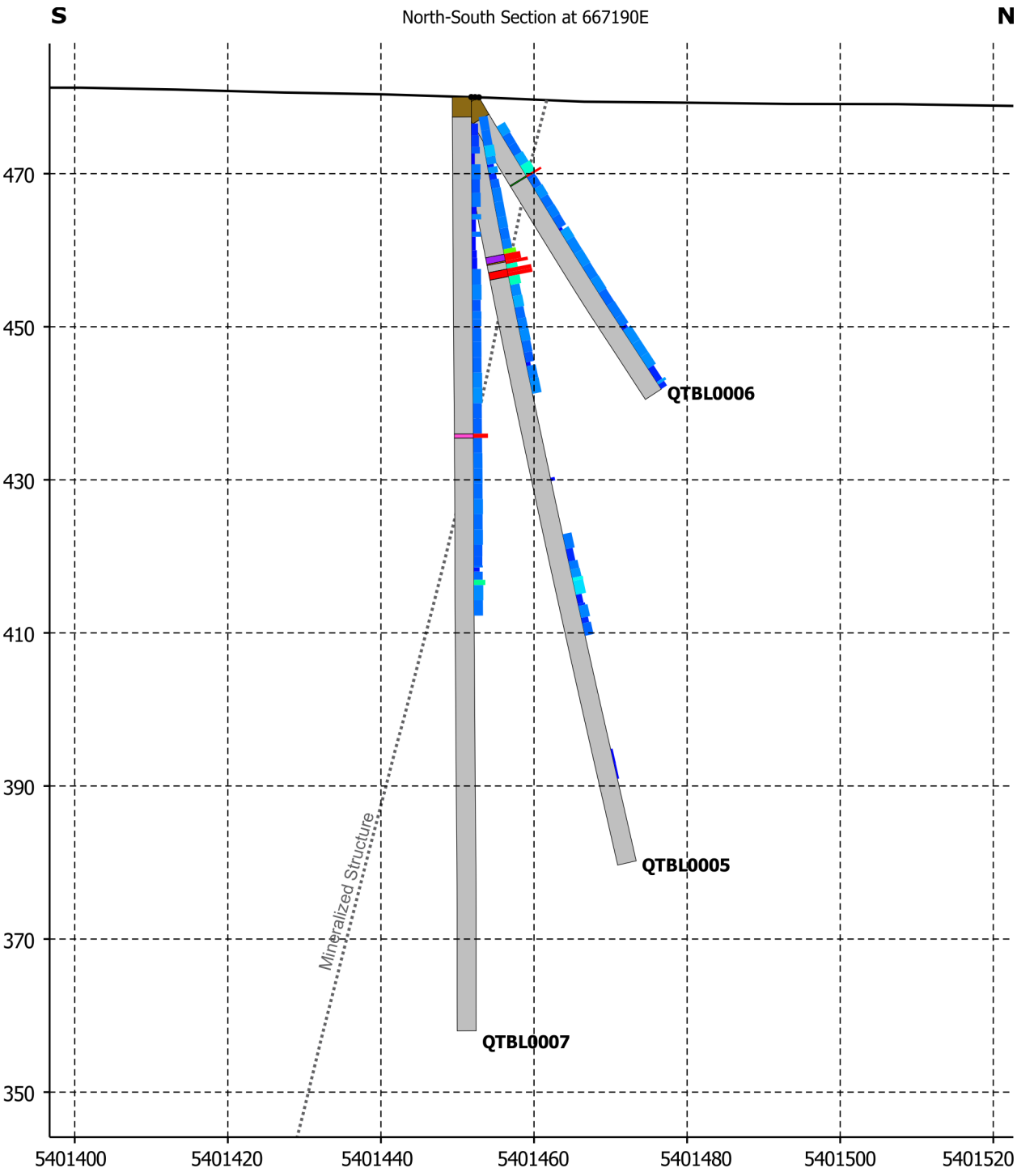
- Overburden
- Massive Sulphides
- Semi-massive Sulphides
- Disseminated Mineralization
- Paragneiss/granite
- Ultramafic rock
- Pyrite vein

Ni assays (ppm)

0 125 250 375 500

Rio Tinto Exploration Canada Inc.	
Date: 11/16/2018	Cross-Section QTBL0004 Baril Lake Prospect
Author: J. Laberge	
Office: Thunder Bay	
Scale: 1:800	Projection: UTM NAD83 Zone 15N

0 40m



Legend

Lithology

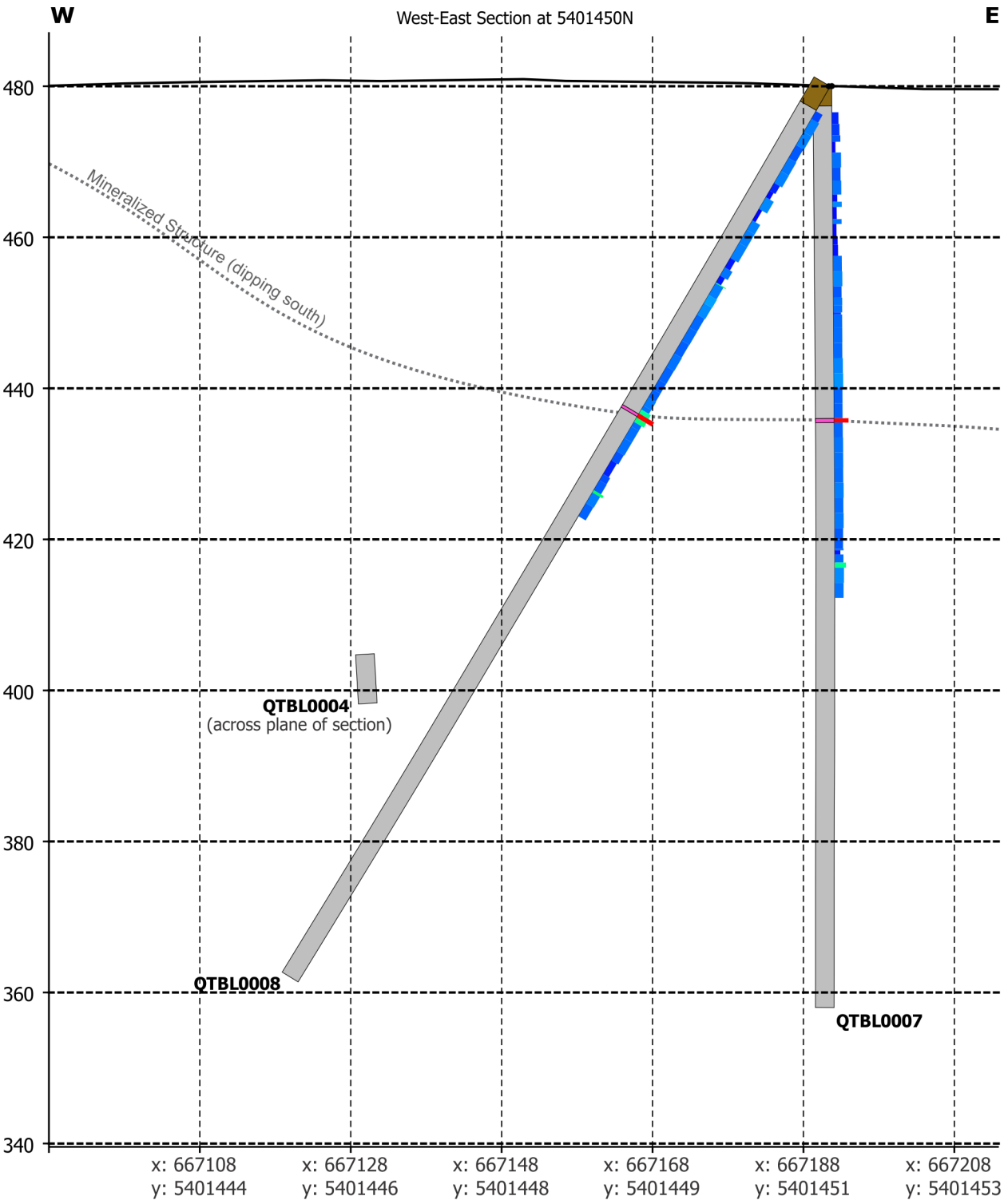
- Overburden
- Massive Sulphides
- Semi-massive Sulphides
- Disseminated Mineralization
- Paragneiss/granite
- Ultramafic rock
- Pyrite vein

Ni assays (ppm)

0 125 250 375 500

Rio Tinto Exploration Canada Inc.	
Date: 11/16/2018	Cross-Section QTBL0005-QTBL0006-QTBL0007 Baril Lake Prospect
Author: J. Laberge	
Office: Thunder Bay	
Scale: 1:800	Projection: UTM NAD83 Zone 15N

0 40m



Legend

Lithology

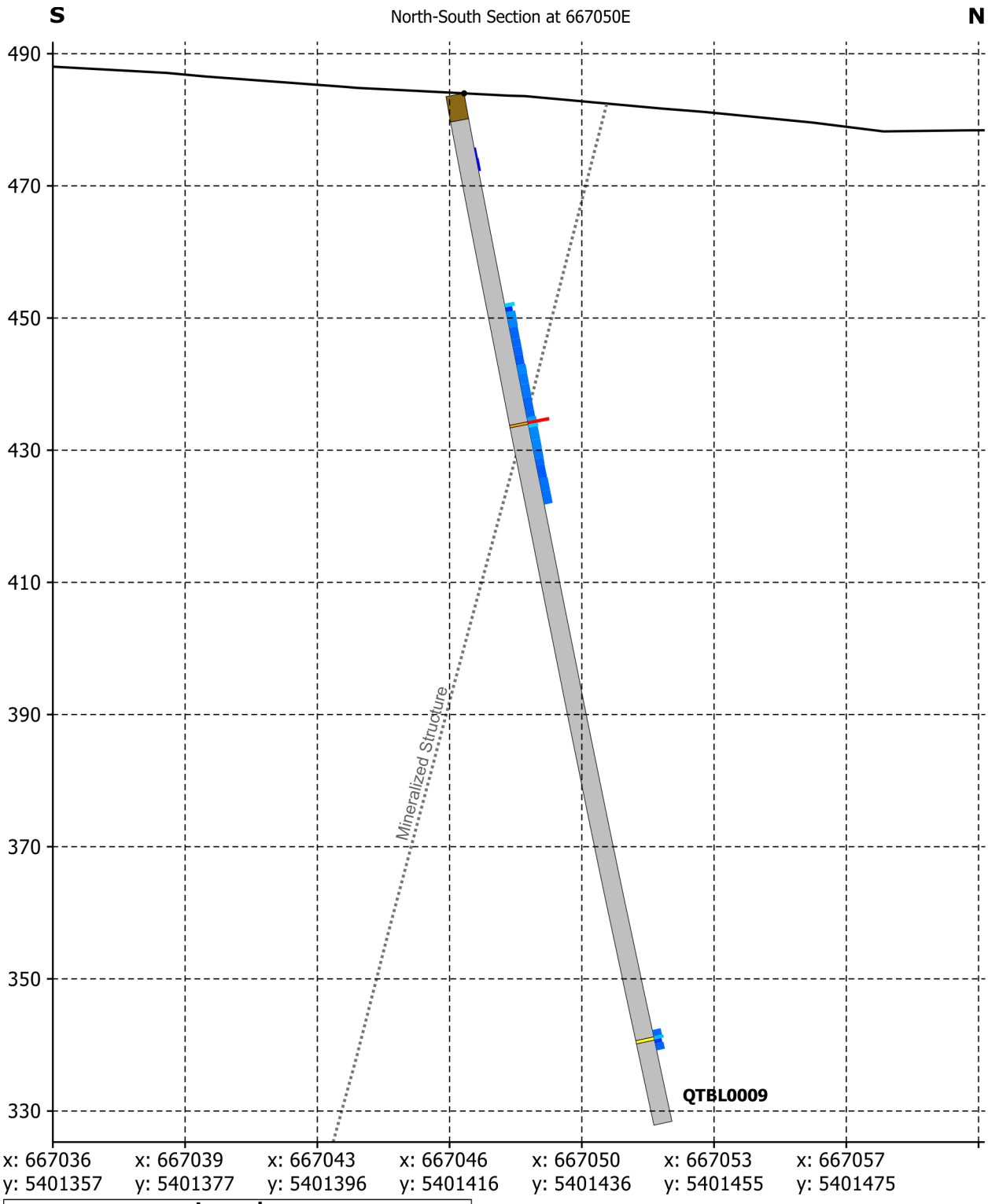
- Overburden
- Massive Sulphides
- Semi-massive Sulphides
- Disseminated Mineralization
- Paragneiss/granite
- Ultramafic rock
- Pyrite vein

Ni assays (ppm)

0 125 250 375 500

Rio Tinto Exploration Canada Inc.	
Date: 11/16/2018	Cross-Section QTBL0007-QTBL0008 Baril Lake Prospect
Author: J. Laberge	
Office: Thunder Bay	
Scale: 1:800	Projection: UTM NAD83 Zone 15N

0 40m



Legend

Lithology

- Overburden
- Massive Sulphides
- Semi-massive Sulphides
- Disseminated Mineralization
- Paragneiss/granite
- Ultramafic rock
- Pyrite vein

Ni assays (ppm)

0 125 250 375 500

Rio Tinto Exploration Canada Inc.	
Date: 11/16/2018	Cross-Section QTBL0009 Baril Lake Prospect
Author: J. Laberge	
Office: Thunder Bay	
Scale: 1:900	Projection: UTM NAD83 Zone 15N

0 40m

Appendix D: Table of assays for selected elements

SAMPLENO	HOLEID	FROM	TO	Ag	Au	Co	Cu	Ni	Pd	Pt	S
40357355	QTBL0004	25.98	28.5	0.11	0.002	25.6	56.1	72	0.001	0.0013	0.26
40357356	QTBL0004	28.5	30.26	0.2	0.001	23.9	45.3	64.6	0.001	0.001	0.27
40357357	QTBL0004	30.26	30.94	0.17	0.002	48.1	83.9	50	0.001	0.0006	0.57
40357358	QTBL0004	30.94	32.5	0.22	0.002	20.9	52.3	9.4	0.0005	0.00025	1.05
40357359	QTBL0004	32.5	34.24	0.18	0.001	21.8	60.7	11.5	0.0005	0.00025	0.59
40357361	QTBL0004	34.24	35.11	0.05	0.001	2.6	51.2	3.6	0.0005	0.00025	0.08
40357362	QTBL0004	46	48	0.05	0.001	19.2	33.8	56.4	0.001	0.0009	0.22
40357363	QTBL0004	48	49.58	0.06	0.001	22.1	12	62.9	0.001	0.0012	0.15
40357364	QTBL0004	49.58	51.5	0.04	0.001	1.7	25.6	3.9	0.0005	0.00025	0.03
40357365	QTBL0004	51.5	53.5	0.02	0.001	1.6	15.8	3	0.0005	0.00025	0.03
40357366	QTBL0004	53.5	54.86	0.05	0.001	1.7	132	3.5	0.0005	0.00025	0.02
40357367	QTBL0004	54.86	55.76	0.05	0.001	7.8	16.2	24.8	0.001	0.0006	0.11
40357368	QTBL0004	55.76	57.24	0.07	0.001	19	51.9	57.3	0.001	0.0012	0.24
40357369	QTBL0004	57.24	58.23	0.05	0.002	19.4	69.4	62.2	0.002	0.0014	0.22
40357371	QTBL0004	58.23	60	0.04	0.001	27.9	57.5	200	0.003	0.002	0.3
40357372	QTBL0004	60	62	0.14	0.001	5.5	66.6	18.9	0.0005	0.00025	0.3
40357373	QTBL0004	62	64	0.11	0.001	5.3	58.8	11.5	0.0005	0.00025	0.29
40357374	QTBL0004	64	66	0.07	0.001	14.6	40	46	0.001	0.0008	0.19
40357375	QTBL0004	66	67.5	0.07	0.001	22	50.8	76.1	0.002	0.0013	0.25
40357376	QTBL0004	67.5	68.8	0.09	0.002	21	80.3	77.7	0.001	0.0014	0.32
40357377	QTBL0004	68.8	69.84	0.04	0.001	1.1	6.5	4.1	0.0005	0.00025	0.01
40357378	QTBL0004	69.84	70.81	0.1	0.001	20.4	137	62.9	0.002	0.0015	0.17
40357379	QTBL0004	70.81	71.11	0.71	0.012	62.9	2220	1855	0.01	0.0046	0.96
40357381	QTBL0004	71.11	71.52	0.15	0.002	21	424	84.7	0.001	0.0011	0.29
40357382	QTBL0004	71.52	72.7	0.02	0.001	1.7	28.4	4.9	0.0005	0.00025	0.02
40357383	QTBL0004	72.7	73.76	0.08	0.002	13.4	65.7	41.3	0.001	0.0009	0.19
40357384	QTBL0004	82	83.27	0.04	0.001	0.7	1.7	1.9	0.0005	0.00025	0.01
40357385	QTBL0004	83.27	85	0.1	0.002	21.9	53.3	64.2	0.001	0.0015	0.22
40357386	QTBL0004	85	86.76	0.1	0.002	18.7	50	60.9	0.001	0.0012	0.26
40357194	QTBL0005	2.67	4.5	0.08	0.001	14.7	10.2	62.4	0.001	0.0006	0.12
40357195	QTBL0005	4.5	6.5	0.1	0.001	17.3	45.3	60.7	0.001	0.0011	0.22
40357196	QTBL0005	6.5	8	0.1	0.001	22.9	52.3	105	0.002	0.0015	0.27
40357197	QTBL0005	8	9	0.13	0.001	22.3	57.2	77.7	0.002	0.0016	0.27
40357198	QTBL0005	9	9.37	0.06	0.001	5.9	12.3	18.8	0.0005	0.00025	0.07
40357199	QTBL0005	9.37	10.21	0.1	0.001	22.3	62.9	81.7	0.002	0.0015	0.26
40357201	QTBL0005	10.21	11.02	0.07	0.001	7.6	26.7	25.1	0.001	0.0007	0.08
40357202	QTBL0005	11.02	12.17	0.08	0.001	16.7	64.3	54	0.002	0.0013	0.21
40357203	QTBL0005	12.17	14	0.14	0.001	21	56.8	66.6	0.002	0.0013	0.22
40357204	QTBL0005	14	16	0.1	0.001	21.4	56.8	67.1	0.002	0.0019	0.23
40357205	QTBL0005	16	17.5	0.11	0.001	21.4	51.4	69.7	0.002	0.0014	0.21
40357206	QTBL0005	17.5	19	0.09	0.001	20.4	52.2	60.7	0.001	0.0013	0.2
40357207	QTBL0005	19	20.25	0.1	0.001	22.1	45.7	68.8	0.002	0.0015	0.2
40357209	QTBL0005	20.25	20.85	1.11	0.025	31.9	1450	326	0.002	0.0012	0.69
40357210	QTBL0005	20.85	21.75	1.54	0.018	80.9	4860	1705	0.007	0.0041	0.7
40357211	QTBL0005	21.75	22.19	2.14	0.026	730	6100	32200	0.164	0.0207	12.8
40357212	QTBL0005	22.19	22.8	0.18	0.001	22.8	524	167.5	0.002	0.0023	0.31
40357213	QTBL0005	22.8	23.32	1.72	0.017	1695	5060	79400	0.223	0.007	31.4
40357214	QTBL0005	23.32	23.83	2.37	0.028	1790	6330	86300	0.331	0.344	34.9
40357215	QTBL0005	23.83	25	0.13	0.002	21.4	375	175.5	0.002	0.0459	0.31
40357216	QTBL0005	25	26.5	0.07	0.001	20.2	52.7	74.4	0.002	0.0016	0.24
40357218	QTBL0005	26.5	28	0.08	0.001	21.4	52.1	93.2	0.002	0.0017	0.26
40357219	QTBL0005	28	29.5	0.08	0.001	18	44.7	57.8	0.001	0.0013	0.21
40357221	QTBL0005	29.5	31	0.08	0.001	21.5	50.2	68	0.002	0.0016	0.17
40357222	QTBL0005	31	32.5	0.08	0.001	22.7	47.1	75.9	0.002	0.0018	0.21
40357223	QTBL0005	32.5	34	0.11	0.001	20.8	47.4	58.3	0.002	0.0013	0.24
40357224	QTBL0005	34	35.31	0.09	0.001	16.4	41	48.5	0.002	0.0012	0.24
40357225	QTBL0005	35.31	35.8	0.03	0.001	2.4	4.1	6.5	0.0005	0.00025	0.03
40357226	QTBL0005	35.8	37.5	0.11	0.001	20.8	50.7	66.9	0.002	0.0014	0.23

SAMPLENO	HOLEID	FROM	TO	Ag	Au	Co	Cu	Ni	Pd	Pt	S
40357227	QTBL0005	37.5	39.5	0.1	0.001	21.7	49.6	75	0.002	0.0016	0.18
40357228	QTBL0005	50.7	51.16	0.04	0.001	2.3	6.3	6.1	0.0005	0.00025	0.03
40357387	QTBL0005	58.26	60.26	0.09	0.002	17.8	42.4	64.7	0.001	0.0012	0.18
40357388	QTBL0005	60.26	61.92	0.08	0.001	7.3	24.8	23.4	0.0005	0.00025	0.13
40357389	QTBL0005	61.92	63	0.1	0.001	18.5	50.3	64.6	0.001	0.0011	0.24
40357391	QTBL0005	63	64.1	0.1	0.002	21.4	47.6	80.3	0.002	0.0014	0.19
40357392	QTBL0005	64.1	64.52	0.05	0.001	14.9	3.1	145	0.002	0.0018	0.01
40357393	QTBL0005	64.52	66.37	0.09	0.001	22.9	41.9	120.5	0.002	0.0019	0.18
40357394	QTBL0005	66.37	67.56	0.04	0.001	4.5	13.2	13.6	0.0005	0.00025	0.05
40357395	QTBL0005	67.56	67.87	0.06	0.001	7.9	25.1	25.7	0.001	0.0006	0.1
40357396	QTBL0005	67.87	69.46	0.11	0.002	19.5	54.3	71.6	0.001	0.0013	0.23
40357397	QTBL0005	69.46	70.19	0.11	0.002	7.4	58.4	24.3	0.001	0.0005	0.19
40357398	QTBL0005	70.19	71.85	0.08	0.001	14.3	28.1	55.4	0.001	0.0007	0.13
40357399	QTBL0005	87	89	0.05	0.001	0.7	1.4	1.5	0.0005	0.00025	0.005
40357401	QTBL0005	89	91	0.02	0.001	0.8	0.7	1.3	0.0005	0.00025	0.005
40357229	QTBL0006	4.51	6	0.08	0.001	24	56.7	83.2	0.002	0.0015	0.24
40357231	QTBL0006	6	7.5	0.08	0.001	17.9	66.4	57.8	0.001	0.0012	0.17
40357232	QTBL0006	7.5	9	0.08	0.001	18.6	52	56.9	0.001	0.0012	0.2
40357233	QTBL0006	9	10.5	0.3	0.001	21.7	539	90.4	0.002	0.0013	0.23
40357234	QTBL0006	10.5	11.94	0.14	0.001	24.4	285	163.5	0.002	0.002	0.27
40357235	QTBL0006	11.94	12.24	2	0.06	2240	8210	2630	0.081	0.0695	13.8
40357236	QTBL0006	12.24	12.65	0.11	0.001	16	294	47	0.001	0.001	0.42
40357237	QTBL0006	12.65	14	0.09	0.001	20.2	78	56	0.001	0.0013	0.21
40357238	QTBL0006	14	15.5	0.1	0.001	22.2	51.6	78.4	0.002	0.0016	0.26
40357239	QTBL0006	15.5	17	0.08	0.001	20.6	50.9	60.1	0.002	0.0015	0.17
40357241	QTBL0006	17	18.5	0.09	0.001	21.5	54.8	67.2	0.002	0.0017	0.23
40357242	QTBL0006	18.5	20.11	0.08	0.001	19.6	46.3	55.7	0.001	0.0013	0.22
40357243	QTBL0006	20.11	20.47	0.02	0.001	1.9	3.7	3.8	0.0005	0.00025	0.02
40357244	QTBL0006	20.47	22	0.11	0.001	22.6	60.9	84.3	0.002	0.0015	0.26
40357245	QTBL0006	22	24	0.08	0.001	21.6	49.4	71.2	0.002	0.0015	0.19
40357246	QTBL0006	24	26	0.09	0.001	22.8	55.2	75.8	0.002	0.0016	0.23
40357247	QTBL0006	26	28	0.09	0.001	19.8	48.1	66.5	0.001	0.0013	0.23
40357248	QTBL0006	28	30	0.09	0.001	24.2	59.6	75.4	0.002	0.0016	0.26
40357249	QTBL0006	30	32	0.1	0.001	18.9	43	55.3	0.001	0.0012	0.22
40357251	QTBL0006	32	34	0.1	0.001	17.7	38.5	64	0.001	0.0011	0.19
40357252	QTBL0006	34	35.35	0.1	0.001	17.5	39.4	65.2	0.001	0.0013	0.18
40357253	QTBL0006	35.35	35.83	0.02	0.001	4.7	8.4	16.7	0.001	0.001	0.02
40357254	QTBL0006	35.83	38	0.08	0.001	20.3	42.6	76.2	0.001	0.0013	0.17
40357255	QTBL0006	38	40	0.1	0.001	19.6	44.6	75	0.001	0.0012	0.24
40357256	QTBL0006	40	41.82	0.09	0.001	18.9	40	77.6	0.001	0.0012	0.18
40357257	QTBL0006	41.82	43.91	0.1	0.001	6.1	25.1	20.5	0.0005	0.00025	0.1
40357258	QTBL0006	43.91	44.29	0.11	0.001	22	53.3	85.8	0.001	0.0012	0.24
40357259	QTBL0006	44.29	45	0.09	0.001	6.5	27.4	22.9	0.001	0.0006	0.11
40357261	QTBL0007	3.45	5	0.11	0.001	8.6	19.8	20.9	0.0005	0.00025	0.24
40357262	QTBL0007	5	6.5	0.1	0.001	10.9	9.6	32.1	0.0005	0.00025	0.22
40357263	QTBL0007	6.5	7.36	0.07	0.001	13.1	5.1	47.1	0.001	0.00025	0.1
40357264	QTBL0007	7.36	8.78	0.03	0.001	1.3	0.6	3.6	0.0005	0.00025	0.005
40357265	QTBL0007	8.78	10.75	0.09	0.001	15.3	22.2	61.8	0.001	0.0007	0.22
40357266	QTBL0007	10.75	12.5	0.1	0.002	18.1	38	45.6	0.001	0.0011	0.17
40357267	QTBL0007	12.5	14.35	0.08	0.002	20.5	49.2	62	0.001	0.0013	0.22
40357268	QTBL0007	14.35	15.3	0.05	0.001	2.6	7.5	8	0.0005	0.00025	0.02
40357269	QTBL0007	15.3	15.99	0.1	0.001	21.7	90.3	73.5	0.002	0.0017	0.28
40357271	QTBL0007	15.99	17.6	0.05	0.001	1.3	3.1	5.6	0.001	0.00025	0.01
40357272	QTBL0007	17.6	18.25	0.08	0.002	17.6	62	63.2	0.002	0.0026	0.16
40357273	QTBL0007	18.25	20	0.04	0.001	0.7	2.4	4.6	0.0005	0.00025	0.01
40357274	QTBL0007	20	21	0.04	0.001	1.3	6.7	8.2	0.0005	0.00025	0.01
40357275	QTBL0007	21	22.46	0.04	0.001	1.6	3.3	9.7	0.0005	0.00025	0.01
40357276	QTBL0007	22.46	24.5	0.1	0.001	18.3	80.1	59.8	0.002	0.0015	0.17
40357277	QTBL0007	24.5	26.5	0.1	0.001	24.7	56.8	71.6	0.002	0.002	0.18
40357278	QTBL0007	26.5	28	0.08	0.001	18.1	51.7	47.2	0.001	0.0011	0.21
40357279	QTBL0007	28	29	0.1	0.001	19.4	48.6	62.8	0.001	0.0014	0.18
40357281	QTBL0007	29	29.95	0.09	0.001	19.1	41.3	60	0.002	0.0015	0.16
40357282	QTBL0007	29.95	30.23	0.06	0.001	12.4	29.8	34.7	0.001	0.0011	0.12
40357283	QTBL0007	30.23	32	0.08	0.001	21.8	45.4	57.9	0.002	0.0021	0.2

SAMPLENO	HOLEID	FROM	TO	Ag	Au	Co	Cu	Ni	Pd	Pt	S
40357284	QTBL0007	32	34	0.1	0.001	20.3	50.6	58.3	0.002	0.0023	0.27
40357285	QTBL0007	34	36	0.11	0.001	20.3	58.6	56.3	0.002	0.0017	0.27
40357286	QTBL0007	36	38	0.07	0.001	21.9	92.2	71.5	0.002	0.0015	0.19
40357287	QTBL0007	38	40	0.1	0.001	25.2	129	79.1	0.002	0.0017	0.21
40357288	QTBL0007	40	42	0.09	0.001	17.6	137	53.9	0.001	0.0014	0.21
40357289	QTBL0007	42	43.97	0.08	0.001	18.5	107	52.9	0.001	0.0016	0.2
40357291	QTBL0007	43.97	44.54	0.12	0.001	19.2	426	886	0.004	0.0014	0.46
40357292	QTBL0007	44.54	46.5	0.11	0.001	17.7	146.5	55.4	0.001	0.0011	0.32
40357293	QTBL0007	46.5	48.5	0.13	0.002	21.6	65.3	62.4	0.002	0.0015	0.42
40357294	QTBL0007	48.5	50.5	0.08	0.001	20	38.3	61.5	0.002	0.0015	0.25
40357295	QTBL0007	50.5	52.5	0.1	0.002	20	74.7	58.9	0.002	0.0015	0.33
40357296	QTBL0007	52.5	54.5	0.11	0.001	21.5	91.2	68.7	0.002	0.0017	0.22
40357297	QTBL0007	54.5	56.5	0.08	0.001	19.1	51.3	58.4	0.002	0.0014	0.2
40357298	QTBL0007	56.5	58.5	0.11	0.001	20	48.3	64.8	0.002	0.0018	0.18
40357299	QTBL0007	58.5	60	0.1	0.001	17.9	47.1	50	0.001	0.0012	0.25
40357301	QTBL0007	60	61.21	0.11	0.001	16.4	46.7	48.3	0.001	0.0011	0.26
40357302	QTBL0007	61.21	61.45	0.09	0.001	28.1	31.9	61	0.002	0.0022	0.16
40357303	QTBL0007	61.45	62	0.03	0.001	3.6	4.7	12.9	0.0005	0.00025	0.02
40357304	QTBL0007	62	63.07	0.12	0.001	16.3	43.7	58	0.001	0.001	0.19
40357305	QTBL0007	63.07	63.75	0.08	0.001	35.2	28.3	197.5	0.002	0.0027	0.17
40357306	QTBL0007	63.75	65.75	0.09	0.001	21.3	47.4	75.1	0.002	0.0016	0.16
40357307	QTBL0007	65.75	67.75	0.09	0.001	19	45.4	62.8	0.002	0.0014	0.19
40357308	QTBL0008	3.8	5	0.08	0.001	12.4	5.3	36.9	0.0005	0.0005	0.09
40357309	QTBL0008	5	7	0.04	0.001	15.6	0.3	68.6	0.001	0.0006	0.01
40357311	QTBL0008	7	9	0.07	0.001	15.3	27.4	69.3	0.001	0.0006	0.16
40357312	QTBL0008	9	11	0.07	0.001	17.1	37.6	48.7	0.001	0.0011	0.19
40357313	QTBL0008	11	13	0.07	0.002	22.2	52.2	64.2	0.001	0.0013	0.22
40357314	QTBL0008	13	14.8	0.07	0.002	18.1	52.5	69.6	0.001	0.0012	0.13
40357315	QTBL0008	14.8	16	0.07	0.001	4.9	27.1	20.7	0.0005	0.00025	0.05
40357316	QTBL0008	16	17	0.1	0.001	1.5	3.6	7.7	0.0005	0.00025	0.01
40357317	QTBL0008	17	18.79	0.08	0.001	24.6	95.8	73.8	0.002	0.0017	0.19
40357318	QTBL0008	18.79	20.55	0.03	0.001	3	5.9	4.4	0.0005	0.00025	0.02
40357319	QTBL0008	20.55	22	0.07	0.001	23.6	49.8	70.3	0.002	0.0017	0.19
40357321	QTBL0008	22	24	0.09	0.001	22.5	79.3	68.3	0.002	0.0016	0.27
40357322	QTBL0008	24	26.32	0.08	0.001	22.7	94.5	69.3	0.002	0.0019	0.21
40357323	QTBL0008	26.32	27.77	0.04	0.001	4.8	21.6	14.9	0.0005	0.00025	0.04
40357324	QTBL0008	27.77	29.02	0.08	0.001	20.9	76.8	62.4	0.002	0.0014	0.19
40357325	QTBL0008	29.02	30.07	0.04	0.001	3.7	17.9	13.4	0.0005	0.00025	0.05
40357326	QTBL0008	30.07	30.19	0.05	0.001	42.6	15.5	223	0.004	0.0032	0.04
40357327	QTBL0008	30.19	32	0.09	0.002	22.8	59.1	68.3	0.002	0.0014	0.31
40357328	QTBL0008	32	33.24	0.11	0.002	26	70.1	86.7	0.002	0.0015	0.37
40357329	QTBL0008	33.24	35	0.07	0.001	24	49.4	75.1	0.002	0.0017	0.24
40357331	QTBL0008	35	37	0.06	0.001	18.6	44.8	56.3	0.002	0.0014	0.16
40357332	QTBL0008	37	39	0.06	0.001	19.2	41.8	58.6	0.002	0.0015	0.15
40357333	QTBL0008	39	41	0.05	0.001	17.5	31.6	52.4	0.001	0.0014	0.11
40357334	QTBL0008	41	43	0.06	0.001	21.4	49.6	62.1	0.002	0.0014	0.21
40357335	QTBL0008	43	45	0.15	0.001	20.8	62.2	53.7	0.002	0.0015	0.24
40357336	QTBL0008	45	46.5	0.08	0.001	20.9	47.6	51.3	0.002	0.0015	0.22
40357337	QTBL0008	46.5	47.75	0.1	0.001	20.4	56.2	52.6	0.001	0.0011	0.2
40357338	QTBL0008	47.75	49	0.1	0.001	21.7	93.8	66.4	0.002	0.0014	0.22
40357339	QTBL0008	49	49.6	0.06	0.001	17.5	117	62.6	0.001	0.0011	0.14
40357341	QTBL0008	49.6	50.2	0.15	0.002	30.7	554	191	0.003	0.0028	0.37
40357342	QTBL0008	50.2	50.84	0.99	0.011	113.5	5110	4120	0.023	0.0045	2.08
40357343	QTBL0008	50.84	51.5	0.25	0.002	27.3	642	207	0.002	0.0015	0.17
40357344	QTBL0008	51.5	52.2	0.12	0.001	21.8	217	59.1	0.001	0.0013	0.2
40357345	QTBL0008	52.2	54	0.1	0.001	22.4	75.7	60.3	0.001	0.0013	0.2
40357346	QTBL0008	54	56	0.12	0.001	22.4	75.9	60.4	0.002	0.0014	0.21
40357347	QTBL0008	56	57.41	0.12	0.001	18.4	63.6	45.5	0.001	0.001	0.18
40357348	QTBL0008	57.41	59.53	0.07	0.001	5.3	36.5	19.5	0.0005	0.00025	0.06
40357349	QTBL0008	59.53	60.5	0.11	0.001	17.2	88.2	43.5	0.001	0.001	0.2
40357351	QTBL0008	60.5	62	0.11	0.002	18.9	57.2	51.2	0.001	0.0011	0.25
40357352	QTBL0008	62	62.35	0.07	0.001	40.6	33.9	222	0.003	0.0028	0.11
40357353	QTBL0008	62.35	64	0.09	0.001	21.2	55.8	67.2	0.002	0.0016	0.19
40357354	QTBL0008	64	66	0.08	0.001	17.3	38.3	53.3	0.001	0.0013	0.15

SAMPLENO	HOLEID	FROM	TO	Ag	Au	Co	Cu	Ni	Pd	Pt	S
40357402	QTBL0009	8.37	10	0.06	0.001	0.6	1.6	1.3	0.0005	0.00025	0.005
40357403	QTBL0009	10	12	0.1	0.001	1.8	32.9	2.1	0.0005	0.00025	0.12
40357404	QTBL0009	32.45	33.04	0.13	0.002	25	69.6	113.5	0.001	0.0011	0.28
40357405	QTBL0009	33.04	33.77	0.07	0.002	6.9	35.4	27.7	0.002	0.0014	0.16
40357406	QTBL0009	33.77	35	0.11	0.002	23.3	62.7	78.1	0.002	0.0018	0.29
40357407	QTBL0009	35	36.18	0.08	0.001	22.5	51.1	71.6	0.001	0.0012	0.21
40357408	QTBL0009	36.18	38	0.07	0.002	20	38.5	55.6	0.001	0.0014	0.15
40357409	QTBL0009	38	39.25	0.06	0.001	19.6	49.8	55.8	0.001	0.0013	0.17
40357411	QTBL0009	39.25	40.52	0.07	0.002	19.7	45.5	54.9	0.001	0.0013	0.15
40357412	QTBL0009	40.52	42	0.07	0.002	27.1	54.4	49.5	0.001	0.0011	0.24
40357413	QTBL0009	42	43.35	0.08	0.002	23.7	52.3	72.4	0.002	0.0017	0.23
40357414	QTBL0009	43.35	45	0.09	0.002	22.5	60.6	65.4	0.001	0.0014	0.27
40357415	QTBL0009	45	47	0.08	0.001	21.6	45.7	64	0.001	0.0011	0.19
40357416	QTBL0009	47	49	0.08	0.002	19.8	44.3	55.1	0.001	0.0011	0.19
40357417	QTBL0009	49	50.08	0.08	0.002	20.3	68.1	57	0.001	0.0012	0.19
40357418	QTBL0009	50.08	50.6	0.22	0.002	23.9	360	87.4	0.001	0.0014	0.24
40357419	QTBL0009	50.6	51.11	21.8	0.08	680	46500	33200	0.158	0.0541	15.55
40357421	QTBL0009	51.11	51.61	0.18	0.002	24.1	279	112.5	0.002	0.0016	0.24
40357422	QTBL0009	51.61	53.6	0.08	0.001	22.4	48.5	73.9	0.002	0.0015	0.13
40357423	QTBL0009	53.6	55	0.07	0.002	24.2	47.8	72.9	0.002	0.0018	0.15
40357424	QTBL0009	55	56.5	0.09	0.003	22.4	72	65.7	0.002	0.0016	0.24
40357425	QTBL0009	56.5	57.46	0.09	0.002	20.3	60.7	56.6	0.001	0.0013	0.28
40357426	QTBL0009	57.46	59.5	0.07	0.002	18	40.9	49.7	0.001	0.0012	0.21
40357427	QTBL0009	59.5	61.51	0.08	0.002	17.5	35.7	61.8	0.001	0.0011	0.18
40357428	QTBL0009	61.51	63.5	0.09	0.002	19.1	47.9	60.8	0.001	0.0012	0.25
40357429	QTBL0009	144.83	145.83	0.1	0.002	19.9	49.2	57.7	0.002	0.0017	0.19
40357431	QTBL0009	145.83	146.31	0.16	0.004	52.9	202	102	0.002	0.0025	2.19
40357432	QTBL0009	146.31	146.94	0.06	0.002	9.8	37.3	30.9	0.001	0.0008	0.18
40357433	QTBL0009	146.94	148	0.06	0.002	17.9	36	54.1	0.001	0.0013	0.1

Appendix E: Certificates of Analyses

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
This copy reported on
4-JUN-2018
Account: KAV

CERTIFICATE TB18091733

Project: EB80004237

P.O. No.: 3103094877

This report is for 119 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-APR-2018.

The following have access to data associated with this certificate:

RTXAMRNA ASSAY RESULTS JUSTIN LABERGE	RACHELLE BOULANGER	SUE DRIEBERG

To: **RIO TINTO EXPLORATION CANADA INC.**
ATTN: JUSTIN LABERGE
1300 WEST WALSH STREET
THUNDER BAY ON P7E 4X4

SAMPLE PREPARATION

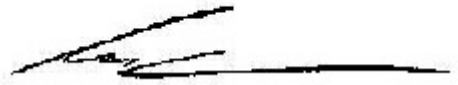
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-22	Split sample - rotary splitter
SPL-22X	Addnl Rot Cru Split w No Analysis
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
TOT-ICP06	Total Calculation for ICP06	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
ME-MS61	48 element four acid ICP-MS	
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357194		3.25	76.7	90.6	62.5	15.60	4.67	3.59	2.98	3.80	2.60	0.014	0.57	0.07	0.33	0.11
40357195		3.71		87.9	65.2	15.90	5.85	3.23	2.57	3.86	2.79	0.016	0.54	0.08	0.21	0.07
40357196		2.64			62.4	14.85	7.34	3.94	4.10	3.16	2.36	0.035	0.56	0.09	0.20	0.05
40357197		1.91			62.3	15.30	7.35	3.34	3.14	3.41	2.46	0.022	0.60	0.09	0.18	0.05
40357198		0.85			72.7	14.10	2.66	1.77	0.86	3.67	3.72	0.007	0.19	0.03	0.04	0.03
40357199		1.86			62.2	15.90	7.21	3.39	3.67	3.40	2.66	0.025	0.60	0.09	0.20	0.06
40357200		1.35			55.5	18.50	9.09	6.87	3.16	3.72	2.27	0.006	1.17	0.13	0.42	0.07
40357201		1.62			73.2	13.60	3.57	1.17	1.09	3.12	4.82	0.010	0.24	0.04	0.03	0.02
40357202		2.47			66.6	14.65	6.17	2.39	2.25	3.75	2.31	0.017	0.47	0.07	0.11	0.03
40357203		3.28			64.7	15.35	6.56	2.83	2.56	3.49	2.36	0.019	0.53	0.08	0.13	0.04
40357204		4.04			64.8	15.25	6.81	2.98	2.66	3.11	2.22	0.019	0.55	0.09	0.14	0.04
40357205		2.64			65.2	14.95	6.73	2.81	2.64	3.29	2.17	0.018	0.53	0.08	0.12	0.03
40357206		2.75			64.4	14.95	6.35	3.10	2.42	3.25	2.02	0.018	0.53	0.08	0.13	0.04
40357207		2.16			64.7	16.10	6.85	2.80	3.05	3.65	2.64	0.020	0.57	0.08	0.13	0.05
40357208		0.20			0.60	0.10	60.1	0.28	0.18	0.01	0.01	0.069	0.04	0.06	<0.01	<0.01
40357209		1.26			58.7	14.15	7.02	5.96	7.08	2.76	2.03	0.041	0.70	0.10	0.59	0.14
40357210		1.82			51.7	10.60	11.80	7.10	11.20	1.48	1.74	0.111	0.79	0.13	0.19	0.04
40357211		0.92			39.0	12.70	26.8	1.84	3.96	3.11	2.13	0.033	0.52	0.04	0.08	0.03
40357212		1.15			63.3	15.35	7.21	2.29	2.86	3.82	2.29	0.020	0.56	0.10	0.12	0.04
40357213		1.48			12.20	2.75	54.0	1.02	2.29	0.49	0.45	0.039	0.14	0.06	0.05	<0.01
40357213 CRD		<0.02			11.75	2.68	52.7	0.94	2.10	0.49	0.44	0.036	0.13	0.05	0.04	0.01
40357214		1.40			8.00	1.94	56.3	0.49	1.20	0.36	0.36	0.025	0.10	0.02	0.04	<0.01
40357215		1.93			65.6	15.00	7.54	2.46	2.54	3.65	2.37	0.019	0.53	0.08	0.12	0.04
40357216		2.92			65.4	15.15	6.42	2.47	2.86	3.37	2.77	0.020	0.56	0.08	0.15	0.05
40357217		0.21			45.5	18.60	12.15	9.35	7.52	2.10	1.11	0.348	1.34	0.14	0.16	0.04
40357218		2.69			63.7	15.95	6.45	2.97	2.58	3.30	2.91	0.019	0.57	0.09	0.11	0.04
40357219		1.08			66.4	14.40	6.09	2.39	2.38	3.30	2.55	0.017	0.50	0.07	0.11	0.03
40357220		1.18			67.5	14.85	6.39	2.43	2.51	3.39	2.68	0.018	0.53	0.08	0.12	0.03
40357221		2.85			64.8	15.25	6.73	2.15	2.64	3.54	2.77	0.019	0.54	0.07	0.09	0.03
40357222		2.70			61.0	15.85	8.20	2.04	2.92	3.63	2.80	0.019	0.60	0.09	0.14	0.03
40357223		2.84			65.8	14.50	6.19	3.12	2.63	3.06	2.27	0.018	0.52	0.09	0.14	0.04
40357224		2.76			68.1	14.70	5.50	2.98	2.30	3.46	2.20	0.017	0.48	0.07	0.12	0.04
40357225		1.00			75.5	13.45	2.01	0.88	0.42	2.65	6.46	0.003	0.11	0.02	0.02	0.03
40357226		3.40			64.3	14.95	6.22	2.91	2.67	3.35	2.66	0.022	0.48	0.08	0.14	0.05
40357227		3.53			65.1	15.60	6.52	3.49	3.28	3.31	2.44	0.029	0.57	0.09	0.14	0.05
40357228		0.81			73.8	13.30	1.85	1.32	0.38	2.80	6.35	0.003	0.11	0.02	0.41	0.03
40357229		2.87			62.1	15.00	7.72	3.42	3.41	3.18	2.61	0.022	0.62	0.09	0.19	0.05
40357230		1.40			56.2	17.75	7.98	5.99	2.71	3.66	2.51	0.005	1.07	0.12	0.35	0.06
40357231		2.81			67.0	14.65	5.91	2.30	2.46	3.40	2.92	0.018	0.47	0.07	0.10	0.04
40357232		2.89			67.3	15.10	6.19	2.90	2.53	3.38	2.22	0.017	0.52	0.08	0.13	0.04

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357194		0.13	98.34	1.38	0.12	0.12	1105	120.0	90	3.20	1.91	0.74	1.62	20.1	3.79	4.1
40357195		0.08	101.38	0.98	0.07	0.22	736	83.1	110	4.50	2.54	1.19	1.14	20.6	3.55	3.8
40357196		0.07	101.63	2.47	0.35	0.27	565	65.4	240	7.00	2.34	1.30	1.12	19.0	3.49	3.3
40357197		0.07	99.70	1.39	0.12	0.27	640	64.0	150	5.88	2.52	1.35	1.14	19.5	3.43	3.4
40357198		0.09	100.49	0.62	0.08	0.07	789	50.9	50	2.40	1.32	0.49	0.65	17.6	2.38	4.6
40357199		0.07	101.31	1.83	0.21	0.26	627	74.0	170	6.32	2.57	1.26	1.17	20.0	3.67	3.2
40357200		0.10	101.37	0.36	0.06	0.13	844	63.8	40	1.20	6.86	3.89	1.76	24.0	7.41	7.8
40357201		0.05	101.48	0.52	0.05	0.08	452	40.4	70	5.01	1.37	0.47	0.44	17.6	2.25	3.4
40357202		0.04	100.30	1.44	0.12	0.21	369	47.6	110	4.78	2.00	1.05	0.77	19.1	2.88	4.7
40357203		0.07	100.39	1.67	0.15	0.22	558	49.5	130	3.70	2.40	1.35	0.90	18.9	2.80	3.1
40357204		0.07	100.02	1.28	0.08	0.23	591	54.0	140	3.50	2.55	1.43	0.97	18.9	2.82	3.3
40357205		0.06	99.32	0.69	0.02	0.21	552	56.1	130	4.08	2.53	1.28	0.92	18.2	2.70	3.4
40357206		0.06	98.05	0.70	0.03	0.20	530	49.0	130	3.72	2.34	1.24	0.90	17.9	2.78	3.5
40357207		0.08	101.47	0.75	0.02	0.20	719	54.7	140	4.47	2.42	1.11	0.92	19.6	3.27	3.4
40357208		<0.01	76.50	15.05	0.08	33.4	2.7	1.5	420	0.04	0.05	0.05	0.03	1.0	0.19	<0.2
40357209		0.13	101.07	1.67	0.08	0.69	1130	226	290	2.99	3.08	1.27	2.66	18.4	6.33	3.8
40357210		0.08	98.91	1.95	0.05	0.70	684	48.9	820	3.57	2.23	1.14	1.50	13.2	4.42	1.9
40357211		0.04	96.32	6.04	0.02	12.80	349	26.9	230	4.54	2.66	1.65	0.83	17.6	2.60	1.8
40357212		0.05	99.00	0.99	0.02	0.31	422	46.4	150	4.16	2.30	1.42	0.85	17.2	2.74	3.1
40357213		0.01	85.50	12.00	0.05	31.4	110.5	17.2	250	0.72	0.53	0.21	0.23	3.7	0.59	0.5
40357213 CRD		0.01	83.53	12.15	0.05	31.6	101.0	17.1	220	0.65	0.45	0.24	0.21	3.2	0.63	0.5
40357214		0.01	81.95	13.10	0.06	34.9	85.2	11.5	160	0.57	0.41	0.17	0.13	2.6	0.43	0.3
40357215		0.07	100.77	0.75	0.03	0.31	591	50.3	130	4.56	2.27	1.14	0.90	17.6	2.66	3.5
40357216		0.09	100.48	1.09	0.04	0.24	821	64.9	140	4.08	2.19	1.23	0.97	19.2	3.07	3.8
40357217		0.04	100.23	1.83	0.05	0.36	329	25.2	2460	2.51	3.30	2.02	1.26	19.6	3.46	2.7
40357218		0.08	99.82	1.05	0.05	0.26	736	60.0	140	4.20	2.62	1.46	0.90	20.0	3.42	3.7
40357219		0.06	98.94	0.64	0.04	0.21	526	50.5	120	4.62	2.07	1.00	0.94	17.9	2.77	3.3
40357220		0.06	101.28	0.69	0.05	0.22	549	53.9	130	4.95	2.11	1.20	0.89	18.0	2.90	3.2
40357221		0.06	99.66	0.97	0.03	0.17	576	55.1	130	5.24	2.28	1.19	0.92	20.7	2.99	3.4
40357222		0.07	98.37	0.98	0.04	0.21	601	54.9	140	5.27	2.55	1.45	0.99	19.6	3.16	3.3
40357223		0.07	99.27	0.82	0.03	0.24	641	52.6	130	3.91	2.49	1.25	1.01	18.2	2.92	3.7
40357224		0.07	100.47	0.43	0.04	0.24	651	50.0	110	3.52	2.04	1.08	0.84	17.2	2.67	3.6
40357225		0.09	101.90	0.26	0.04	0.03	793	38.3	20	1.79	0.87	0.21	0.46	14.4	2.18	1.0
40357226		0.07	98.46	0.56	0.03	0.23	612	58.1	150	4.32	2.14	1.16	0.97	17.5	2.84	3.8
40357227		0.07	101.31	0.62	0.03	0.18	627	52.5	210	3.74	2.16	1.26	0.98	18.6	3.19	4.0
40357228		0.08	100.66	0.21	0.04	0.03	716	34.8	20	2.21	5.09	1.98	0.47	13.9	6.10	0.6
40357229		0.07	99.72	1.24	0.12	0.24	642	70.6	160	6.72	2.60	1.34	1.21	18.2	3.77	3.2
40357230		0.12	98.87	0.34	0.06	0.12	1060	73.1	30	1.30	6.20	3.41	1.81	22.7	7.53	6.7
40357231		0.05	100.64	1.25	0.10	0.17	455	48.7	130	5.23	1.98	1.01	0.82	18.8	2.78	3.5
40357232		0.06	101.39	0.92	0.05	0.20	573	50.8	120	3.88	2.34	1.44	0.95	18.4	3.06	3.4

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357194		0.35	58.8	0.07	7.5	50.8	13.60	83.9	7.11	1	874	0.4	0.43	7.47	0.10	1.68
40357195		0.41	41.0	0.16	7.2	35.2	9.57	85.3	5.51	1	598	0.6	0.46	9.56	0.16	3.12
40357196		0.44	31.8	0.17	6.7	29.6	7.65	81.0	5.44	1	445	0.5	0.46	7.29	0.18	2.30
40357197		0.47	31.2	0.18	6.5	28.3	7.21	89.7	5.11	1	412	0.6	0.45	7.16	0.17	2.84
40357198		0.18	25.8	0.05	6.8	20.1	5.61	72.7	3.46	1	284	0.5	0.32	16.85	0.07	19.25
40357199		0.47	34.7	0.16	7.1	34.0	8.60	106.0	5.87	2	477	0.6	0.49	7.95	0.15	2.45
40357200		1.31	27.3	0.54	14.2	38.2	8.67	92.8	8.81	2	505	0.8	1.18	2.84	0.54	1.47
40357201		0.19	19.2	0.06	8.3	16.7	4.56	136.0	3.45	3	204	0.5	0.31	12.40	0.07	33.7
40357202		0.36	23.0	0.17	7.5	20.4	5.26	101.5	3.57	2	275	0.6	0.39	7.56	0.16	6.33
40357203		0.46	24.8	0.20	5.9	20.9	5.65	82.0	4.06	1	358	0.6	0.44	6.71	0.17	2.10
40357204		0.47	27.6	0.21	5.8	22.5	6.15	72.5	4.15	1	321	0.5	0.47	7.08	0.21	2.01
40357205		0.46	28.3	0.18	5.4	24.0	6.24	66.1	4.41	1	307	0.5	0.43	7.82	0.21	2.49
40357206		0.50	25.1	0.19	5.3	20.2	5.58	61.4	3.61	1	316	0.5	0.41	6.64	0.19	2.08
40357207		0.43	27.1	0.19	5.8	22.7	6.28	74.9	4.24	1	432	0.5	0.46	6.87	0.20	1.96
40357208		0.01	0.8	<0.01	0.5	0.8	0.19	0.4	0.09	3	2.5	<0.1	0.02	0.06	0.01	<0.05
40357209		0.46	110.0	0.14	8.1	96.1	26.1	64.9	14.25	1	1195	0.4	0.66	11.80	0.14	2.59
40357210		0.46	19.3	0.11	4.0	33.3	7.31	53.8	6.96	2	386	0.6	0.48	2.48	0.14	1.22
40357211		0.60	13.4	0.23	3.9	11.6	3.16	58.1	2.40	<1	256	0.4	0.41	3.10	0.24	1.03
40357212		0.55	24.7	0.22	5.3	19.0	5.19	69.6	2.94	1	334	0.6	0.38	6.09	0.20	1.56
40357213		0.12	10.1	0.05	0.8	6.7	1.93	13.9	1.19	1	55.2	0.2	0.10	1.05	0.02	0.25
40357213 CRD		0.08	9.8	0.03	0.7	7.2	1.98	12.9	1.24	<1	55.4	0.2	0.07	0.91	0.03	0.21
40357214		0.08	6.5	0.02	0.6	4.6	1.28	10.6	0.73	<1	34.4	0.2	0.08	0.67	0.02	0.20
40357215		0.44	26.4	0.19	5.8	21.0	5.71	67.0	3.97	3	361	0.6	0.36	7.07	0.17	2.28
40357216		0.46	33.3	0.16	6.5	25.5	7.25	89.7	4.20	1	418	0.6	0.42	8.63	0.19	2.26
40357217		0.75	11.7	0.26	7.8	14.6	3.50	32.7	3.99	1	379	0.6	0.60	1.22	0.25	0.29
40357218		0.55	31.4	0.20	6.6	24.3	6.71	98.6	4.47	1	362	0.7	0.43	8.02	0.21	2.40
40357219		0.45	26.0	0.18	6.3	21.4	5.94	87.8	3.95	1	307	0.7	0.42	8.43	0.15	2.41
40357220		0.47	27.8	0.15	7.7	22.5	6.38	92.2	4.12	1	314	0.7	0.40	8.34	0.14	2.28
40357221		0.51	28.0	0.16	8.1	24.2	6.47	106.5	4.19	1	298	0.8	0.43	8.95	0.15	4.97
40357222		0.55	28.0	0.24	6.8	23.3	6.25	98.9	4.14	1	278	0.6	0.42	7.62	0.21	3.02
40357223		0.50	27.0	0.16	6.2	22.1	6.15	70.1	4.12	1	334	0.7	0.38	7.66	0.20	2.36
40357224		0.40	26.3	0.17	5.6	21.6	5.84	70.7	3.47	1	357	0.6	0.35	7.11	0.14	2.00
40357225		0.12	17.5	0.01	6.1	15.8	4.70	114.5	3.64	1	238	0.4	0.25	13.30	0.03	2.73
40357226		0.46	28.8	0.16	6.9	25.1	6.93	96.7	4.44	1	382	0.6	0.42	8.01	0.16	2.51
40357227		0.43	26.7	0.19	6.0	23.0	6.23	72.0	3.84	1	421	0.6	0.43	7.03	0.16	1.77
40357228		0.85	14.6	0.15	4.8	18.4	4.66	118.5	6.15	1	233	0.4	0.92	9.47	0.23	11.85
40357229		0.52	35.1	0.20	7.0	31.0	8.49	95.8	5.34	1	456	0.6	0.48	8.20	0.18	2.84
40357230		1.34	32.9	0.48	14.0	39.5	9.90	94.5	8.67	2	524	0.8	1.09	4.67	0.49	1.62
40357231		0.40	24.6	0.15	7.3	20.8	5.82	111.5	3.76	2	328	0.7	0.35	8.09	0.13	9.78
40357232		0.46	25.9	0.19	5.4	21.8	5.95	69.1	3.79	1	370	0.5	0.40	7.45	0.19	2.20

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357194		66	1	8.5	0.55	174	0.2	0.10	<0.005	0.017	<0.001	<0.05	<0.2	0.01	0.36	0.08
40357195		91	3	11.4	1.14	150	<0.1	0.14	<0.005	0.032	0.001	<0.05	<0.2	0.02	0.45	0.10
40357196		108	3	12.0	1.11	130	0.3	0.30	<0.005	0.033	<0.001	<0.05	0.2	0.04	0.40	0.10
40357197		112	2	12.4	1.17	133	0.4	0.22	<0.005	0.034	0.001	<0.05	0.3	0.04	0.41	0.13
40357198		28	4	5.4	0.42	144	0.1	0.06	<0.005	0.016	<0.001	<0.05	<0.2	0.01	0.16	0.06
40357199		112	2	12.3	1.04	126	0.4	0.19	0.005	0.044	<0.001	<0.05	0.2	0.03	0.53	0.10
40357200		146	1	35.8	3.35	305	0.4	0.01	<0.005	0.033	<0.001	<0.05	<0.2	0.02	0.35	0.03
40357201		41	2	5.3	0.38	106	0.1	0.08	<0.005	0.034	<0.001	<0.05	0.2	0.01	0.41	0.07
40357202		90	3	10.7	0.92	154	0.4	0.09	<0.005	0.038	0.001	<0.05	<0.2	0.03	0.46	0.08
40357203		104	1	12.2	1.23	127	0.6	0.18	0.005	0.033	0.001	<0.05	0.2	0.03	0.27	0.14
40357204		107	1	13.1	1.33	128	0.3	0.18	<0.005	0.036	0.001	<0.05	0.3	0.03	0.30	0.10
40357205		102	1	12.1	1.18	127	0.2	0.17	<0.005	0.036	0.001	<0.05	0.3	0.03	0.39	0.11
40357206		99	1	12.1	1.45	136	0.2	0.17	<0.005	0.031	0.001	<0.05	<0.2	0.03	0.36	0.09
40357207		112	1	12.0	1.25	134	0.1	0.11	<0.005	0.038	0.002	<0.05	0.2	0.03	0.41	0.10
40357208		45	2	0.5	<0.03	<2	3.1	3.59	0.134	0.354	0.140	0.42	75.9	6.11	0.44	14.80
40357209		105	2	12.9	0.84	173	0.5	2.71	<0.005	0.014	0.001	<0.05	0.6	0.11	0.23	1.11
40357210		151	1	10.8	0.88	63	0.1	2.36	<0.005	0.034	0.001	<0.05	2.6	0.45	0.29	1.54
40357211		167	1	14.7	1.63	67	0.5	7.76	0.005	0.034	0.025	<0.05	43.8	3.44	0.68	2.14
40357212		111	<1	12.3	1.37	117	0.1	0.18	<0.005	0.033	<0.001	<0.05	0.5	0.06	0.42	0.18
40357213		32	<1	2.5	0.24	23	1.4	14.80	0.007	0.009	0.083	<0.05	83.4	5.12	0.55	1.72
40357213 CRD		30	2	2.1	0.16	18	1.6	15.80	<0.005	0.008	0.093	<0.05	82.7	5.23	0.55	1.72
40357214		23	<1	1.7	0.20	15	1.4	16.60	0.009	0.010	0.101	<0.05	87.7	5.50	0.56	2.37
40357215		97	<1	11.0	1.23	129	<0.1	0.18	<0.005	0.033	0.001	<0.05	0.4	0.05	0.42	0.13
40357216		109	1	11.7	1.04	148	0.2	0.11	<0.005	0.032	0.001	<0.05	0.3	0.03	0.40	0.07
40357217		180	<1	17.7	1.58	108	4.3	0.24	0.006	0.031	0.003	0.32	1.0	0.05	0.40	0.50
40357218		117	<1	14.9	1.53	141	0.2	0.12	<0.005	0.038	0.001	<0.05	0.4	0.04	0.45	0.08
40357219		103	1	10.6	1.09	120	0.1	0.13	<0.005	0.040	0.001	<0.05	0.4	0.02	0.53	0.08
40357220		108	1	11.0	1.06	126	<0.1	0.14	<0.005	0.041	0.001	<0.05	0.4	0.04	0.53	0.11
40357221		115	1	11.6	1.14	127	0.2	0.14	<0.005	0.046	0.001	<0.05	0.2	0.03	0.60	0.08
40357222		125	<1	13.4	1.28	127	0.1	0.19	<0.005	0.044	0.001	<0.05	0.4	0.04	0.57	0.08
40357223		108	1	12.0	1.04	144	0.1	0.17	<0.005	0.033	0.001	<0.05	0.3	0.03	0.39	0.11
40357224		91	<1	10.6	1.07	126	0.2	0.12	<0.005	0.030	0.001	<0.05	0.4	0.04	0.43	0.09
40357225		9	<1	3.0	0.10	28	0.2	0.04	<0.005	0.013	<0.001	<0.05	<0.2	0.01	0.13	0.03
40357226		99	<1	10.7	0.96	141	0.1	0.12	<0.005	0.038	0.001	<0.05	0.3	0.03	0.61	0.11
40357227		117	<1	11.6	1.17	140	0.1	0.13	<0.005	0.029	0.001	<0.05	0.4	0.04	0.44	0.10
40357228		10	<1	24.3	1.20	19	0.2	0.10	<0.005	0.010	<0.001	<0.05	0.2	0.01	0.13	0.04
40357229		116	<1	12.9	1.17	127	0.3	0.17	<0.005	0.035	0.001	<0.05	0.4	0.04	0.48	0.08
40357230		140	<1	33.4	3.17	282	0.4	0.01	<0.005	0.034	0.001	<0.05	0.2	0.02	0.36	0.03
40357231		97	1	9.9	1.01	129	0.4	0.11	<0.005	0.038	<0.001	<0.05	0.2	0.03	0.46	0.08
40357232		104	<1	12.1	1.36	131	0.2	0.17	<0.005	0.030	0.001	<0.05	0.3	0.03	0.34	0.08

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
40357194		0.06	14.7	10.2	54.3	1.42	62.4	17.5	7.9	82	0.001	0.0006	0.001			
40357195		0.07	17.3	45.3	43.0	1.55	60.7	18.9	12.0	78	0.001	0.0011	0.001			
40357196		0.08	22.9	52.3	57.4	1.76	105.0	14.9	13.9	79	0.001	0.0015	0.002			
40357197		0.08	22.3	57.2	50.1	1.87	77.7	16.8	14.7	83	0.001	0.0016	0.002			
40357198		0.06	5.9	12.3	21.9	2.20	18.8	46.9	5.2	37	0.001	<0.0005	<0.001			
40357199		0.08	22.3	62.9	60.5	1.58	81.7	16.3	14.6	85	0.001	0.0015	0.002			
40357200		0.10	21.2	20.0	19.8	1.11	18.5	10.4	18.7	105	0.001	<0.0005	0.001			
40357201		0.04	7.6	26.7	35.3	1.90	25.1	51.7	7.2	58	0.001	0.0007	0.001			
40357202		0.07	16.7	64.3	55.0	1.89	54.0	19.1	13.0	79	0.001	0.0013	0.002			
40357203		0.10	21.0	56.8	54.6	1.91	66.6	16.0	14.3	82	0.001	0.0013	0.002			
40357204		0.10	21.4	56.8	52.2	1.91	67.1	14.5	14.7	81	0.001	0.0019	0.002			
40357205		0.10	21.4	51.4	46.9	1.88	69.7	15.6	14.7	81	0.001	0.0014	0.002			
40357206		0.11	20.4	52.2	40.0	1.87	60.7	15.0	14.0	80	0.001	0.0013	0.001			
40357207		0.08	22.1	45.7	40.6	2.75	68.8	16.8	15.8	82	0.001	0.0015	0.002			
40357208		3.85	1530	>10000	0.6	6.33	>10000	44.8	0.2	122	0.360	>1.00	0.790	0.20	1.19	0.80
40357209		0.27	31.9	1450	27.2	1.02	326	20.8	13.6	92	0.025	0.0012	0.002			
40357210		0.74	80.9	4860	30.4	0.64	1705	11.0	20.3	119	0.018	0.0041	0.007			
40357211		0.57	730	5870	32.8	2.17	>10000	36.9	22.9	58	0.026	0.0207	0.164			
40357212		0.13	22.8	524	46.6	1.32	167.5	33.2	14.5	85	0.001	0.0023	0.002			
40357213		0.33	1695	5000	8.1	1.90	>10000	11.1	4.3	27	0.017	0.0070	0.223			
40357213 CRD		0.28	1635	4720	7.6	1.90	>10000	11.2	3.9	25	0.017	0.0028	0.235			
40357214		0.16	1790	6160	6.2	2.10	>10000	10.8	2.6	12	0.028	0.344	0.331			
40357215		0.16	21.4	375	44.4	1.69	175.5	20.3	12.7	75	0.002	0.0459	0.002			
40357216		0.10	20.2	52.7	52.8	2.02	74.4	15.9	14.2	80	0.001	0.0016	0.002			
40357217		0.25	64.0	1115	35.4	3.11	692	6.1	18.3	108	0.020	0.0526	0.222			
40357218		0.11	21.4	52.1	45.6	2.02	93.2	14.4	15.2	79	0.001	0.0017	0.002			
40357219		0.09	18.0	44.7	44.7	1.66	57.8	16.0	13.0	78	0.001	0.0013	0.001			
40357220		0.08	20.0	53.9	49.5	2.05	66.2	16.6	14.2	84	0.001	0.0014	0.002			
40357221		0.09	21.5	50.2	64.7	2.40	68.0	19.3	15.4	93	0.001	0.0016	0.002			
40357222		0.10	22.7	47.1	64.4	2.26	75.9	16.1	16.8	87	0.001	0.0018	0.002			
40357223		0.12	20.8	47.4	38.6	1.69	58.3	15.8	14.4	82	0.001	0.0013	0.002			
40357224		0.08	16.4	41.0	28.8	1.77	48.5	15.6	11.3	74	0.001	0.0012	0.002			
40357225		<0.02	2.4	4.1	11.8	1.44	6.5	50.2	3.3	27	0.001	<0.0005	<0.001			
40357226		0.08	20.8	50.7	36.3	1.99	66.9	18.6	13.4	84	0.001	0.0014	0.002			
40357227		0.09	21.7	49.6	37.6	1.91	75.0	13.1	14.1	79	0.001	0.0016	0.002			
40357228		0.05	2.3	6.3	14.7	1.86	6.1	49.4	2.9	25	0.001	<0.0005	<0.001			
40357229		0.10	24.0	56.7	51.9	2.00	83.2	16.3	15.1	87	0.001	0.0015	0.002			
40357230		0.07	19.3	19.5	20.1	1.14	16.3	11.6	17.7	100	0.001	<0.0005	<0.001			
40357231		0.08	17.9	66.4	48.5	1.98	57.8	25.0	13.4	79	0.001	0.0012	0.001			
40357232		0.11	18.6	52.0	43.3	1.67	56.9	14.2	13.2	74	0.001	0.0012	0.001			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2
40357194																
40357195																
40357196																
40357197																
40357198																
40357199																
40357200																
40357201																
40357202																
40357203																
40357204																
40357205																
40357206																
40357207																
40357208		0.08	<0.01	0.15	0.164	0.05	4.46	49.2	70.3	<0.1	0.16	0.06	6.24	<0.01	33.7	0.5
40357209																
40357210																
40357211		12.60	<0.01	1.60	0.076	0.02	0.610	18.70	26.7	1.7	3.79	0.04	3.22	<0.01	12.50	39.2
40357212																
40357213		2.65	<0.01	0.81	0.181	0.03	0.506	41.0	58.6	0.4	2.16	0.05	7.94	<0.01	30.0	12.5
40357213 CRD		2.63	<0.01	0.76	0.181	0.03	0.488	40.8	58.3	0.4	2.01	0.04	7.95	<0.01	30.4	12.2
40357214		1.87	<0.01	0.39	0.197	0.02	0.633	44.0	62.9	0.3	1.13	0.02	8.63	<0.01	33.0	8.1
40357215																
40357216																
40357217																
40357218																
40357219																
40357220																
40357221																
40357222																
40357223																
40357224																
40357225																
40357226																
40357227																
40357228																
40357229																
40357230																
40357231																
40357232																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP81	ME-ICP81
	Analyte	TiO2	Zn
	Units	%	%
	LOR	0.01	0.002
40357194			
40357195			
40357196			
40357197			
40357198			
40357199			
40357200			
40357201			
40357202			
40357203			
40357204			
40357205			
40357206			
40357207			
40357208		0.04	0.010
40357209			
40357210			
40357211		0.51	0.004
40357212			
40357213		0.14	<0.002
40357213 CRD		0.14	<0.002
40357214		0.10	<0.002
40357215			
40357216			
40357217			
40357218			
40357219			
40357220			
40357221			
40357222			
40357223			
40357224			
40357225			
40357226			
40357227			
40357228			
40357229			
40357230			
40357231			
40357232			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357233		2.80			63.5	14.70	6.55	3.16	2.98	3.20	2.51	0.019	0.56	0.08	0.17	0.05
40357233 CRD		<0.02			64.8	14.95	6.55	3.14	3.03	3.24	2.55	0.020	0.57	0.08	0.18	0.05
40357234		2.42			62.9	15.65	6.86	2.80	2.69	3.63	2.37	0.019	0.55	0.08	0.12	0.05
40357235		0.66			44.9	11.60	22.2	1.90	3.05	2.10	1.89	0.039	0.42	0.06	0.10	0.04
40357236		0.75			67.9	14.85	5.19	1.75	1.68	4.54	1.82	0.012	0.36	0.04	0.09	0.04
40357237		2.50			65.6	15.20	6.22	2.55	2.29	3.74	2.39	0.018	0.49	0.07	0.11	0.04
40357238		2.72			64.0	15.25	6.70	2.80	3.10	3.37	2.68	0.021	0.56	0.08	0.20	0.06
40357239		2.73			65.1	15.55	6.93	2.27	2.49	3.61	2.63	0.017	0.55	0.08	0.12	0.04
40357240		0.26			41.5	17.65	16.25	9.06	6.20	1.83	0.89	0.081	1.28	0.13	0.12	0.04
40357241		2.77	76.5	86.7	62.6	15.50	8.34	2.35	2.79	3.23	2.66	0.019	0.57	0.09	0.12	0.03
40357242		2.90		86.1	67.0	14.95	5.81	3.15	2.79	3.12	2.24	0.019	0.49	0.08	0.13	0.04
40357243		0.70			75.5	13.95	1.42	0.92	0.35	2.73	6.25	0.003	0.09	0.02	0.02	0.03
40357244		2.77			64.1	15.50	6.15	3.73	3.84	3.13	2.74	0.030	0.51	0.09	0.21	0.06
40357245		3.41			63.6	15.45	6.24	3.16	3.15	3.35	2.41	0.026	0.53	0.08	0.14	0.05
40357246		3.59			63.9	15.50	6.70	2.44	3.12	3.31	2.73	0.025	0.54	0.09	0.13	0.04
40357247		3.68			64.0	15.05	5.98	2.75	2.89	3.36	2.99	0.022	0.48	0.08	0.16	0.05
40357248		3.72			63.2	15.25	6.52	3.09	3.14	3.32	2.50	0.023	0.54	0.09	0.13	0.05
40357249		1.63			66.3	15.80	6.07	2.99	2.66	3.73	2.64	0.019	0.50	0.08	0.15	0.05
40357250		1.69			65.8	15.90	6.15	3.01	2.72	3.74	2.65	0.017	0.51	0.08	0.14	0.05
40357251		3.52			66.1	15.00	5.33	2.90	2.57	3.46	2.81	0.022	0.43	0.07	0.13	0.04
40357252		2.41			66.5	14.85	5.08	3.08	2.44	3.71	2.06	0.020	0.42	0.06	0.12	0.04
40357253		0.33			72.2	14.35	2.92	2.20	0.90	3.10	4.79	0.009	0.25	0.03	0.10	0.04
40357253 CRD		<0.02			71.8	14.30	2.94	2.20	0.90	3.07	4.80	0.009	0.26	0.03	0.08	0.04
40357254		3.87			66.1	14.85	6.00	3.26	3.27	3.27	2.86	0.027	0.51	0.08	0.15	0.05
40357255		3.59			65.8	15.50	5.55	3.27	2.94	3.62	2.85	0.023	0.43	0.08	0.13	0.06
40357256		3.21			64.6	15.10	5.42	3.18	3.01	3.73	2.45	0.027	0.43	0.07	0.13	0.05
40357257		3.65			72.5	14.50	2.38	2.45	1.25	4.52	2.21	0.011	0.13	0.04	0.10	0.03
40357258		0.76			65.1	15.95	5.94	3.38	3.39	3.44	2.61	0.034	0.50	0.08	0.16	0.06
40357259		1.31			65.0	19.00	3.09	2.94	0.91	6.05	2.94	0.007	0.22	0.04	0.24	0.04
40357260		1.31			59.7	17.20	7.26	5.71	2.58	3.47	2.78	0.006	0.94	0.11	0.35	0.06
40357261		2.87			68.0	16.30	3.80	2.89	1.57	4.89	2.13	0.005	0.47	0.07	0.23	0.11
40357262		2.75			66.4	16.25	4.15	3.39	1.97	4.69	1.94	0.009	0.58	0.07	0.30	0.12
40357263		1.40			63.8	15.95	4.46	3.33	2.41	4.32	2.17	0.009	0.59	0.07	0.35	0.12
40357264		2.45			74.3	14.45	1.18	1.53	0.30	3.45	5.15	0.004	0.06	0.01	0.08	0.06
40357265		3.60			64.5	15.50	4.95	3.72	2.77	3.75	2.44	0.015	0.60	0.07	0.30	0.11
40357266		3.23			64.4	15.55	6.09	3.25	2.46	3.72	2.42	0.015	0.52	0.08	0.14	0.05
40357267		2.94			62.2	15.35	7.05	3.46	2.81	3.52	2.31	0.020	0.57	0.09	0.16	0.05
40357268		1.65			77.5	12.20	1.65	1.54	0.36	3.61	2.63	0.006	0.09	0.02	0.02	0.02
40357269		1.19			61.3	15.80	7.07	2.77	3.01	3.57	2.16	0.022	0.59	0.08	0.15	0.05
40357270		0.22			44.1	18.60	12.20	9.42	7.22	2.06	1.05	0.346	1.35	0.14	0.15	0.05

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357233		0.08	99.86	2.30	0.31	0.23	678	65.9	130	3.44	2.24	1.24	1.11	17.9	3.27	3.0
40357233 CRD		0.08	101.47	2.23	0.31	0.20	698	68.5	130	3.24	2.15	1.18	1.09	18.0	3.37	3.1
40357234		0.06	98.70	0.92	0.05	0.27	552	51.9	130	4.51	2.26	1.45	0.94	19.2	2.95	3.2
40357235		0.06	98.19	9.83	0.11	13.80	486	32.3	270	3.92	1.79	1.09	0.61	12.7	2.24	2.3
40357236		0.04	99.34	1.03	0.02	0.42	388	54.1	90	4.56	2.16	0.99	0.79	19.1	2.75	3.2
40357237		0.07	99.77	0.98	0.07	0.21	574	52.7	120	4.73	1.96	1.03	0.85	18.2	2.61	3.4
40357238		0.09	99.89	0.98	0.05	0.26	832	77.8	140	4.32	2.59	1.34	1.19	19.7	3.67	3.0
40357239		0.06	100.26	0.81	0.03	0.17	588	55.3	130	5.05	2.20	1.24	0.97	19.8	3.01	3.5
40357240		0.02	98.02	2.97	0.03	2.84	198.5	22.8	600	3.32	2.95	1.67	1.06	18.1	2.84	2.4
40357241		0.06	99.35	0.99	0.08	0.23	574	55.1	140	4.97	2.40	1.40	0.90	18.9	2.94	3.1
40357242		0.08	101.06	1.16	0.09	0.22	722	64.5	140	3.59	2.71	1.40	1.06	19.2	4.05	3.6
40357243		0.09	101.60	0.23	0.03	0.02	827	27.4	20	1.63	0.54	0.12	0.56	15.3	1.61	1.2
40357244		0.10	101.16	0.97	0.05	0.26	905	78.5	230	3.99	2.76	1.48	1.42	19.5	3.98	3.9
40357245		0.07	99.10	0.84	0.02	0.19	653	52.1	180	3.59	2.45	1.27	0.98	20.5	2.99	3.7
40357246		0.07	99.67	1.07	0.03	0.23	673	56.3	180	4.67	2.46	1.34	0.85	21.6	3.43	4.1
40357247		0.07	98.60	0.72	0.03	0.23	694	61.5	160	4.69	2.41	1.06	0.88	20.2	3.70	3.6
40357248		0.07	98.96	1.04	0.06	0.26	645	56.8	170	4.27	2.25	1.40	0.99	20.8	3.45	3.8
40357249		0.07	101.72	0.66	0.03	0.22	635	58.7	120	5.15	2.37	1.20	1.06	21.4	3.14	3.9
40357250		0.07	101.52	0.68	0.03	0.22	646	61.0	120	5.13	2.49	1.23	1.00	20.7	3.36	3.5
40357251		0.06	99.58	0.66	0.04	0.19	569	62.0	150	5.21	2.20	1.26	0.84	20.9	3.27	3.3
40357252		0.05	99.04	0.61	0.03	0.18	490	53.5	150	2.86	1.95	1.04	0.87	20.2	2.96	4.1
40357253		0.18	101.88	0.81	0.15	0.02	1610	138.0	70	1.28	1.54	0.76	0.83	18.3	2.93	6.1
40357253 CRD		0.18	101.41	0.80	0.15	0.02	1675	142.5	60	1.29	1.77	0.85	0.94	19.0	3.05	6.2
40357254		0.08	101.25	0.74	0.04	0.17	732	66.9	190	4.71	2.19	1.38	0.88	19.1	3.21	3.8
40357255		0.07	100.99	0.67	0.04	0.24	643	60.8	160	5.28	2.25	1.15	0.96	20.7	3.47	3.8
40357256		0.06	98.91	0.65	0.04	0.18	562	49.5	180	5.13	2.14	0.99	0.80	20.4	2.96	3.1
40357257		0.03	100.92	0.77	0.06	0.10	252	33.4	80	2.95	1.51	0.60	0.40	19.3	2.13	1.2
40357258		0.05	101.43	0.74	0.02	0.24	489	54.5	240	8.49	2.45	1.25	0.85	20.7	3.07	3.8
40357259		0.03	101.14	0.63	0.05	0.11	261	98.8	40	3.32	4.46	1.70	0.64	25.5	6.64	1.7
40357260		0.11	100.60	0.32	0.06	0.09	981	63.6	50	1.12	6.32	3.89	1.73	23.5	6.86	6.5
40357261		0.11	101.47	0.89	0.09	0.24	965	125.0	40	3.62	1.65	0.67	1.32	23.0	3.09	5.0
40357262		0.10	100.84	0.87	0.08	0.22	936	123.0	50	4.68	2.28	0.89	1.44	23.6	3.94	4.4
40357263		0.11	98.58	0.89	0.06	0.10	958	129.5	60	5.13	2.12	0.94	1.56	24.4	4.59	5.4
40357264		0.13	101.06	0.36	0.07	<0.01	1160	13.3	20	1.43	0.72	0.27	0.62	18.3	1.15	1.6
40357265		0.13	99.79	0.93	0.06	0.22	1135	119.0	100	4.25	2.34	0.86	1.43	21.6	4.31	4.1
40357266		0.07	99.50	0.73	0.04	0.17	663	51.2	100	4.10	2.11	1.19	0.93	20.6	2.99	3.0
40357267		0.06	99.37	1.72	0.24	0.22	596	66.0	140	3.73	2.57	1.34	1.02	20.9	3.43	3.6
40357268		0.04	100.14	0.45	0.08	0.02	339	20.6	40	0.94	0.72	0.29	0.38	16.0	1.12	3.3
40357269		0.05	98.83	2.21	0.17	0.28	478	63.2	150	4.57	2.60	1.37	1.09	22.7	3.63	3.3
40357270		0.04	98.62	1.89	0.06	0.36	337	25.9	2410	2.33	3.32	1.86	1.20	21.3	3.52	2.5

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357233		0.51	33.5	0.18	5.7	28.4	7.90	81.5	4.81	1	363	0.6	0.42	7.16	0.18	2.06
40357233 CRD		0.47	34.7	0.15	5.7	29.6	7.97	82.6	5.32	1	378	0.5	0.43	7.17	0.18	2.05
40357234		0.52	27.3	0.21	5.6	22.7	6.08	70.8	3.81	1	368	0.6	0.42	6.62	0.16	1.77
40357235		0.42	16.0	0.14	4.5	14.7	3.89	64.7	2.71	2	308	0.5	0.32	4.50	0.16	1.64
40357236		0.41	28.8	0.11	10.9	21.4	6.28	74.4	3.76	1	333	1.1	0.40	14.80	0.13	4.87
40357237		0.46	27.8	0.18	6.3	21.0	5.81	85.1	3.43	1	336	0.7	0.35	8.12	0.16	2.53
40357238		0.53	38.4	0.22	6.7	33.9	9.31	88.8	5.58	1	454	0.6	0.44	8.43	0.18	2.20
40357239		0.49	28.6	0.20	6.9	23.6	6.49	93.4	3.98	1	313	0.7	0.42	8.21	0.17	2.88
40357240		0.62	10.5	0.20	6.9	13.5	3.14	31.2	3.10	2	369	0.5	0.48	1.18	0.25	0.42
40357241		0.53	27.9	0.21	6.5	23.4	6.35	89.2	4.43	1	280	0.6	0.42	8.54	0.21	7.13
40357242		0.50	34.6	0.19	8.5	27.3	7.90	78.6	4.77	1	393	0.6	0.51	10.35	0.21	2.66
40357243		0.06	13.2	0.01	5.8	11.7	3.43	120.5	2.75	1	269	0.4	0.16	9.57	0.01	4.03
40357244		0.48	39.9	0.18	7.2	35.4	9.89	94.3	6.19	2	570	0.6	0.51	9.37	0.20	2.49
40357245		0.44	25.4	0.16	5.9	22.1	5.83	75.5	3.82	1	387	0.6	0.38	7.17	0.18	1.99
40357246		0.43	27.7	0.20	7.5	24.2	6.55	93.2	4.23	2	338	0.6	0.44	9.52	0.17	3.59
40357247		0.42	30.4	0.16	7.9	25.8	6.85	105.5	4.50	2	375	0.7	0.45	10.35	0.15	2.60
40357248		0.49	28.2	0.19	6.2	24.4	6.47	84.8	4.13	1	388	0.5	0.48	7.85	0.19	2.10
40357249		0.43	28.8	0.19	7.9	25.3	6.79	99.3	4.20	2	410	0.7	0.41	8.92	0.17	4.79
40357250		0.49	30.0	0.15	7.9	26.0	6.95	99.9	4.37	2	418	0.6	0.48	9.12	0.16	5.60
40357251		0.47	30.7	0.16	6.9	25.7	7.02	107.0	4.36	2	369	0.7	0.46	12.90	0.18	3.40
40357252		0.38	27.0	0.12	5.7	22.1	5.88	86.7	3.46	1	386	0.5	0.39	11.45	0.15	2.18
40357253		0.27	76.8	0.14	5.7	40.3	13.20	95.0	4.48	1	309	0.5	0.35	23.1	0.09	2.16
40357253 CRD		0.35	79.0	0.13	5.9	42.5	13.85	99.9	5.06	1	325	0.5	0.31	24.1	0.11	2.27
40357254		0.47	33.7	0.21	5.9	27.2	7.25	93.2	4.12	1	409	0.5	0.45	10.10	0.19	2.21
40357255		0.44	28.9	0.17	6.2	26.7	7.07	87.2	4.72	1	468	0.6	0.44	8.96	0.17	3.99
40357256		0.40	23.6	0.13	6.8	22.5	5.87	96.6	3.45	2	424	0.5	0.35	6.21	0.16	3.41
40357257		0.26	15.6	0.06	4.6	13.8	3.96	67.2	2.83	1	270	0.5	0.33	8.95	0.07	7.13
40357258		0.40	25.8	0.15	6.1	25.0	6.41	138.0	4.14	1	458	0.5	0.39	6.58	0.17	3.19
40357259		0.73	44.2	0.18	7.6	41.9	11.40	84.5	8.54	2	299	0.7	0.91	31.9	0.19	7.97
40357260		1.28	27.3	0.48	12.1	35.6	8.53	91.6	7.44	2	476	0.6	1.03	3.57	0.49	1.73
40357261		0.28	63.3	0.09	8.4	47.8	13.75	78.4	5.77	2	875	0.6	0.38	10.05	0.10	2.81
40357262		0.35	60.4	0.10	10.9	51.9	14.05	91.8	6.62	2	1025	0.8	0.46	9.63	0.09	2.82
40357263		0.38	62.6	0.12	10.1	52.0	14.65	100.5	7.17	2	1000	0.7	0.46	9.13	0.11	2.63
40357264		0.12	6.8	0.03	1.9	6.0	1.59	84.5	1.31	1	498	0.3	0.12	2.88	0.03	3.88
40357265		0.40	57.6	0.13	7.8	50.2	13.70	89.8	7.47	1	925	0.5	0.49	9.46	0.11	4.80
40357266		0.47	25.4	0.18	5.7	22.1	5.92	80.6	3.65	1	406	0.6	0.36	7.43	0.17	2.70
40357267		0.49	32.6	0.18	6.1	29.1	7.57	77.2	4.38	1	387	0.5	0.46	9.99	0.21	2.54
40357268		0.12	9.7	0.04	3.9	8.2	2.32	48.0	1.72	1	209	0.5	0.13	6.46	0.04	8.95
40357269		0.47	30.2	0.18	8.2	28.5	7.42	93.3	4.91	3	396	0.7	0.44	9.00	0.18	3.77
40357270		0.73	11.3	0.26	7.4	14.9	3.43	32.4	3.19	2	368	0.5	0.55	1.29	0.26	0.35

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357233		105	1	12.2	1.16	125	3.5	0.16	<0.005	0.034	0.001	0.05	0.3	0.03	0.21	0.30
40357233 CRD		105	<1	12.3	1.21	129	3.1	0.16	<0.005	0.033	0.001	0.05	0.3	0.04	0.21	0.22
40357234		114	1	12.8	1.24	131	0.7	0.18	<0.005	0.037	0.001	<0.05	0.6	0.07	0.40	0.14
40357235		95	1	9.7	0.97	88	0.9	13.20	<0.005	0.098	0.033	0.12	37.6	2.41	0.60	2.00
40357236		63	1	10.4	0.72	114	0.1	0.06	<0.005	0.019	0.001	<0.05	0.5	0.02	0.40	0.11
40357237		96	<1	11.3	1.27	138	0.2	0.10	<0.005	0.032	0.001	<0.05	0.2	0.04	0.46	0.09
40357238		117	<1	13.2	1.24	126	0.1	0.10	<0.005	0.036	0.001	<0.05	0.3	0.03	0.47	0.10
40357239		111	1	12.8	1.35	138	0.1	0.14	<0.005	0.036	0.001	<0.05	0.2	0.03	0.48	0.08
40357240		169	1	15.8	1.52	92	15.9	0.76	0.028	0.076	0.023	0.50	6.8	0.40	1.01	2.49
40357241		124	1	13.4	1.24	123	0.3	0.43	<0.005	0.039	0.001	0.05	0.3	0.03	0.41	0.09
40357242		103	2	13.1	1.27	146	0.3	0.17	<0.005	0.032	<0.001	<0.05	0.2	0.03	0.33	0.08
40357243		8	4	2.0	0.16	34	0.2	0.04	<0.005	0.009	<0.001	<0.05	<0.2	<0.01	0.09	0.02
40357244		106	4	12.7	1.26	153	<0.1	0.16	<0.005	0.030	0.001	<0.05	0.2	0.03	0.45	0.11
40357245		116	<1	11.5	1.24	140	0.1	0.14	<0.005	0.031	0.001	<0.05	0.3	0.04	0.44	0.08
40357246		119	<1	12.0	1.19	154	0.2	0.15	<0.005	0.042	0.001	<0.05	0.4	0.05	0.50	0.09
40357247		103	<1	11.2	1.19	131	0.1	0.15	<0.005	0.038	0.001	<0.05	0.3	0.03	0.60	0.09
40357248		126	1	12.5	1.37	141	0.2	0.14	<0.005	0.035	0.001	<0.05	0.3	0.04	0.44	0.09
40357249		106	2	11.4	1.18	144	0.1	0.13	<0.005	0.035	0.001	<0.05	0.3	0.03	0.57	0.10
40357250		107	1	11.5	1.16	137	0.1	0.13	<0.005	0.037	<0.001	<0.05	0.3	0.03	0.57	0.09
40357251		91	<1	11.3	1.05	123	0.2	0.12	<0.005	0.029	0.001	<0.05	0.3	0.03	0.55	0.10
40357252		89	<1	9.8	1.08	147	0.1	0.08	<0.005	0.023	0.001	<0.05	0.2	0.03	0.52	0.10
40357253		25	1	7.7	0.93	241	1.5	0.05	<0.005	0.012	<0.001	<0.05	<0.2	0.01	0.19	0.02
40357253 CRD		28	1	7.7	0.83	247	1.6	0.05	<0.005	0.012	<0.001	<0.05	<0.2	<0.01	0.19	0.04
40357254		106	1	11.7	1.14	134	<0.1	0.16	<0.005	0.023	<0.001	<0.05	0.3	0.03	0.47	0.08
40357255		95	1	11.0	0.97	130	0.1	0.17	<0.005	0.024	0.002	<0.05	0.2	0.02	0.46	0.10
40357256		93	<1	10.0	1.03	110	0.1	0.12	<0.005	0.027	0.001	<0.05	0.3	0.02	0.54	0.09
40357257		22	<1	7.1	0.50	35	0.2	0.16	<0.005	0.012	<0.001	<0.05	<0.2	0.01	0.23	0.10
40357258		96	<1	11.5	1.08	143	0.1	0.17	<0.005	0.027	<0.001	<0.05	0.3	0.02	0.79	0.11
40357259		31	2	18.6	0.88	49	0.2	0.13	<0.005	0.021	<0.001	<0.05	0.2	0.01	0.29	0.09
40357260		126	<1	33.2	3.37	255	0.4	0.01	<0.005	0.030	<0.001	<0.05	0.3	0.01	0.28	0.04
40357261		47	1	7.5	0.53	217	0.1	0.11	<0.005	0.024	<0.001	<0.05	<0.2	<0.01	0.35	0.11
40357262		63	1	8.9	0.69	178	0.1	0.09	<0.005	0.026	<0.001	<0.05	<0.2	<0.01	0.47	0.10
40357263		68	<1	9.7	0.84	221	0.1	0.14	<0.005	0.027	<0.001	<0.05	<0.2	<0.01	0.48	0.07
40357264		7	<1	3.2	0.25	46	0.2	0.06	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.05	0.03
40357265		78	1	10.0	0.87	170	0.1	0.16	<0.005	0.021	<0.001	<0.05	<0.2	0.01	0.41	0.09
40357266		102	<1	11.2	1.16	119	0.1	0.12	<0.005	0.024	<0.001	<0.05	0.3	0.02	0.40	0.10
40357267		114	1	12.7	1.21	141	0.5	0.17	<0.005	0.033	0.001	<0.05	0.2	0.03	0.31	0.08
40357268		15	1	3.1	0.26	87	0.2	0.04	<0.005	0.009	<0.001	0.05	<0.2	<0.01	0.04	0.05
40357269		117	1	12.2	1.19	125	1.1	0.18	<0.005	0.043	0.001	0.05	0.3	0.02	0.34	0.10
40357270		179	1	17.4	1.69	99	5.8	0.18	<0.005	0.029	0.003	0.42	1.1	0.05	0.41	0.51

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
40357233		0.12	21.7	539	55.5	1.84	90.4	17.0	13.3	83	0.001	0.0013	0.002			
40357233 CRD		0.12	20.2	414	53.5	1.70	83.2	16.9	13.3	82	0.001	0.0015	0.002			
40357234		0.12	24.4	285	48.9	1.82	163.5	17.9	16.0	81	0.001	0.0020	0.002			
40357235		0.48	2240	8230	35.1	1.82	2620	23.4	14.0	81	0.060	0.0695	0.081			
40357236		0.11	16.0	294	36.8	1.30	47.0	39.7	8.8	75	0.001	0.0010	0.001			
40357237		0.08	20.2	78.0	41.4	2.12	56.0	19.2	12.5	73	0.001	0.0013	0.001			
40357238		0.09	22.2	51.6	50.5	1.63	78.4	14.8	15.2	80	0.001	0.0016	0.002			
40357239		0.11	20.6	50.9	52.9	2.13	60.1	16.7	14.9	80	0.001	0.0015	0.002			
40357240		0.67	172.5	8350	38.4	9.14	3940	11.7	17.2	111	0.161	0.353	>1.00	0.18	0.27	1.54
40357241		0.10	21.5	54.8	49.7	2.22	67.2	18.3	16.2	81	0.001	0.0017	0.002			
40357242		0.11	19.6	46.3	37.9	1.77	55.7	15.2	13.3	79	0.001	0.0013	0.001			
40357243		0.02	1.9	3.7	11.4	1.07	3.8	50.7	2.6	20	0.001	<0.0005	<0.001			
40357244		0.10	22.6	60.9	40.7	1.64	84.3	17.2	14.5	75	0.001	0.0015	0.002			
40357245		0.09	21.6	49.4	46.7	1.84	71.2	14.0	14.2	79	0.001	0.0015	0.002			
40357246		0.12	22.8	55.2	61.8	2.16	75.8	17.8	15.7	95	0.001	0.0016	0.002			
40357247		0.09	19.8	48.1	44.8	2.49	66.5	19.6	13.8	85	0.001	0.0013	0.001			
40357248		0.09	24.2	59.6	42.3	2.99	75.4	14.7	16.8	85	0.001	0.0016	0.002			
40357249		0.05	18.9	43.0	38.7	1.69	55.3	17.2	13.4	79	0.001	0.0012	0.001			
40357250		0.07	19.6	44.2	40.8	1.49	59.2	18.9	14.0	83	0.001	0.0012	0.001			
40357251		0.06	17.7	38.5	32.5	1.78	64.0	19.9	12.0	73	0.001	0.0011	0.001			
40357252		0.06	17.5	39.4	31.9	5.98	65.2	15.5	11.5	71	0.001	0.0013	0.001			
40357253		0.02	4.7	8.4	18.1	2.00	16.7	23.8	3.2	35	0.001	0.0010	0.001			
40357253 CRD		0.03	4.7	7.8	18.0	1.82	16.6	22.6	3.1	35	0.001	0.0008	0.001			
40357254		0.09	20.3	42.6	36.1	1.67	76.2	15.2	13.1	75	0.001	0.0013	0.001			
40357255		0.08	19.6	44.6	33.8	2.56	75.0	21.0	12.6	69	0.001	0.0012	0.001			
40357256		0.06	18.9	40.0	40.5	1.73	77.6	16.6	12.8	75	0.001	0.0012	0.001			
40357257		0.08	6.1	25.1	21.7	5.19	20.5	24.1	4.2	37	0.001	<0.0005	<0.001			
40357258		0.12	22.0	53.3	49.5	2.05	85.8	12.3	13.0	88	0.001	0.0012	0.001			
40357259		0.09	6.5	27.4	24.1	0.85	22.9	36.3	6.1	46	0.001	0.0006	0.001			
40357260		0.10	18.4	18.2	16.6	1.17	18.9	12.5	16.0	88	0.001	<0.0005	0.001			
40357261		0.04	8.6	19.8	30.9	0.73	20.9	21.6	5.1	85	0.001	<0.0005	<0.001			
40357262		0.05	10.9	9.6	42.2	1.05	32.1	18.7	6.7	87	0.001	<0.0005	<0.001			
40357263		0.05	13.1	5.1	64.2	0.82	47.1	17.6	8.4	81	0.001	<0.0005	0.001			
40357264		0.03	1.3	0.6	10.5	1.25	3.6	36.0	1.3	13	0.001	<0.0005	<0.001			
40357265		0.15	15.3	22.2	40.0	1.20	61.8	18.1	9.2	75	0.001	0.0007	0.001			
40357266		0.09	18.1	38.0	40.1	1.66	45.6	15.1	13.1	75	0.002	0.0011	0.001			
40357267		0.08	20.5	49.2	52.3	1.63	62.0	16.5	13.9	80	0.002	0.0013	0.001			
40357268		0.06	2.6	7.5	12.9	1.48	8.0	34.1	2.7	19	0.001	<0.0005	<0.001			
40357269		0.06	21.7	90.3	60.1	1.93	73.5	15.7	15.2	90	0.001	0.0017	0.002			
40357270		0.27	65.3	1095	36.0	2.89	686	6.1	18.5	106	0.022	0.0462	0.217			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2
40357233 40357233 CRD 40357234 40357235 40357236		11.30	0.01	1.64	0.229	0.03	0.821	15.95	22.8	1.5	3.02	0.06	0.263	<0.01	13.10	45.1
40357237 40357238 40357239 40357240 40357241																
40357242 40357243 40357244 40357245 40357246																
40357247 40357248 40357249 40357250 40357251																
40357252 40357253 40357253 CRD 40357254 40357255																
40357256 40357257 40357258 40357259 40357260																
40357261 40357262 40357263 40357264 40357265																
40357266 40357267 40357268 40357269 40357270																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP81	ME-ICP81
	Analyte	TiO2	Zn
	Units	%	%
	LOR	0.01	0.002
40357233			
40357233 CRD			
40357234			
40357235		0.43	0.009
40357236			
40357237			
40357238			
40357239			
40357240			
40357241			
40357242			
40357243			
40357244			
40357245			
40357246			
40357247			
40357248			
40357249			
40357250			
40357251			
40357252			
40357253			
40357253 CRD			
40357254			
40357255			
40357256			
40357257			
40357258			
40357259			
40357260			
40357261			
40357262			
40357263			
40357264			
40357265			
40357266			
40357267			
40357268			
40357269			
40357270			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357271		2.68			75.4	12.55	1.22	1.01	0.22	3.22	4.67	0.005	0.06	0.01	0.03	0.02
40357272		1.23			68.3	13.70	6.39	2.01	2.42	3.28	2.54	0.016	0.43	0.07	0.10	0.03
40357273		2.86			75.5	12.80	0.92	0.82	0.15	3.11	5.21	0.003	0.05	0.01	<0.01	0.02
40357273 CRD		<0.02			76.1	12.80	0.93	0.82	0.14	3.16	5.10	0.004	0.03	0.01	0.02	0.02
40357274		1.74			74.0	13.65	1.29	0.83	0.25	3.09	5.97	0.003	0.07	0.02	0.02	0.02
40357275		2.52			74.4	12.95	1.48	0.63	0.31	2.65	6.21	0.004	0.08	0.02	0.02	0.02
40357276		3.39			65.2	15.85	7.40	2.21	2.67	4.06	2.85	0.018	0.56	0.09	0.11	0.03
40357277		3.53			61.0	15.90	7.40	2.45	2.94	3.83	2.86	0.020	0.59	0.09	0.12	0.04
40357278		2.93			63.8	15.60	6.65	2.34	2.85	3.48	2.74	0.014	0.54	0.09	0.17	0.04
40357279		0.88			64.9	15.50	6.54	2.34	3.14	3.73	2.39	0.020	0.56	0.08	0.14	0.05
40357280		0.92			64.8	15.70	6.50	2.40	2.89	3.88	2.32	0.018	0.55	0.08	0.14	0.05
40357281		1.76			65.2	15.65	6.66	2.96	2.64	3.62	2.24	0.019	0.54	0.08	0.14	0.04
40357282		0.55			67.5	15.70	4.63	3.10	1.98	4.27	1.62	0.014	0.35	0.05	0.13	0.05
40357283		3.10			64.5	14.55	7.08	3.64	3.56	2.92	2.09	0.026	0.54	0.10	0.16	0.04
40357284		3.66			65.1	14.50	6.65	3.44	3.03	3.00	2.04	0.022	0.53	0.09	0.15	0.05
40357285		3.62			64.7	14.60	6.66	3.53	3.06	2.83	2.16	0.023	0.54	0.10	0.16	0.05
40357286		3.41			64.4	15.45	7.03	2.89	3.52	3.03	2.70	0.025	0.58	0.10	0.19	0.04
40357287		3.68			59.9	16.75	7.21	3.08	2.85	4.04	2.30	0.022	0.64	0.08	0.15	0.04
40357288		3.60			65.9	16.45	5.92	3.76	2.41	3.64	2.21	0.021	0.56	0.07	0.15	0.05
40357289		3.38	77.4	87.6	66.3	14.60	6.44	3.19	2.77	2.93	2.31	0.019	0.52	0.09	0.14	0.04
40357290		1.17		87.3	61.2	16.75	7.06	5.17	2.48	3.46	2.40	0.009	0.80	0.10	0.25	0.05
40357291		1.29			67.4	16.25	5.47	2.64	1.39	4.94	1.76	0.011	0.34	0.05	0.04	0.03
40357292		3.55			66.5	14.70	6.66	3.10	2.53	2.98	2.36	0.019	0.54	0.08	0.14	0.05
40357293		3.63			64.8	14.60	7.31	2.76	2.68	3.23	2.42	0.022	0.56	0.09	0.13	0.03
40357293 CRD		<0.02			65.1	14.95	7.43	2.82	2.74	3.31	2.48	0.022	0.58	0.09	0.14	0.03
40357294		3.52			65.2	15.35	6.67	3.28	2.63	3.12	2.38	0.020	0.57	0.09	0.14	0.04
40357295		3.75			65.1	15.05	6.94	3.09	2.66	3.18	2.35	0.021	0.56	0.09	0.14	0.04
40357296		3.66			63.1	15.65	7.38	2.60	2.75	3.44	2.91	0.021	0.60	0.08	0.12	0.03
40357297		2.94			64.7	15.40	6.57	2.61	2.47	3.67	2.57	0.018	0.54	0.08	0.13	0.04
40357298		3.86			62.3	15.50	7.43	2.17	2.59	3.67	2.93	0.019	0.55	0.08	0.10	0.03
40357299		2.79			67.9	14.75	6.20	3.26	2.50	3.12	2.10	0.020	0.52	0.09	0.12	0.04
40357300		0.24			45.7	18.85	12.55	9.69	7.57	2.13	1.08	0.355	1.33	0.15	0.15	0.04
40357301		2.25			66.0	14.65	5.90	3.06	2.19	3.47	2.05	0.017	0.48	0.08	0.13	0.04
40357302		0.61			57.1	13.65	7.58	6.60	5.78	2.31	1.98	0.036	0.59	0.13	0.32	0.06
40357303		1.31			73.6	12.70	2.58	0.94	0.70	2.33	5.86	0.005	0.17	0.02	0.04	0.03
40357304		1.97			66.9	14.75	5.70	2.97	2.50	3.36	2.28	0.018	0.46	0.07	0.16	0.05
40357305		1.36			53.7	13.35	7.60	7.60	9.31	2.06	2.28	0.101	0.57	0.13	0.45	0.10
40357306		3.81			61.9	15.50	6.60	3.19	3.10	3.42	2.41	0.027	0.54	0.08	0.15	0.04
40357307		3.50			65.2	15.00	6.21	3.10	2.86	3.40	2.49	0.023	0.52	0.08	0.14	0.05

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357271		0.05	98.99	0.52	0.11	0.01	493	37.1	30	1.08	0.81	0.25	0.40	14.6	1.85	1.9
40357272		0.04	100.17	0.84	0.06	0.16	344	77.7	110	8.02	2.97	1.36	0.75	20.8	4.84	3.2
40357273		0.06	99.02	0.37	0.09	0.01	482	19.8	20	1.28	0.76	0.23	0.28	13.0	1.16	2.3
40357273 CRD		0.06	99.69	0.50	0.08	<0.01	514	22.0	20	1.30	0.77	0.32	0.40	14.8	1.38	2.2
40357274		0.06	99.69	0.42	0.08	0.01	555	10.6	20	1.72	0.70	0.35	0.37	14.3	0.74	1.3
40357275		0.07	99.05	0.21	0.03	0.01	602	19.3	30	2.33	1.29	0.42	0.41	14.1	1.48	2.4
40357276		0.05	101.85	0.75	0.04	0.17	388	58.4	130	7.88	2.35	1.13	0.84	20.7	3.21	3.7
40357277		0.07	98.11	0.80	0.06	0.18	635	49.4	150	5.75	2.63	1.60	1.03	20.3	3.50	3.1
40357278		0.08	99.46	1.07	0.04	0.21	679	55.6	110	5.05	2.73	1.58	1.02	19.5	3.26	3.6
40357279		0.07	100.52	1.06	0.06	0.18	590	52.6	130	4.31	2.30	1.16	1.05	19.2	3.16	3.2
40357280		0.07	100.37	0.97	0.04	0.15	616	55.5	130	4.28	2.30	1.32	1.08	19.8	3.04	3.6
40357281		0.07	100.51	0.65	0.03	0.16	593	46.7	140	4.18	2.29	1.40	1.00	19.8	3.22	3.6
40357282		0.05	100.09	0.65	0.04	0.12	444	40.5	100	2.54	2.13	1.20	1.24	19.5	2.71	3.2
40357283		0.06	100.00	0.73	0.03	0.20	538	52.9	190	3.42	2.38	1.19	1.05	17.9	3.37	3.8
40357284		0.07	99.44	0.77	0.03	0.27	611	55.7	170	3.31	2.37	1.34	1.03	17.9	3.12	3.9
40357285		0.08	99.53	1.04	0.03	0.27	638	53.4	170	2.97	2.28	1.39	0.99	17.6	3.00	3.8
40357286		0.09	101.43	1.38	0.04	0.19	739	62.3	170	3.99	2.59	1.37	1.21	18.4	3.75	3.3
40357287		0.08	98.43	1.29	0.05	0.21	713	66.1	160	4.36	2.74	1.52	1.20	21.5	3.35	3.7
40357288		0.07	101.84	0.63	0.03	0.21	625	65.6	150	5.01	2.42	1.41	1.18	20.4	3.75	3.6
40357289		0.06	100.13	0.72	0.02	0.20	506	53.1	150	4.16	2.36	1.05	0.91	18.1	3.04	3.4
40357290		0.09	100.31	0.49	0.06	0.15	777	56.9	70	1.87	5.05	2.86	1.48	21.0	5.75	5.8
40357291		0.02	101.06	0.72	0.05	0.46	138.0	55.2	80	3.97	1.31	0.45	0.65	24.8	3.28	7.1
40357292		0.06	100.41	0.69	0.02	0.32	548	66.3	140	3.85	2.42	1.14	0.96	17.5	3.31	5.0
40357293		0.07	99.43	0.73	0.03	0.42	581	72.2	160	4.07	2.78	1.50	1.23	17.5	3.55	4.9
40357293 CRD		0.07	100.41	0.65	0.02	0.42	599	72.1	160	4.23	2.63	1.50	1.11	18.3	3.75	4.9
40357294		0.08	100.46	0.89	0.02	0.25	690	54.9	150	3.53	2.64	1.57	0.98	19.3	3.27	3.7
40357295		0.07	100.01	0.72	0.03	0.33	578	66.6	150	3.82	2.76	1.56	1.07	18.5	3.55	4.0
40357296		0.06	99.57	0.83	0.02	0.22	560	63.3	150	5.71	2.51	1.19	0.93	22.0	3.62	4.1
40357297		0.06	99.38	0.52	0.02	0.20	535	52.5	130	4.89	2.61	1.35	0.93	18.9	3.32	3.6
40357298		0.07	98.07	0.63	0.02	0.18	526	58.1	120	5.68	2.45	1.14	0.94	20.6	4.03	3.6
40357299		0.07	101.42	0.73	0.04	0.25	608	55.7	140	3.84	2.40	1.16	0.89	17.9	3.22	4.3
40357300		0.04	101.60	1.96	0.05	0.35	321	26.1	2460	2.35	3.50	2.10	1.19	20.4	3.91	2.8
40357301		0.07	98.84	0.70	0.03	0.26	614	59.9	120	3.66	2.50	1.34	0.85	19.1	3.29	4.7
40357302		0.06	98.05	1.85	0.28	0.16	547	102.5	260	6.34	3.18	1.46	1.88	16.8	5.68	4.1
40357303		0.09	99.43	0.36	0.04	0.02	799	123.0	40	2.44	1.83	0.49	0.69	15.1	6.84	2.3
40357304		0.06	100.29	1.01	0.07	0.19	565	65.4	130	4.41	2.32	1.06	0.79	19.0	3.65	3.7
40357305		0.13	100.00	2.62	0.40	0.17	1090	107.5	740	8.28	3.09	1.29	2.20	16.8	6.16	3.2
40357306		0.06	98.67	1.65	0.16	0.16	549	59.6	190	3.93	2.37	1.26	1.02	20.2	3.78	3.6
40357307		0.08	100.26	1.11	0.08	0.19	685	58.2	170	3.83	2.26	1.06	1.03	19.3	3.16	3.8

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357271		0.12	17.1	0.01	2.8	15.1	4.28	98.6	2.90	2	219	0.3	0.19	13.90	0.02	6.82
40357272		0.46	34.2	0.17	8.0	34.4	9.14	131.5	6.86	4	303	0.6	0.63	22.7	0.15	11.15
40357273		0.13	8.7	0.03	1.7	7.8	2.28	100.0	1.45	1	197.0	0.2	0.16	8.26	0.03	27.8
40357273 CRD		0.12	10.0	0.02	1.7	9.2	2.55	107.5	1.82	1	216	0.2	0.19	9.68	0.03	30.2
40357274		0.13	4.8	0.03	3.5	4.3	1.21	117.5	1.04	1	209	0.5	0.11	6.25	0.04	45.5
40357275		0.20	8.9	0.06	4.4	8.2	2.29	132.0	2.20	2	210	0.4	0.22	13.40	0.06	107.0
40357276		0.43	30.3	0.15	9.8	24.5	6.62	143.0	4.29	3	255	0.6	0.46	10.75	0.14	5.03
40357277		0.54	24.7	0.23	6.2	21.1	5.74	104.0	3.89	1	299	0.5	0.46	7.40	0.22	2.43
40357278		0.53	28.4	0.22	6.7	23.1	6.41	99.6	4.08	2	374	0.7	0.47	9.31	0.19	4.06
40357279		0.50	26.3	0.17	5.9	22.6	5.98	74.6	3.82	2	357	0.4	0.43	7.94	0.18	2.54
40357280		0.46	28.0	0.23	6.5	23.5	6.27	74.1	4.11	1	388	0.5	0.46	9.16	0.20	2.64
40357281		0.46	23.1	0.20	6.0	20.5	5.33	68.8	3.72	1	339	0.4	0.42	6.68	0.21	2.23
40357282		0.45	20.8	0.15	5.3	17.3	4.57	46.2	3.13	1	384	0.5	0.37	7.12	0.15	4.01
40357283		0.54	26.7	0.20	5.4	23.2	5.96	65.8	3.89	1	338	0.4	0.44	7.34	0.18	2.38
40357284		0.46	28.5	0.20	5.5	24.1	6.58	66.1	3.95	1	391	0.4	0.45	7.69	0.20	2.25
40357285		0.46	27.1	0.18	5.3	22.7	6.10	70.7	4.05	1	417	0.4	0.43	7.01	0.18	2.65
40357286		0.49	30.0	0.19	5.8	28.4	7.24	93.9	4.71	2	338	0.9	0.46	7.31	0.22	2.37
40357287		0.55	35.0	0.22	7.0	26.9	7.26	87.7	4.52	1	372	0.5	0.47	8.87	0.21	2.67
40357288		0.52	35.2	0.15	6.2	26.9	7.35	89.4	4.18	1	423	0.5	0.51	8.87	0.19	3.22
40357289		0.47	27.4	0.17	5.3	21.6	6.01	73.6	3.54	1	323	0.4	0.42	7.58	0.19	2.13
40357290		1.02	26.1	0.37	9.7	29.9	7.23	80.7	6.05	1	446	0.5	0.87	5.05	0.42	1.85
40357291		0.21	25.8	0.06	16.9	23.3	6.37	81.0	4.94	5	260	1.0	0.33	18.35	0.06	25.1
40357292		0.40	35.2	0.21	6.8	26.9	7.28	79.7	4.27	1	374	0.5	0.44	10.90	0.18	2.99
40357293		0.64	39.0	0.20	6.5	29.2	7.93	75.9	4.65	1	291	0.5	0.53	11.45	0.22	3.39
40357293 CRD		0.53	38.6	0.25	6.4	28.4	7.75	77.4	4.97	1	296	0.6	0.46	10.95	0.22	3.41
40357294		0.51	27.5	0.23	6.2	22.9	6.18	78.0	4.16	1	327	0.5	0.50	8.42	0.21	2.71
40357295		0.57	34.2	0.21	6.5	27.3	7.24	76.2	4.65	1	328	0.4	0.47	10.55	0.21	3.38
40357296		0.49	31.7	0.19	10.7	27.0	7.22	133.0	5.13	3	292	0.8	0.50	12.00	0.20	3.33
40357297		0.47	27.4	0.18	6.1	22.7	6.04	93.7	3.77	1	314	0.6	0.48	8.21	0.20	3.31
40357298		0.45	29.1	0.15	8.7	24.4	6.64	114.5	4.43	2	241	0.6	0.45	10.65	0.16	5.09
40357299		0.50	28.5	0.20	5.8	22.3	6.28	66.5	3.88	1	339	0.5	0.46	8.89	0.20	3.09
40357300		0.74	11.7	0.26	7.6	15.5	3.49	32.4	3.41	2	375	0.4	0.55	1.34	0.29	0.34
40357301		0.41	31.1	0.15	7.1	24.4	6.71	72.4	4.01	2	356	0.5	0.45	10.00	0.18	2.74
40357302		0.65	45.3	0.20	9.2	51.6	13.00	94.9	8.44	1	503	0.6	0.70	6.59	0.22	1.87
40357303		0.23	54.8	0.03	8.2	52.8	14.85	121.0	11.00	2	263	0.5	0.66	46.1	0.05	3.82
40357304		0.45	32.8	0.15	6.8	27.8	7.58	94.5	4.68	2	397	0.6	0.44	10.75	0.15	3.99
40357305		0.52	45.8	0.14	7.4	58.4	14.15	90.4	9.28	2	811	0.5	0.59	5.25	0.20	2.16
40357306		0.42	29.6	0.17	7.4	26.5	7.12	94.8	4.58	2	363	0.5	0.51	10.20	0.18	2.27
40357307		0.39	29.9	0.16	6.2	24.2	6.39	87.7	4.52	1	394	0.6	0.40	8.94	0.20	2.40

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357271		7	<1	2.7	0.15	49	0.1	0.06	<0.005	0.007	<0.001	<0.05	<0.2	<0.01	0.02	0.05
40357272		105	<1	12.7	1.07	106	0.2	0.12	<0.005	0.051	0.001	<0.05	0.3	0.02	0.74	0.08
40357273		<5	<1	2.7	0.24	60	0.2	0.05	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	0.03	0.04
40357273 CRD		<5	1	2.7	0.16	57	0.1	0.06	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.03	0.04
40357274		5	<1	2.7	0.23	36	0.2	0.06	<0.005	0.008	<0.001	<0.05	<0.2	<0.01	0.04	0.04
40357275		8	<1	4.2	0.32	66	0.1	0.05	<0.005	0.010	<0.001	<0.05	<0.2	<0.01	0.10	0.04
40357276		125	<1	10.9	1.08	132	0.2	0.12	<0.005	0.050	<0.001	<0.05	0.3	0.03	0.87	0.10
40357277		145	1	13.5	1.52	117	<0.1	0.12	<0.005	0.042	0.001	<0.05	0.2	0.03	0.65	0.10
40357278		126	<1	13.5	1.37	139	0.1	0.15	<0.005	0.036	0.001	<0.05	0.2	0.03	0.46	0.08
40357279		118	5	12.0	1.22	125	0.1	0.25	<0.005	0.035	0.001	<0.05	0.2	0.02	0.41	0.10
40357280		121	1	12.2	1.35	129	0.1	0.18	<0.005	0.034	0.001	<0.05	0.2	0.02	0.40	0.07
40357281		124	<1	12.6	1.36	131	0.1	0.21	<0.005	0.038	0.001	<0.05	0.2	0.03	0.40	0.09
40357282		77	<1	10.9	1.08	110	0.2	0.13	<0.005	0.025	<0.001	0.05	0.2	0.02	0.23	0.06
40357283		134	<1	12.3	1.32	142	0.1	0.17	<0.005	0.028	<0.001	<0.05	0.2	0.03	0.34	0.08
40357284		122	<1	12.5	1.19	139	0.2	0.17	<0.005	0.027	0.001	<0.05	0.2	0.03	0.32	0.10
40357285		119	<1	12.3	1.30	135	0.1	0.18	<0.005	0.021	0.001	0.06	0.3	0.03	0.28	0.11
40357286		126	<1	13.1	1.15	127	0.1	0.14	<0.005	0.029	0.001	<0.05	0.3	0.02	0.41	0.07
40357287		150	<1	13.6	1.33	143	0.1	0.14	<0.005	0.037	0.001	<0.05	0.3	0.03	0.50	0.10
40357288		115	<1	12.6	1.17	142	<0.1	0.14	<0.005	0.029	<0.001	<0.05	0.2	0.02	0.53	0.09
40357289		114	<1	12.2	1.19	134	<0.1	0.14	<0.005	0.032	0.001	<0.05	0.3	0.03	0.41	0.08
40357290		128	<1	25.6	2.33	239	0.2	0.06	<0.005	0.032	<0.001	<0.05	0.2	0.01	0.32	0.06
40357291		55	<1	5.1	0.44	205	0.1	0.28	<0.005	0.033	0.001	<0.05	1.2	0.08	0.55	0.12
40357292		109	<1	11.8	1.26	180	<0.1	0.18	<0.005	0.030	0.001	<0.05	0.3	0.03	0.42	0.11
40357293		122	<1	14.1	1.53	188	0.4	0.22	<0.005	0.033	0.001	0.07	0.6	0.06	0.47	0.13
40357293 CRD		127	<1	14.0	1.56	192	0.1	0.21	<0.005	0.031	0.001	<0.05	0.6	0.04	0.45	0.12
40357294		133	1	13.7	1.49	134	0.1	0.17	<0.005	0.034	0.001	0.05	0.4	0.03	0.41	0.08
40357295		122	<1	13.6	1.36	155	<0.1	0.18	<0.005	0.035	0.001	<0.05	0.7	0.04	0.46	0.10
40357296		138	<1	12.2	1.10	152	0.1	0.14	<0.005	0.054	0.001	<0.05	0.6	0.03	0.85	0.11
40357297		118	<1	12.9	1.36	132	<0.1	0.14	<0.005	0.037	0.001	<0.05	0.4	0.03	0.60	0.08
40357298		119	<1	11.2	1.25	118	<0.1	0.15	0.005	0.047	0.001	<0.05	0.5	0.04	0.73	0.11
40357299		112	<1	12.4	1.28	160	0.1	0.17	<0.005	0.030	0.001	<0.05	0.4	0.03	0.40	0.10
40357300		183	<1	18.1	1.76	105	4.8	0.12	0.010	0.028	0.002	0.36	1.0	0.05	0.44	0.49
40357301		98	1	11.9	1.11	169	<0.1	0.14	<0.005	0.033	0.001	<0.05	0.4	0.03	0.47	0.11
40357302		148	<1	15.0	1.42	165	<0.1	0.17	<0.005	0.022	<0.001	0.05	0.3	0.01	0.45	0.09
40357303		17	<1	5.4	0.12	72	<0.1	0.04	<0.005	0.016	<0.001	<0.05	0.2	<0.01	0.22	0.03
40357304		93	1	10.9	0.93	140	<0.1	0.11	<0.005	0.033	<0.001	<0.05	0.3	0.02	0.50	0.12
40357305		156	<1	13.1	1.16	125	<0.1	0.26	<0.005	0.014	<0.001	0.05	0.4	<0.01	0.53	0.08
40357306		120	<1	11.6	1.04	130	0.2	0.12	<0.005	0.033	0.001	<0.05	0.3	0.02	0.42	0.09
40357307		105	2	11.4	1.06	142	<0.1	0.16	<0.005	0.031	0.001	<0.05	0.5	0.04	0.44	0.09

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
40357271		0.05	1.3	3.1	6.3	1.55	5.6	41.4	1.9	14	0.001	<0.0005	0.001			
40357272		0.06	17.6	62.0	48.0	1.55	63.2	17.0	14.0	90	0.002	0.0026	0.002			
40357273		0.06	0.7	2.4	5.7	1.24	4.6	53.9	1.1	8	0.001	<0.0005	<0.001			
40357273 CRD		0.02	0.7	2.5	5.8	1.06	4.4	56.5	1.1	8	0.001	<0.0005	<0.001			
40357274		0.04	1.3	6.7	8.0	1.28	8.2	72.3	2.2	17	0.001	<0.0005	<0.001			
40357275		0.02	1.6	3.3	11.5	1.22	9.7	98.7	2.7	18	0.001	<0.0005	<0.001			
40357276		0.07	18.3	80.1	69.4	1.44	59.8	18.2	14.6	97	0.001	0.0015	0.002			
40357277		0.11	24.7	56.8	71.2	1.81	71.6	14.7	17.0	87	0.001	0.0020	0.002			
40357278		0.09	18.1	51.7	60.5	1.60	47.2	14.3	14.0	76	0.001	0.0011	0.001			
40357279		0.08	19.4	48.6	66.8	1.38	62.8	14.7	14.0	74	0.001	0.0014	0.001			
40357280		0.08	18.2	38.4	63.6	1.40	57.7	15.5	13.5	74	0.001	0.0015	0.002			
40357281		0.10	19.1	41.3	56.7	1.70	60.0	14.7	13.9	80	0.001	0.0015	0.002			
40357282		0.08	12.4	29.8	41.7	1.87	34.7	18.9	9.7	49	0.001	0.0011	0.001			
40357283		0.12	21.8	45.4	52.3	1.49	57.9	13.8	15.0	82	0.001	0.0021	0.002			
40357284		0.13	20.3	50.6	54.2	1.52	58.3	16.1	13.5	82	0.001	0.0023	0.002			
40357285		0.11	20.3	58.6	41.9	1.53	56.3	15.0	13.6	82	0.001	0.0017	0.002			
40357286		0.14	21.9	92.2	59.9	1.83	71.5	16.5	15.2	83	0.001	0.0015	0.002			
40357287		0.11	25.2	129.0	54.8	1.72	79.1	19.4	16.1	79	0.001	0.0017	0.002			
40357288		0.09	17.6	137.0	36.1	1.73	53.9	17.3	12.1	72	0.001	0.0014	0.001			
40357289		0.10	18.5	107.0	44.4	1.52	52.9	13.4	12.6	78	0.001	0.0016	0.001			
40357290		0.09	16.5	39.7	27.4	1.14	26.4	11.6	13.6	84	0.002	0.0007	0.001			
40357291		0.06	19.2	426	35.8	1.25	886	38.1	9.1	74	0.001	0.0014	0.004			
40357292		0.13	17.7	146.5	40.9	1.61	55.4	18.8	11.6	83	0.001	0.0011	0.001			
40357293		0.13	21.6	65.3	43.9	2.18	62.4	18.4	14.1	88	0.002	0.0015	0.002			
40357293 CRD		0.12	21.2	64.0	42.9	1.60	61.3	18.2	14.0	89	0.002	0.0015	0.002			
40357294		0.10	20.0	38.3	41.7	1.95	61.5	15.7	14.2	81	0.001	0.0015	0.002			
40357295		0.12	20.0	74.7	40.5	1.62	58.9	15.9	13.5	85	0.002	0.0015	0.002			
40357296		0.08	21.5	91.2	49.2	1.21	68.7	18.7	15.9	111	0.001	0.0017	0.002			
40357297		0.11	19.1	51.3	40.4	1.81	58.4	15.5	13.5	80	0.001	0.0014	0.002			
40357298		0.09	20.0	48.3	51.2	2.56	64.8	20.8	15.0	96	0.001	0.0018	0.002			
40357299		0.11	17.9	47.1	35.3	1.90	50.0	14.8	12.4	76	0.001	0.0012	0.001			
40357300		0.27	63.0	1160	38.8	2.77	705	6.1	17.0	110	0.021	0.0451	0.207			
40357301		0.11	16.4	46.7	35.0	1.32	48.3	17.1	11.4	80	0.001	0.0011	0.001			
40357302		0.18	28.1	31.9	35.6	0.80	61.0	9.6	18.4	90	0.001	0.0022	0.002			
40357303		0.02	3.6	4.7	20.1	1.13	12.9	48.7	4.6	39	0.001	<0.0005	<0.001			
40357304		0.06	16.3	43.7	43.2	1.50	58.0	18.0	11.3	82	0.001	0.0010	0.001			
40357305		0.11	35.2	28.3	51.0	0.55	197.5	11.6	20.1	77	0.001	0.0027	0.002			
40357306		0.07	21.3	47.4	52.1	1.96	75.1	15.8	14.6	92	0.001	0.0016	0.002			
40357307		0.08	19.0	45.4	47.5	2.78	62.8	17.1	13.2	83	0.001	0.0014	0.002			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.05	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2
40357271																
40357272																
40357273																
40357273 CRD																
40357274																
40357275																
40357276																
40357277																
40357278																
40357279																
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40357304																
40357305																
40357306																
40357307																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.002
40357271 40357272 40357273 40357273 CRD 40357274			
40357275 40357276 40357277 40357278 40357279			
40357280 40357281 40357282 40357283 40357284			
40357285 40357286 40357287 40357288 40357289			
40357290 40357291 40357292 40357293 40357293 CRD			
40357294 40357295 40357296 40357297 40357298			
40357299 40357300 40357301 40357302 40357303			
40357304 40357305 40357306 40357307			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

CERTIFICATE OF ANALYSIS TB18091733

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-32	PUL-32d	PUL-QC
SPL-21d	SPL-22	SPL-22X	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
C-IR07	ME-ICP06	ME-ICP81	ME-MS42
ME-MS61	ME-MS81	OA-GRA05	PGM-ICP27
PGM-MS24	S-IR08	TOT-ICP06	

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

CERTIFICATE TB18109461

Project: EB80004238

P.O. No.: 3103094877

This report is for 132 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-MAY-2018.

The following have access to data associated with this certificate:

RTXAMRNA ASSAY RESULTS JUSTIN LABERGE	RACHELLE BOULANGER	SUE DRIEBERG

To: **RIO TINTO EXPLORATION CANADA INC.**
ATTN: JUSTIN LABERGE
1300 WEST WALSH STREET
THUNDER BAY ON P7E 4X4

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-22	Split sample - rotary splitter
SPL-22X	Addnl Rot Cru Split w No Analysis
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
TOT-ICP06	Total Calculation for ICP06	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
ME-MS61	48 element four acid ICP-MS	
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357308		2.18	73.8	87.7	65.3	15.95	4.54	3.46	2.40	4.27	2.29	0.010	0.53	0.07	0.24	0.11
40357309		1.72			64.0	15.45	4.78	3.79	3.25	3.73	2.82	0.014	0.62	0.07	0.38	0.12
40357310		1.46			62.5	15.15	4.68	3.71	3.18	3.65	2.78	0.014	0.61	0.07	0.39	0.12
40357311		3.53		90.7	62.0	15.25	5.03	3.97	3.19	3.57	2.59	0.015	0.62	0.07	0.38	0.13
40357312		3.95			66.0	14.90	5.62	2.83	2.37	3.73	2.56	0.016	0.47	0.07	0.13	0.05
40357313		3.57			62.1	15.35	7.07	3.00	2.93	3.65	2.36	0.018	0.56	0.09	0.16	0.05
40357314		3.34			63.7	14.40	5.46	2.70	2.81	3.36	3.19	0.023	0.41	0.06	0.14	0.03
40357315		2.02			76.4	12.80	2.77	1.40	0.75	3.40	3.27	0.007	0.18	0.03	0.03	0.02
40357316		1.68			75.6	13.60	1.37	0.68	0.28	2.96	6.37	0.003	0.07	0.02	0.02	0.02
40357317		3.18			61.2	16.20	8.08	1.99	3.10	3.76	3.13	0.021	0.60	0.09	0.12	0.03
40357318		3.01			73.5	14.50	2.13	1.34	0.52	3.86	4.56	0.003	0.24	0.02	0.07	0.03
40357319		2.59			61.3	15.65	7.59	2.34	2.81	3.49	2.92	0.021	0.56	0.09	0.11	0.03
40357320		1.16			57.7	18.25	7.75	6.04	2.52	3.72	2.56	0.004	0.98	0.11	0.31	0.07
40357321		3.31			62.2	16.45	7.76	2.56	2.89	3.69	3.02	0.021	0.59	0.09	0.15	0.03
40357322		4.36			61.7	16.45	7.67	2.41	2.78	3.77	3.29	0.020	0.58	0.08	0.11	0.03
40357323		2.53			80.2	10.95	2.66	1.20	0.71	2.88	2.76	0.008	0.17	0.03	<0.01	0.02
40357324		2.42			64.0	15.25	6.55	3.03	3.07	3.27	2.46	0.021	0.53	0.08	0.14	0.04
40357325		1.54			76.7	10.35	1.92	1.12	0.49	2.92	2.42	0.007	0.10	0.02	0.01	0.02
40357326		0.28			49.9	13.85	10.15	8.53	9.82	1.98	2.57	0.067	1.06	0.16	0.70	0.04
40357327		3.29			61.3	17.55	7.39	3.09	3.43	3.93	2.88	0.023	0.60	0.08	0.14	0.08
40357327 CRD		<0.02			61.1	17.45	7.43	3.05	3.41	3.92	2.88	0.023	0.59	0.08	0.15	0.08
40357328		2.28			61.1	16.10	7.17	3.25	4.51	2.90	2.70	0.032	0.58	0.09	0.20	0.07
40357329		3.20			65.6	14.70	7.73	2.58	3.58	2.76	2.69	0.023	0.52	0.09	0.14	0.05
40357330		0.17			43.3	18.50	14.25	9.68	7.77	2.06	0.65	0.320	1.25	0.14	0.14	0.04
40357331		3.69			65.4	15.50	6.72	2.52	2.86	3.33	2.25	0.019	0.53	0.09	0.13	0.04
40357332		3.48			65.3	16.00	6.73	2.13	2.68	3.43	2.72	0.018	0.53	0.08	0.11	0.04
40357333		3.34			64.9	15.35	5.96	1.90	2.36	3.42	2.68	0.016	0.48	0.08	0.11	0.04
40357334		3.63			62.9	15.55	7.18	2.59	3.04	3.19	2.51	0.019	0.54	0.09	0.12	0.05
40357335		3.60			65.9	14.95	6.39	3.23	2.78	3.26	2.07	0.019	0.54	0.08	0.13	0.05
40357336		2.81			64.6	14.80	6.65	3.27	2.94	3.10	2.00	0.021	0.51	0.09	0.13	0.04
40357337		2.34			65.7	15.00	6.24	3.02	2.56	3.25	2.02	0.018	0.50	0.08	0.12	0.04
40357338		2.41			63.3	15.30	6.93	2.90	3.03	3.17	2.56	0.020	0.53	0.08	0.15	0.04
40357339		0.57			65.1	15.30	5.92	3.08	2.40	3.22	2.40	0.018	0.46	0.07	0.13	0.06
40357340		0.51			59.9	15.60	7.65	3.33	3.90	2.67	2.88	0.025	0.59	0.10	0.27	0.05
40357341		1.06			62.0	16.20	8.23	2.79	3.14	3.26	2.99	0.022	0.57	0.10	0.12	0.03
40357342		1.20			65.5	15.20	6.68	2.25	1.38	4.47	1.70	0.018	0.25	0.04	0.06	0.03
40357343		1.20			62.8	16.85	6.06	2.36	2.73	4.27	2.67	0.022	0.54	0.07	0.13	0.03
40357344		1.35			64.8	15.50	6.57	2.45	2.59	3.57	2.61	0.018	0.51	0.07	0.13	0.04
40357345		3.34			66.8	15.70	6.35	2.79	2.44	3.67	2.55	0.019	0.55	0.08	0.13	0.04
40357346		3.68			64.1	15.30	6.72	2.44	2.39	3.54	2.71	0.018	0.50	0.08	0.13	0.04

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357308		0.12	100.25	0.96	0.08	0.09	1030	100.0	70	3.21	1.72	0.77	1.54	20.1	3.63	4.2
40357309		0.14	100.43	1.27	0.11	0.01	1285	142.0	110	3.13	2.15	0.90	1.94	21.0	4.52	4.5
40357310		0.14	98.23	1.24	0.12	0.02	1230	133.5	110	3.14	2.09	0.77	1.86	19.9	4.54	4.7
40357311		0.13	98.05	1.10	0.11	0.16	1200	148.5	120	3.36	2.47	0.95	2.03	20.5	4.75	4.8
40357312		0.08	99.75	0.92	0.03	0.19	689	53.4	120	4.12	2.10	1.14	0.93	18.8	3.08	3.4
40357313		0.07	98.69	1.28	0.07	0.22	622	61.1	140	3.84	2.70	1.35	1.10	18.7	3.47	3.6
40357314		0.06	99.19	2.85	0.38	0.13	512	55.2	180	3.13	2.12	1.13	0.94	19.3	3.39	3.6
40357315		0.05	101.83	0.72	0.09	0.05	448	34.6	60	2.23	1.01	0.41	0.43	15.4	2.14	1.9
40357316		0.07	101.45	0.39	0.07	0.01	609	20.0	20	1.83	0.75	0.28	0.47	13.7	1.34	1.8
40357317		0.06	100.26	1.88	0.11	0.19	557	66.1	160	7.05	2.65	1.34	0.94	22.7	3.62	4.2
40357318		0.13	101.51	0.61	0.08	0.02	1185	124.0	30	1.47	1.48	0.50	0.85	19.9	2.72	6.2
40357319		0.06	98.12	1.15	0.09	0.19	544	58.5	140	6.08	2.51	1.36	0.92	20.3	3.32	3.1
40357320		0.10	100.39	0.28	0.05	0.10	985	70.2	30	1.28	6.18	3.78	1.72	22.4	6.93	9.1
40357321		0.07	100.69	1.17	0.08	0.27	627	65.0	150	6.20	2.80	1.56	1.08	20.4	3.32	3.8
40357322		0.06	99.53	0.58	0.02	0.21	594	72.4	140	8.69	2.76	1.27	1.01	22.6	4.02	3.4
40357323		0.03	101.88	0.26	0.04	0.04	297	26.9	60	3.41	0.87	0.38	0.41	14.2	1.55	6.2
40357324		0.05	99.18	0.69	0.01	0.19	520	59.7	150	6.13	2.38	1.36	0.97	17.5	2.96	3.3
40357325		0.04	96.37	0.25	0.03	0.05	374	14.6	50	1.89	0.74	0.37	0.45	12.6	1.14	5.6
40357326		0.07	100.73	1.83	0.07	0.04	657	192.0	480	4.03	4.18	1.89	3.26	17.7	8.09	3.7
40357327		0.10	101.45	0.86	0.02	0.31	953	81.1	160	6.48	2.56	1.38	1.38	21.3	3.75	4.2
40357327 CRD		0.10	101.08	0.82	0.02	0.31	912	77.7	160	6.16	2.52	1.19	1.47	21.1	3.44	3.9
40357328		0.09	100.12	1.33	0.01	0.37	816	78.0	230	5.15	2.69	1.45	1.34	18.7	3.81	3.2
40357329		0.08	101.34	0.80	0.01	0.24	719	55.7	160	4.74	2.53	1.53	1.00	19.8	3.44	3.2
40357330		0.02	99.55	1.43	0.03	0.90	171.5	27.6	2340	2.56	3.54	1.92	1.20	20.7	3.58	2.7
40357331		0.07	100.50	1.04	0.03	0.16	642	58.2	140	3.54	2.52	1.54	1.11	19.0	2.90	3.5
40357332		0.07	100.98	1.14	0.05	0.15	718	63.8	130	4.11	2.37	1.32	0.95	20.0	3.06	3.7
40357333		0.09	98.63	1.24	0.06	0.11	843	67.2	110	4.02	2.37	1.27	0.95	20.3	3.02	3.9
40357334		0.07	98.74	0.89	0.04	0.21	692	62.4	140	4.97	2.49	1.40	1.10	19.7	3.26	3.5
40357335		0.07	100.11	0.64	0.01	0.24	609	56.8	130	4.00	2.41	1.35	0.99	18.0	2.89	3.4
40357336		0.06	98.92	0.71	0.02	0.22	544	66.7	150	3.77	2.51	1.41	0.91	17.9	3.36	3.8
40357337		0.06	99.39	0.78	0.03	0.20	539	57.5	130	3.74	2.21	1.30	0.97	18.0	2.99	3.6
40357338		0.07	98.90	0.82	0.03	0.22	637	68.2	140	4.55	2.60	1.43	1.03	18.7	3.21	3.4
40357339		0.06	99.02	0.80	0.05	0.14	556	81.1	130	5.21	2.47	1.39	1.22	20.5	4.15	4.0
40357340		0.08	98.66	1.61	0.15	0.16	734	117.5	180	6.22	2.73	1.37	1.33	21.1	5.01	3.6
40357341		0.04	100.40	0.91	0.04	0.37	389	57.3	150	7.64	2.90	1.59	1.02	19.6	3.75	2.9
40357342		0.02	98.88	1.28	0.03	2.08	219	126.5	130	3.39	2.58	0.79	0.73	20.1	6.64	8.7
40357343		0.04	99.44	0.87	0.04	0.17	359	111.5	160	5.91	2.98	1.25	0.89	22.6	5.36	6.0
40357344		0.05	99.85	0.94	0.04	0.20	478	60.2	140	5.53	2.24	1.22	0.86	19.6	3.03	4.0
40357345		0.06	101.97	0.79	0.04	0.20	569	57.7	130	4.24	2.35	1.21	0.94	19.0	3.18	3.3
40357346		0.06	98.74	0.71	0.05	0.21	570	59.1	130	5.41	2.60	1.31	0.98	19.7	3.30	3.5

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357308		0.31	50.3	0.09	7.0	39.8	11.25	86.5	6.05	1	967	0.2	0.40	7.20	0.10	1.34
40357309		0.37	69.5	0.08	8.0	58.5	16.30	93.1	8.29	1	1050	0.2	0.52	7.80	0.10	2.26
40357310		0.36	64.6	0.08	7.9	54.8	15.30	89.5	8.18	1	1000	0.2	0.53	7.32	0.11	2.26
40357311		0.40	72.5	0.09	8.4	59.4	16.85	88.0	8.35	1	1145	0.2	0.51	8.92	0.11	2.09
40357312		0.43	27.1	0.15	6.3	22.0	6.01	88.0	3.86	2	461	0.3	0.39	7.87	0.16	2.48
40357313		0.50	30.1	0.18	6.3	25.8	7.08	85.9	4.60	1	450	0.3	0.48	7.66	0.21	2.30
40357314		0.43	27.0	0.16	7.2	23.5	6.38	119.5	4.38	2	310	0.4	0.42	7.89	0.19	7.57
40357315		0.17	16.9	0.04	7.6	13.4	4.02	84.5	2.79	3	219	0.3	0.25	10.35	0.05	15.10
40357316		0.10	9.2	0.03	4.2	8.4	2.33	142.0	1.98	1	225	0.3	0.16	9.84	0.03	41.9
40357317		0.53	33.6	0.20	8.7	26.3	7.40	146.5	4.60	3	290	0.5	0.49	11.25	0.18	4.45
40357318		0.24	71.2	0.05	10.5	35.2	11.80	104.5	4.53	1	326	0.5	0.36	32.7	0.07	6.17
40357319		0.46	28.8	0.23	7.1	22.2	6.19	119.5	4.34	2	285	0.6	0.44	8.30	0.20	2.98
40357320		1.29	30.1	0.49	13.7	36.9	8.78	98.1	8.25	2	580	0.7	1.05	4.29	0.49	1.85
40357321		0.59	33.2	0.26	6.8	25.3	6.86	130.5	4.34	1	307	0.6	0.51	9.13	0.23	2.69
40357322		0.52	35.9	0.20	10.6	28.2	7.54	174.5	5.32	3	317	0.8	0.51	13.20	0.21	2.95
40357323		0.13	12.5	0.06	8.1	9.7	2.77	87.2	2.12	2	183.0	0.4	0.15	10.35	0.05	31.8
40357324		0.44	29.4	0.19	6.0	24.1	6.45	118.0	3.75	1	407	0.5	0.41	8.50	0.19	4.32
40357325		0.14	6.8	0.08	5.1	6.5	1.61	60.6	1.36	1	204	0.4	0.12	5.62	0.05	27.6
40357326		0.78	82.5	0.20	10.1	90.5	22.9	117.0	14.50	3	384	0.5	0.96	8.23	0.25	3.86
40357327		0.52	40.0	0.22	7.5	32.1	8.62	113.5	5.47	2	687	0.5	0.48	10.75	0.20	2.47
40357327 CRD		0.47	39.2	0.19	7.3	30.3	8.08	106.5	4.94	1	652	0.5	0.44	10.10	0.18	2.54
40357328		0.53	37.4	0.23	6.3	32.6	8.65	82.7	5.41	1	626	0.5	0.51	8.35	0.20	2.20
40357329		0.49	25.4	0.21	5.7	24.3	6.28	80.9	4.79	1	430	0.4	0.48	7.53	0.22	1.97
40357330		0.73	12.5	0.30	7.8	14.2	3.23	22.9	3.52	2	357	0.5	0.57	1.22	0.29	0.27
40357331		0.49	29.2	0.22	5.9	23.9	6.18	74.1	4.18	1	375	0.5	0.40	7.84	0.19	2.33
40357332		0.50	33.1	0.22	7.1	23.5	6.57	89.2	4.37	1	329	0.6	0.44	10.35	0.19	4.18
40357333		0.45	35.1	0.19	7.1	23.5	6.96	97.8	3.83	1	332	0.6	0.40	13.40	0.17	4.73
40357334		0.51	31.0	0.21	6.0	25.6	6.86	81.1	4.68	1	397	0.5	0.45	8.65	0.19	2.27
40357335		0.46	28.3	0.21	5.4	22.3	5.98	66.8	4.05	1	411	0.4	0.40	7.89	0.20	2.25
40357336		0.49	33.3	0.20	5.5	25.6	7.02	62.1	4.69	1	401	0.4	0.44	8.85	0.19	2.41
40357337		0.42	29.2	0.21	5.5	22.4	6.11	62.3	3.63	1	346	0.4	0.39	8.10	0.17	2.57
40357338		0.50	33.9	0.19	6.3	27.5	7.32	91.0	4.67	1	386	0.5	0.39	8.11	0.21	2.34
40357339		0.49	40.1	0.17	7.8	31.7	8.57	112.0	6.01	2	525	0.7	0.49	13.00	0.19	6.93
40357340		0.56	58.3	0.22	8.8	47.0	12.35	129.5	7.49	2	453	0.6	0.60	10.40	0.19	3.11
40357341		0.58	29.2	0.25	5.9	22.7	6.12	155.0	4.44	2	296	0.5	0.51	7.68	0.22	2.03
40357342		0.39	58.3	0.11	7.1	48.4	13.85	71.0	11.10	2	291	0.6	0.69	35.9	0.10	10.65
40357343		0.51	53.0	0.16	10.4	44.3	11.85	131.5	8.75	4	302	0.7	0.67	24.7	0.16	5.68
40357344		0.45	30.2	0.17	7.6	23.0	6.21	125.5	3.78	3	330	0.6	0.42	8.94	0.17	2.93
40357345		0.45	29.8	0.20	6.8	22.6	6.00	97.1	3.77	1	337	0.5	0.42	7.82	0.19	2.51
40357346		0.47	29.6	0.23	7.0	21.7	6.14	113.0	3.79	2	313	0.6	0.46	9.12	0.19	5.06

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357308		67	1	8.4	0.56	192	0.4	0.05	<0.005	0.019	<0.001	<0.05	<0.2	0.01	0.37	0.08
40357309		83	2	9.8	0.70	194	0.4	0.08	<0.005	0.014	<0.001	<0.05	<0.2	<0.01	0.34	0.04
40357310		82	2	9.6	0.72	204	0.2	0.08	<0.005	0.016	<0.001	<0.05	<0.2	0.01	0.36	0.04
40357311		81	2	10.1	0.82	213	0.4	0.14	<0.005	0.017	<0.001	<0.05	<0.2	0.01	0.35	0.07
40357312		98	2	11.7	1.14	138	0.3	0.08	<0.005	0.025	<0.001	<0.05	0.2	0.03	0.37	0.07
40357313		119	3	13.8	1.34	139	0.3	0.16	<0.005	0.029	<0.001	<0.05	0.2	0.04	0.33	0.07
40357314		96	1	11.7	1.16	129	0.9	0.13	<0.005	0.028	0.001	<0.05	0.3	0.03	0.15	0.07
40357315		23	2	4.8	0.29	64	0.2	0.07	<0.005	0.023	<0.001	<0.05	<0.2	0.01	0.14	0.07
40357316		8	1	3.0	0.19	49	0.1	0.05	<0.005	0.009	<0.001	<0.05	<0.2	0.01	0.02	0.10
40357317		138	2	14.3	1.21	158	0.9	0.15	<0.005	0.044	0.001	<0.05	<0.2	0.04	0.59	0.08
40357318		22	1	6.5	0.46	242	0.1	0.03	<0.005	0.006	0.001	<0.05	<0.2	<0.01	0.09	0.03
40357319		121	2	14.0	1.42	114	0.6	0.09	<0.005	0.039	0.001	<0.05	0.4	0.03	0.63	0.07
40357320		127	2	35.8	3.30	353	0.4	0.01	<0.005	0.023	0.001	<0.05	<0.2	0.02	0.32	0.03
40357321		123	2	16.0	1.67	149	0.3	0.12	<0.005	0.043	<0.001	<0.05	0.3	0.05	0.63	0.09
40357322		123	2	14.8	1.27	124	0.2	0.08	<0.005	0.050	<0.001	<0.05	<0.2	0.04	1.00	0.08
40357323		22	1	3.6	0.31	180	0.2	0.03	<0.005	0.019	<0.001	<0.05	<0.2	0.01	0.27	0.04
40357324		99	3	12.7	1.25	123	0.1	0.10	<0.005	0.031	0.001	<0.05	0.4	0.04	0.63	0.08
40357325		14	1	4.1	0.41	149	0.1	0.04	<0.005	0.012	<0.001	<0.05	<0.2	0.01	0.18	0.04
40357326		160	2	19.8	1.44	150	0.1	0.19	<0.005	0.014	<0.001	<0.05	<0.2	0.01	0.40	0.05
40357327		116	3	14.1	1.24	148	0.2	0.14	<0.005	0.036	0.001	<0.05	0.3	0.06	0.61	0.09
40357327 CRD		114	1	13.0	1.14	148	0.1	0.14	<0.005	0.039	0.001	<0.05	0.3	0.06	0.63	0.10
40357328		121	2	15.2	1.48	121	0.1	0.19	<0.005	0.032	0.001	<0.05	0.3	0.04	0.46	0.11
40357329		126	2	14.3	1.43	111	<0.1	0.16	<0.005	0.043	0.001	<0.05	<0.2	0.04	0.46	0.07
40357330		175	2	19.1	1.83	105	6.6	0.38	<0.005	0.048	0.008	0.30	3.0	0.20	0.31	1.37
40357331		107	1	14.2	1.42	130	0.2	0.14	<0.005	0.030	<0.001	<0.05	<0.2	0.03	0.27	0.06
40357332		109	2	13.9	1.36	134	<0.1	0.17	<0.005	0.033	<0.001	<0.05	<0.2	0.03	0.34	0.06
40357333		100	4	12.6	1.25	141	0.2	0.17	<0.005	0.030	0.001	<0.05	0.2	0.02	0.37	0.05
40357334		115	1	14.1	1.50	132	0.4	0.16	<0.005	0.034	0.001	<0.05	0.2	0.04	0.36	0.06
40357335		102	1	13.5	1.46	123	0.2	0.18	<0.005	0.029	0.001	<0.05	0.2	0.03	0.37	0.15
40357336		104	1	13.5	1.26	135	0.2	0.16	<0.005	0.028	0.001	<0.05	<0.2	0.03	0.32	0.08
40357337		95	1	12.8	1.18	137	<0.1	0.16	<0.005	0.030	<0.001	<0.05	<0.2	0.03	0.35	0.10
40357338		106	1	13.8	1.25	128	0.2	0.15	<0.005	0.039	0.001	<0.05	0.2	0.05	0.52	0.10
40357339		89	1	13.4	1.11	145	0.1	0.08	<0.005	0.031	<0.001	<0.05	<0.2	0.04	0.60	0.06
40357340		113	1	15.1	1.41	140	0.1	0.22	<0.005	0.038	0.001	<0.05	0.5	0.03	0.70	0.10
40357341		131	2	15.8	1.63	117	0.1	0.14	<0.005	0.038	0.001	<0.05	0.8	0.15	1.03	0.15
40357342		46	2	10.6	0.62	247	0.2	1.42	<0.005	0.053	0.005	<0.05	6.1	0.37	0.46	0.99
40357343		106	3	13.7	1.13	201	<0.1	0.17	<0.005	0.054	<0.001	<0.05	<0.2	0.04	0.62	0.25
40357344		105	1	12.6	1.18	153	0.1	0.09	<0.005	0.042	0.001	<0.05	0.3	0.05	0.66	0.12
40357345		102	1	13.7	1.22	124	0.1	0.12	<0.005	0.036	0.001	<0.05	0.4	0.05	0.48	0.10
40357346		103	2	13.4	1.47	133	<0.1	0.13	<0.005	0.038	0.001	<0.05	<0.2	0.04	0.68	0.12

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05
40357308		0.04	12.4	5.3	56.8	0.96	36.9	17.8	7.2	75	0.001	0.0005	<0.001			
40357309		0.05	15.6	0.3	73.4	1.33	68.6	17.5	9.0	81	0.001	0.0006	0.001			
40357310		0.04	15.5	0.2	71.1	1.05	68.8	18.1	9.0	79	0.001	0.0006	0.001			
40357311		0.07	15.3	27.4	59.0	1.20	69.3	18.0	8.8	83	0.001	0.0006	0.001			
40357312		0.05	17.1	37.6	45.7	2.29	48.7	18.1	12.9	74	0.001	0.0011	0.001			
40357313		0.06	22.2	52.2	52.8	1.96	64.2	16.6	15.3	83	0.002	0.0013	0.001			
40357314		0.05	18.1	52.5	50.0	2.20	69.6	23.8	12.0	74	0.002	0.0012	0.001			
40357315		0.06	4.9	27.1	22.7	1.70	20.7	37.4	5.3	44	0.001	<0.0005	<0.001			
40357316		0.05	1.5	3.6	9.0	1.78	7.7	70.6	2.5	18	0.001	<0.0005	<0.001			
40357317		0.06	24.6	95.8	88.7	2.45	73.8	20.8	19.9	107	0.001	0.0017	0.002			
40357318		0.03	3.0	5.9	14.9	3.47	4.4	30.4	2.5	25	0.001	<0.0005	<0.001			
40357319		0.07	23.6	49.8	91.6	2.42	70.3	15.8	18.8	91	0.001	0.0017	0.002			
40357320		0.08	17.8	17.8	20.5	1.11	12.7	11.6	15.7	94	0.001	<0.0005	<0.001			
40357321		0.11	22.5	79.3	83.5	1.65	68.3	15.9	17.8	86	0.001	0.0016	0.002			
40357322		0.09	22.7	94.5	82.8	1.72	69.3	19.3	18.1	100	0.001	0.0019	0.002			
40357323		0.05	4.8	21.6	26.7	2.16	14.9	47.1	5.4	41	0.001	<0.0005	<0.001			
40357324		0.10	20.9	76.8	54.4	2.03	62.4	15.0	14.1	81	0.001	0.0014	0.002			
40357325		0.03	3.7	17.9	20.2	2.39	13.4	48.7	3.7	27	0.001	<0.0005	<0.001			
40357326		0.22	42.6	15.5	52.5	0.51	223	5.9	24.0	92	0.001	0.0032	0.004			
40357327		0.05	22.8	59.1	52.0	1.56	68.3	18.2	15.0	82	0.002	0.0014	0.002			
40357327 CRD		0.05	21.6	57.7	51.2	1.67	66.0	17.5	14.6	81	0.002	0.0015	0.002			
40357328		0.10	26.0	70.1	53.9	1.67	86.7	14.4	16.7	78	0.002	0.0015	0.002			
40357329		0.08	24.0	49.4	55.1	2.26	75.1	13.6	17.8	81	0.001	0.0017	0.002			
40357330		0.45	93.2	3820	25.6	4.83	1880	8.0	15.6	108	0.079	0.1470	0.760			
40357331		0.11	18.6	44.8	44.0	1.99	56.3	13.9	13.8	75	0.001	0.0014	0.002			
40357332		0.07	19.2	41.8	51.9	2.66	58.6	17.4	15.1	77	0.001	0.0015	0.002			
40357333		0.09	17.5	31.6	55.4	2.59	52.4	18.4	14.2	67	0.001	0.0014	0.001			
40357334		0.09	21.4	49.6	51.2	2.10	62.1	14.2	15.4	78	0.001	0.0014	0.002			
40357335		0.09	20.8	62.2	37.7	1.76	53.7	16.4	14.9	86	0.001	0.0015	0.002			
40357336		0.10	20.9	47.6	34.8	2.14	51.3	14.3	14.2	87	0.001	0.0015	0.002			
40357337		0.10	20.4	56.2	44.7	2.14	52.6	15.0	13.6	83	0.001	0.0011	0.001			
40357338		0.10	21.7	93.8	44.8	2.09	66.4	14.5	15.1	89	0.001	0.0014	0.002			
40357339		0.09	17.5	117.0	36.7	2.58	62.6	19.2	12.3	78	0.001	0.0011	0.001			
40357340		0.09	27.2	185.5	51.8	2.06	112.5	18.0	16.7	94	0.001	0.0014	0.002			
40357341		0.09	30.7	554	51.4	3.04	191.0	17.0	22.8	91	0.002	0.0028	0.003			
40357342		0.25	113.5	5110	24.9	3.01	4120	33.8	8.4	59	0.011	0.0045	0.023			
40357343		0.15	27.3	642	45.1	1.64	207	30.5	16.3	102	0.002	0.0015	0.002			
40357344		0.09	21.8	217	45.9	2.51	59.1	18.6	15.4	94	0.001	0.0013	0.001			
40357345		0.11	22.4	75.7	43.4	2.03	60.3	16.0	15.9	93	0.001	0.0013	0.001			
40357346		0.09	22.4	75.9	46.9	2.92	60.4	19.5	16.2	88	0.001	0.0014	0.002			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
40357308 40357309 40357310 40357311 40357312															
40357313 40357314 40357315 40357316 40357317															
40357318 40357319 40357320 40357321 40357322															
40357323 40357324 40357325 40357326 40357327															
40357327 CRD 40357328 40357329 40357330 40357331															
40357332 40357333 40357334 40357335 40357336															
40357337 40357338 40357339 40357340 40357341															
40357342 40357343 40357344 40357345 40357346															

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	Pass2mm	Pass75um	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01
40357347		2.55			68.2	14.45	5.43	2.79	2.06	3.13	2.25	0.017	0.43	0.07	0.10	0.04
40357347 CRD		<0.02			67.1	14.55	5.79	2.80	2.27	3.01	2.40	0.018	0.45	0.07	0.11	0.04
40357348		3.73			72.3	14.20	3.03	1.43	0.90	3.20	4.68	0.008	0.20	0.03	0.06	0.03
40357349		1.82			66.4	14.95	5.89	2.98	2.34	3.36	2.24	0.017	0.47	0.07	0.12	0.04
40357350		1.06			59.3	17.50	6.35	5.41	2.07	3.73	2.81	0.004	0.80	0.11	0.24	0.06
40357351		2.86			66.2	14.95	5.83	3.01	2.37	3.30	2.23	0.018	0.48	0.07	0.13	0.05
40357352		0.74			53.2	13.50	7.85	7.54	9.79	2.02	2.54	0.106	0.67	0.14	0.45	0.09
40357353		3.02			63.5	15.45	6.33	3.20	3.02	3.47	2.40	0.028	0.54	0.08	0.14	0.05
40357354		3.49		85.2	66.2	15.35	5.72	3.03	2.62	3.45	2.71	0.024	0.49	0.07	0.12	0.04
40357355		4.69	71.2	87.6	63.2	15.10	6.44	2.91	2.98	3.44	2.48	0.022	0.54	0.09	0.15	0.05
40357356		3.28			63.0	15.45	6.80	3.64	3.53	3.37	2.80	0.022	0.55	0.10	0.18	0.05
40357357		1.41			49.7	14.45	11.35	7.60	7.77	2.76	1.92	0.028	1.03	0.18	0.15	0.04
40357358		2.30			57.4	16.35	8.04	5.39	3.45	3.57	1.94	0.004	0.67	0.13	0.22	0.07
40357359		3.46			54.6	16.65	8.75	4.61	4.04	3.32	2.65	0.005	0.72	0.15	0.24	0.05
40357360		0.17			44.7	18.65	12.10	9.23	7.42	2.08	1.04	0.344	1.29	0.14	0.16	0.04
40357361		1.47			73.8	13.60	1.58	1.23	0.40	3.07	6.49	0.006	0.08	0.02	0.02	0.02
40357362		3.24			63.4	15.65	6.10	1.72	3.53	3.09	2.69	0.016	0.54	0.07	0.20	0.04
40357363		2.60			61.3	15.95	7.75	0.64	4.21	3.30	3.32	0.017	0.49	0.07	0.12	0.01
40357364		3.14			72.1	12.95	1.44	0.62	0.44	1.88	7.92	0.003	0.03	0.02	0.01	0.02
40357365		2.89			76.8	11.90	1.53	0.28	0.36	2.00	6.84	0.004	0.06	0.01	0.01	0.02
40357366		2.20			75.5	12.90	1.57	0.19	0.44	2.45	6.66	0.003	0.06	0.02	0.01	0.02
40357367		1.78			70.8	13.55	3.68	1.06	1.53	4.09	2.23	0.011	0.24	0.04	0.05	0.02
40357367 CRD		<0.02			72.3	13.80	3.58	1.06	1.51	4.17	2.25	0.009	0.24	0.04	0.04	0.02
40357368		2.58			65.4	15.25	6.03	1.68	3.04	3.32	2.56	0.018	0.48	0.07	0.13	0.04
40357369		0.94			64.6	15.60	7.43	1.88	3.03	3.35	2.46	0.019	0.54	0.09	0.12	0.03
40357370		0.87			65.3	15.70	7.30	1.83	2.93	3.37	2.49	0.019	0.54	0.09	0.13	0.03
40357371		2.70			54.5	14.75	7.66	3.83	7.19	2.69	2.18	0.063	0.54	0.09	0.26	0.04
40357372		3.73			70.9	14.95	3.00	1.65	1.18	4.30	3.92	0.006	0.26	0.03	0.13	0.06
40357373		3.50			71.1	14.80	2.89	1.53	0.83	4.05	3.92	0.004	0.24	0.03	0.08	0.06
40357374		3.63			66.2	15.25	5.21	2.10	2.19	3.83	3.12	0.013	0.43	0.07	0.12	0.04
40357375		2.87			62.0	15.70	7.30	2.87	3.34	3.49	2.71	0.021	0.59	0.10	0.17	0.06
40357376		2.25			63.7	14.35	7.06	3.09	3.71	2.90	2.62	0.024	0.56	0.10	0.23	0.06
40357377		1.81			77.0	12.40	1.06	0.66	0.26	2.64	5.74	0.003	0.06	0.01	0.02	0.02
40357378		1.83			64.5	15.55	6.73	2.53	2.70	3.51	2.95	0.019	0.54	0.08	0.13	0.04
40357379		0.63			66.2	15.20	6.15	2.15	1.33	4.53	2.10	0.013	0.29	0.05	0.07	0.03
40357380		1.01			57.6	17.75	7.14	5.83	2.46	3.73	2.32	0.003	0.92	0.11	0.24	0.07
40357381		0.79			64.1	14.75	6.69	2.76	2.98	3.09	2.71	0.021	0.56	0.09	0.18	0.05
40357382		2.04			76.1	13.25	1.46	0.87	0.33	3.14	5.24	0.004	0.08	0.02	0.01	0.02
40357383		1.78			67.4	14.75	4.73	2.27	2.09	3.62	3.05	0.014	0.39	0.07	0.13	0.04
40357384		2.10			76.7	12.45	0.98	0.90	0.14	3.09	4.81	0.005	0.04	0.01	0.01	0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357347		0.06	100.32	1.29	0.12	0.18	576	70.4	120	3.49	2.30	1.02	0.82	18.5	3.54	3.8
40357347 CRD		0.06	100.25	1.58	0.15	0.19	598	63.4	130	3.66	2.37	1.24	0.86	18.1	3.48	3.6
40357348		0.06	100.71	0.58	0.06	0.06	596	134.5	50	2.69	2.41	0.60	0.70	19.0	7.02	8.8
40357349		0.06	99.57	0.63	0.05	0.20	559	63.6	130	4.75	2.36	1.17	0.84	19.4	3.17	3.4
40357350		0.15	98.83	0.30	0.06	0.09	1340	68.2	20	1.27	6.15	3.06	1.83	22.4	6.60	7.3
40357351		0.07	99.35	0.64	0.03	0.25	653	58.0	130	3.63	2.36	1.31	1.06	18.8	2.69	4.4
40357352		0.10	99.89	1.89	0.25	0.11	909	108.0	760	6.82	3.26	1.48	2.34	18.1	6.32	3.0
40357353		0.07	99.23	0.95	0.06	0.19	614	60.8	200	4.06	2.40	1.17	0.98	21.5	3.60	3.8
40357354		0.07	100.52	0.63	0.07	0.15	630	59.1	160	4.38	2.24	1.17	0.91	20.7	3.38	4.2
40357355		0.07	98.46	0.99	0.06	0.26	730	66.5	170	5.34	2.71	1.39	1.17	22.0	3.63	3.9
40357356		0.08	100.53	0.96	0.05	0.27	741	47.2	140	5.85	2.54	1.44	0.92	20.5	3.12	3.3
40357357		0.06	99.06	2.02	0.14	0.57	584	30.2	190	2.17	3.55	2.11	1.11	18.7	4.26	2.1
40357358		0.08	98.85	1.54	0.11	1.05	785	49.8	30	2.14	3.07	1.84	1.27	20.5	3.75	3.0
40357359		0.07	99.63	3.77	0.53	0.59	661	54.0	30	3.81	3.40	2.08	1.16	20.5	4.07	3.2
40357360		0.04	99.18	1.95	0.05	0.33	346	26.5	2370	2.49	3.57	1.98	1.21	21.1	3.71	2.8
40357361		0.06	101.53	1.15	0.26	0.08	607	43.0	40	1.59	1.14	0.53	0.58	14.7	2.15	1.3
40357362		0.07	99.75	2.63	0.07	0.22	635	77.2	110	1.64	2.36	1.23	1.14	20.8	3.64	3.8
40357363		0.04	100.17	2.95	0.06	0.15	399	78.5	120	0.84	2.31	1.20	0.81	22.4	3.50	3.4
40357364		0.08	98.24	0.73	0.15	0.03	789	40.9	20	1.61	0.67	0.40	0.57	12.4	1.11	1.5
40357365		0.07	100.30	0.42	0.07	0.03	662	20.8	30	2.07	0.57	0.21	0.43	11.5	0.92	0.9
40357366		0.07	100.36	0.47	0.04	0.02	702	29.2	20	1.92	0.58	0.21	0.47	13.4	1.08	0.8
40357367		0.03	98.81	1.48	0.11	0.11	265	60.7	80	0.96	1.84	0.77	0.88	18.9	3.50	7.2
40357367 CRD		0.03	100.49	1.44	0.09	0.11	263	67.7	70	1.06	1.98	0.77	0.91	19.4	4.16	8.2
40357368		0.06	100.40	2.32	0.11	0.24	559	60.3	130	1.96	2.32	1.09	0.90	21.0	3.02	3.8
40357369		0.06	101.05	1.84	0.08	0.22	523	60.2	130	2.84	2.53	1.45	0.99	20.7	3.15	3.7
40357370		0.06	101.47	1.68	0.07	0.21	564	58.5	130	3.07	2.71	1.47	1.03	20.5	2.95	3.6
40357371		0.04	99.12	5.29	0.57	0.30	424	60.6	440	2.84	2.14	1.13	1.14	19.7	3.37	3.2
40357372		0.12	101.80	1.29	0.18	0.30	1150	117.0	40	1.25	1.56	0.60	1.02	18.4	3.16	4.5
40357373		0.12	100.51	0.86	0.11	0.29	1165	103.0	30	1.50	1.38	0.57	0.91	18.8	2.43	4.7
40357374		0.08	99.83	1.18	0.10	0.19	750	74.9	90	3.54	1.99	0.92	0.95	20.7	2.72	4.9
40357375		0.08	99.53	1.10	0.05	0.25	777	65.2	140	4.80	2.78	1.35	1.12	20.1	3.30	3.3
40357376		0.08	99.57	1.09	0.04	0.32	760	75.9	160	5.41	2.64	1.33	1.32	18.9	3.52	3.9
40357377		0.06	100.23	0.30	0.06	0.01	559	32.3	20	1.69	0.82	0.29	0.43	13.2	1.75	4.3
40357378		0.06	100.07	0.73	0.04	0.17	642	61.3	140	7.52	2.69	1.41	0.94	22.7	3.25	3.5
40357379		0.03	99.10	0.96	0.03	0.96	268	65.8	90	4.88	2.28	0.75	0.66	25.7	4.03	3.4
40357380		0.12	98.65	0.36	0.06	0.11	1150	69.4	30	1.43	6.48	3.61	1.78	24.4	6.99	8.5
40357381		0.07	98.98	0.93	0.04	0.29	677	89.6	150	7.82	2.73	1.48	1.13	21.8	3.91	4.6
40357382		0.05	100.85	0.28	0.05	0.02	520	63.0	20	2.26	1.49	0.57	0.52	15.9	3.57	3.9
40357383		0.06	99.32	0.71	0.04	0.19	579	62.7	100	5.36	2.15	0.91	0.84	20.6	3.32	3.0
40357384		0.05	99.23	0.02	0.04	0.01	458	22.9	30	1.46	0.84	0.23	0.37	14.0	1.32	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357347		0.42	34.6	0.15	6.9	26.5	7.19	94.3	5.21	2	329	0.5	0.42	14.55	0.14	3.61
40357347 CRD		0.47	31.5	0.18	6.9	23.5	6.82	98.7	4.35	2	324	0.6	0.45	11.40	0.17	3.27
40357348		0.30	61.8	0.10	10.3	50.9	14.25	113.5	10.65	2	269	0.6	0.63	42.7	0.09	9.10
40357349		0.46	32.2	0.18	7.5	24.6	6.64	99.8	4.94	2	363	0.6	0.43	10.70	0.19	2.41
40357350		1.11	29.8	0.46	14.1	35.1	8.50	102.5	7.38	2	568	0.6	0.96	4.57	0.47	1.61
40357351		0.45	30.0	0.20	6.4	21.7	6.04	74.3	3.97	1	415	0.5	0.38	8.35	0.20	2.77
40357352		0.56	44.2	0.17	7.3	63.6	15.60	123.0	10.75	2	747	0.4	0.67	4.22	0.19	1.88
40357353		0.46	29.6	0.16	8.9	25.5	7.29	93.8	4.90	2	402	0.6	0.49	9.23	0.16	2.37
40357354		0.39	29.4	0.17	6.7	25.0	7.02	97.7	4.56	2	395	0.5	0.41	10.05	0.16	2.99
40357355		0.47	32.4	0.19	9.8	29.4	8.07	92.9	5.17	2	423	0.6	0.51	8.46	0.20	2.43
40357356		0.51	23.0	0.20	7.6	21.9	5.85	91.1	3.84	3	417	0.7	0.42	6.27	0.18	3.44
40357357		0.75	13.4	0.27	3.9	18.4	4.36	60.2	4.45	2	370	0.2	0.59	2.08	0.29	1.28
40357358		0.63	23.6	0.29	5.3	25.1	6.45	60.2	4.81	1	637	0.3	0.50	3.29	0.25	1.39
40357359		0.68	25.4	0.29	6.1	26.4	7.17	105.0	5.32	2	411	0.3	0.61	4.02	0.30	1.36
40357360		0.69	12.1	0.27	7.7	15.1	3.63	33.6	3.62	2	385	0.4	0.60	1.27	0.29	0.36
40357361		0.20	19.6	0.07	4.7	16.6	5.08	130.0	3.21	1	193.5	0.5	0.25	14.85	0.08	6.34
40357362		0.46	37.7	0.18	6.8	33.2	9.28	85.0	5.56	1	386	0.4	0.47	7.92	0.17	2.30
40357363		0.46	41.8	0.15	6.6	31.8	9.34	85.1	5.12	2	96.0	0.4	0.43	8.40	0.15	4.05
40357364		0.11	20.9	0.06	1.5	15.4	4.60	164.0	2.21	<1	184.5	0.1	0.13	7.60	0.06	2.71
40357365		0.09	10.4	0.04	2.8	8.5	2.41	143.5	1.53	1	165.0	0.3	0.11	9.75	0.03	3.31
40357366		0.11	14.8	0.03	3.6	11.4	3.32	143.5	1.92	1	186.5	0.4	0.12	6.47	0.03	6.36
40357367		0.25	27.2	0.11	5.9	26.2	7.38	58.9	5.73	3	179.5	0.4	0.39	18.10	0.09	7.82
40357367 CRD		0.32	30.4	0.11	6.3	29.0	8.43	59.6	6.49	2	182.0	0.3	0.48	21.6	0.12	8.67
40357368		0.39	29.7	0.16	5.9	26.1	7.21	83.5	4.63	2	303	0.5	0.43	9.28	0.15	2.62
40357369		0.48	30.2	0.18	5.8	24.6	7.11	77.2	4.94	1	250	0.4	0.45	8.02	0.21	2.39
40357370		0.48	29.7	0.21	6.3	24.0	6.79	81.8	4.42	1	268	0.5	0.44	8.08	0.21	2.39
40357371		0.39	28.3	0.12	5.4	29.2	7.72	58.6	5.35	1	306	0.3	0.36	5.16	0.15	1.16
40357372		0.26	61.5	0.08	5.7	41.6	13.05	82.8	6.02	2	452	0.2	0.33	14.25	0.08	1.77
40357373		0.24	55.5	0.08	4.9	35.2	11.15	88.3	5.32	2	456	0.2	0.31	15.50	0.09	2.04
40357374		0.40	39.2	0.16	6.5	29.6	8.50	99.2	4.72	2	367	0.4	0.37	12.85	0.14	2.60
40357375		0.46	32.1	0.22	6.3	29.2	7.91	87.6	5.05	1	463	0.5	0.44	7.52	0.21	2.30
40357376		0.51	36.1	0.19	6.3	35.5	9.78	97.1	6.10	3	503	0.4	0.48	7.65	0.18	2.46
40357377		0.12	15.0	0.05	3.3	13.3	3.86	118.5	2.96	1	196.5	0.3	0.17	11.40	0.04	7.93
40357378		0.52	30.6	0.19	7.6	26.1	7.34	155.5	4.81	3	346	0.6	0.48	8.56	0.20	2.91
40357379		0.33	31.2	0.09	14.0	27.6	8.12	93.3	6.52	3	292	1.6	0.48	18.15	0.09	7.07
40357380		1.28	30.5	0.52	13.9	38.8	9.84	100.5	8.22	2	573	0.8	1.05	4.23	0.50	1.83
40357381		0.48	44.9	0.17	9.0	38.1	10.65	147.5	6.13	3	470	0.6	0.52	10.95	0.18	4.49
40357382		0.22	28.7	0.06	4.1	26.8	7.77	116.0	5.39	1	211	0.4	0.36	22.5	0.06	25.7
40357383		0.35	31.1	0.12	6.6	27.0	7.68	123.5	5.14	2	346	0.4	0.41	10.90	0.14	8.93
40357384		0.09	10.9	0.01	1.8	9.8	2.84	102.0	2.02	1	195.0	0.1	0.17	8.66	0.02	23.4

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357347		84	1	11.6	1.00	144	0.4	0.10	<0.005	0.028	0.001	<0.05	0.3	0.03	0.31	0.12
40357347 CRD		91	1	12.0	1.07	136	0.7	0.13	<0.005	0.037	0.001	<0.05	0.4	0.02	0.33	0.10
40357348		22	2	8.0	0.47	253	<0.1	0.06	<0.005	0.021	<0.001	<0.05	0.2	0.01	0.20	0.07
40357349		91	2	12.2	1.19	128	<0.1	0.12	<0.005	0.034	<0.001	<0.05	<0.2	0.04	0.55	0.11
40357350		109	2	31.3	3.10	281	0.2	0.01	<0.005	0.030	<0.001	<0.05	0.3	0.01	0.30	0.04
40357351		96	1	12.3	1.28	170	<0.1	0.14	<0.005	0.029	<0.001	<0.05	0.3	0.03	0.42	0.11
40357352		146	1	14.4	1.25	120	<0.1	0.18	<0.005	0.012	<0.001	<0.05	<0.2	0.01	0.64	0.07
40357353		110	1	11.8	1.06	150	0.2	0.12	<0.005	0.039	0.001	<0.05	0.4	0.04	0.53	0.09
40357354		92	1	10.7	1.04	157	0.2	0.11	<0.005	0.031	0.001	<0.05	0.3	0.03	0.53	0.08
40357355		116	251	13.6	1.31	145	<0.1	0.18	<0.005	0.030	0.001	<0.05	0.2	0.04	0.47	0.11
40357356		111	2	12.8	1.31	121	0.1	0.16	<0.005	0.027	0.001	<0.05	0.3	0.02	0.42	0.20
40357357		302	1	18.0	1.85	75	<0.1	0.19	<0.005	0.017	<0.001	<0.05	0.3	0.01	0.19	0.17
40357358		136	1	16.4	1.69	119	0.1	0.18	<0.005	0.013	<0.001	<0.05	0.3	0.05	0.19	0.22
40357359		149	1	17.8	2.00	125	0.7	0.44	<0.005	0.039	<0.001	<0.05	0.2	0.05	0.19	0.18
40357360		169	1	18.1	1.70	109	3.7	0.13	<0.005	0.032	0.003	0.26	1.1	0.05	0.44	0.52
40357361		11	1	5.3	0.43	37	0.2	0.16	<0.005	0.011	<0.001	<0.05	0.2	0.02	<0.02	0.05
40357362		98	1	11.7	1.10	158	0.2	0.16	<0.005	0.026	0.001	<0.05	0.2	0.03	0.08	0.05
40357363		93	2	11.5	0.90	132	0.1	0.16	<0.005	0.019	<0.001	<0.05	<0.2	0.02	0.03	0.06
40357364		6	<1	3.6	0.34	44	<0.1	0.04	<0.005	0.008	<0.001	<0.05	<0.2	<0.01	0.02	0.04
40357365		6	1	2.8	0.19	26	0.1	0.16	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.02	0.02
40357366		5	2	3.0	0.20	26	<0.1	0.07	<0.005	0.023	<0.001	<0.05	<0.2	<0.01	0.03	0.05
40357367		39	1	8.4	0.70	216	0.4	0.08	<0.005	0.016	<0.001	0.05	0.2	0.01	0.04	0.05
40357367 CRD		36	2	9.1	0.69	243	0.3	0.09	<0.005	0.016	<0.001	0.05	<0.2	0.01	0.03	0.05
40357368		88	6	10.4	1.06	141	0.4	0.11	<0.005	0.030	<0.001	0.05	0.2	0.03	0.10	0.07
40357369		99	2	12.7	1.30	152	0.1	0.16	<0.005	0.033	0.001	0.05	0.3	0.03	0.23	0.05
40357370		103	1	12.9	1.44	140	0.1	0.16	<0.005	0.031	<0.001	0.05	0.2	0.03	0.22	0.05
40357371		105	1	9.8	0.94	127	0.1	0.12	<0.005	0.033	<0.001	0.05	<0.2	0.02	0.20	0.04
40357372		28	1	7.2	0.57	190	0.3	0.11	<0.005	0.016	<0.001	0.05	0.4	0.01	0.08	0.14
40357373		26	1	6.4	0.49	196	<0.1	0.08	<0.005	0.014	<0.001	0.05	0.2	0.02	0.13	0.11
40357374		70	3	10.0	0.95	188	0.1	0.19	<0.005	0.027	<0.001	0.05	0.2	0.03	0.35	0.07
40357375		104	1	12.7	1.25	127	0.2	0.15	<0.005	0.031	<0.001	0.05	0.3	0.03	0.41	0.07
40357376		100	1	12.5	1.20	156	<0.1	0.14	<0.005	0.028	<0.001	0.05	0.4	0.04	0.59	0.09
40357377		5	1	3.3	0.25	122	<0.1	0.06	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.03	0.04
40357378		108	1	13.5	1.31	134	0.1	0.08	<0.005	0.044	0.001	<0.05	0.2	0.03	0.89	0.10
40357379		47	1	8.5	0.55	113	<0.1	2.57	<0.005	0.030	0.004	<0.05	2.2	0.16	0.71	0.71
40357380		119	1	33.6	3.29	339	0.4	0.02	<0.005	0.029	<0.001	<0.05	<0.2	0.02	0.36	0.04
40357381		97	1	12.5	1.18	178	<0.1	0.20	<0.005	0.036	<0.001	<0.05	0.3	0.03	0.79	0.15
40357382		6	1	5.6	0.43	113	<0.1	0.06	<0.005	0.008	<0.001	0.05	<0.2	<0.01	0.07	0.02
40357383		66	1	10.0	0.77	117	<0.1	0.09	<0.005	0.030	<0.001	<0.05	0.5	0.02	0.58	0.08
40357384		5	<1	2.4	0.16	51	<0.1	0.06	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.03	0.04

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05
40357347		0.10	18.4	63.6	42.1	2.26	45.5	18.6	13.2	75	0.001	0.0010	0.001			
40357347 CRD		0.09	17.4	59.4	40.2	2.50	43.8	15.2	12.4	83	0.001	0.0010	0.001			
40357348		0.04	5.3	36.5	23.1	1.42	19.5	41.8	6.3	54	0.001	<0.0005	<0.001			
40357349		0.07	17.2	88.2	34.7	2.27	43.5	15.1	12.6	89	0.001	0.0010	0.001			
40357350		0.08	14.3	15.3	17.4	1.18	8.8	12.8	14.2	93	0.001	0.0007	<0.001			
40357351		0.07	18.9	57.2	33.8	2.05	51.2	16.4	12.9	83	0.002	0.0011	0.001			
40357352		0.15	40.6	33.9	51.5	0.64	222	7.6	25.7	91	0.001	0.0028	0.003			
40357353		0.06	21.2	55.8	43.5	1.98	67.2	14.3	15.2	89	0.001	0.0016	0.002			
40357354		0.07	17.3	38.3	35.3	1.88	53.3	16.8	11.9	79	0.001	0.0013	0.001			
40357355		0.12	25.6	56.1	48.2	3.62	72.0	16.2	17.6	90	0.002	0.0013	0.001			
40357356		0.12	23.9	45.3	37.9	1.81	64.6	18.7	18.9	86	0.001	0.0010	0.001			
40357357		0.19	48.1	83.9	35.2	0.52	50.0	11.0	48.2	111	0.002	0.0006	0.001			
40357358		0.11	20.9	52.3	22.8	0.87	9.4	10.6	18.4	87	0.002	<0.0005	<0.001			
40357359		0.38	21.8	60.7	37.6	0.74	11.5	55.8	20.4	248	0.001	<0.0005	<0.001			
40357360		0.27	66.5	1180	36.7	3.32	735	6.2	20.6	118	0.025	0.0566	0.210			
40357361		0.02	2.6	51.2	6.7	1.32	3.6	33.1	2.6	12	0.001	<0.0005	<0.001			
40357362		0.02	19.2	33.8	54.9	2.74	56.4	8.2	13.5	57	0.001	0.0009	0.001			
40357363		<0.02	22.1	12.0	78.1	3.09	62.9	3.0	13.2	79	0.001	0.0012	0.001			
40357364		<0.02	1.7	25.6	12.3	1.64	3.9	40.4	1.2	7	0.001	<0.0005	<0.001			
40357365		<0.02	1.6	15.8	8.3	2.11	3.0	35.8	2.1	11	0.001	<0.0005	<0.001			
40357366		<0.02	1.7	132.0	11.3	1.68	3.5	40.1	2.6	15	0.001	<0.0005	<0.001			
40357367		0.02	7.8	16.2	38.5	2.85	24.8	15.1	7.5	30	0.001	0.0006	0.001			
40357367 CRD		0.02	7.5	16.6	35.8	2.09	23.8	15.0	7.3	30	0.001	0.0006	0.001			
40357368		0.03	19.0	51.9	52.9	3.29	57.3	8.2	13.1	69	0.001	0.0012	0.001			
40357369		0.08	19.4	69.4	49.0	3.39	62.2	13.2	13.7	75	0.002	0.0014	0.002			
40357370		0.08	19.4	54.7	47.2	2.91	58.4	11.1	13.8	75	0.002	0.0014	0.002			
40357371		0.03	27.9	57.5	94.7	0.95	200	6.0	14.9	76	0.001	0.0020	0.003			
40357372		0.11	5.5	66.6	18.6	1.40	18.9	35.0	4.4	57	0.001	<0.0005	<0.001			
40357373		0.06	5.3	58.8	19.3	1.51	11.5	33.4	4.0	44	0.001	<0.0005	<0.001			
40357374		0.06	14.6	40.0	43.3	2.38	46.0	19.2	10.9	66	0.001	0.0008	0.001			
40357375		0.08	22.0	50.8	51.9	2.05	76.1	16.7	15.5	81	0.001	0.0013	0.002			
40357376		0.31	21.0	80.3	44.3	1.77	77.7	19.5	14.3	92	0.002	0.0014	0.001			
40357377		0.03	1.1	6.5	8.4	1.53	4.1	48.5	2.2	15	0.001	<0.0005	<0.001			
40357378		0.11	20.4	137.0	64.7	2.24	62.9	18.0	15.1	94	0.001	0.0015	0.002			
40357379		0.15	62.9	2220	45.9	2.79	1855	31.7	9.0	67	0.012	0.0046	0.010			
40357380		0.07	17.2	20.8	21.3	1.17	16.4	11.1	15.7	90	0.002	0.0006	0.001			
40357381		0.12	21.0	424	58.9	1.77	84.7	17.0	14.0	103	0.002	0.0011	0.001			
40357382		0.03	1.7	28.4	13.1	1.44	4.9	49.8	2.7	16	0.001	<0.0005	<0.001			
40357383		0.10	13.4	65.7	48.7	1.71	41.3	25.9	10.3	88	0.002	0.0009	0.001			
40357384		0.03	0.7	1.7	10.3	1.77	1.9	54.7	1.3	10	0.001	<0.0005	<0.001			

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
40357347															
40357347 CRD															
40357348															
40357349															
40357350															
40357351															
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40357379															
40357380															
40357381															
40357382															
40357383															
40357384															

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	Pass2mm	Pass75um	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01
40357385		3.24			62.5	14.85	6.89	3.15	3.15	3.34	2.41	0.022	0.57	0.09	0.13	0.04
40357386		3.32			67.0	15.15	5.98	2.93	2.63	3.50	2.74	0.021	0.52	0.08	0.14	0.04
40357387		3.63			66.9	15.50	5.84	3.28	2.64	3.57	2.34	0.022	0.50	0.08	0.14	0.05
40357387 CRD		<0.02			67.0	15.45	5.81	3.31	2.61	3.60	2.32	0.022	0.49	0.08	0.15	0.05
40357388		2.84			70.7	14.80	3.24	2.29	1.12	3.95	3.17	0.009	0.23	0.04	0.19	0.03
40357389		2.01			65.9	13.95	6.02	3.07	2.65	3.03	2.14	0.022	0.50	0.08	0.15	0.04
40357390		0.17			45.4	18.50	12.15	9.49	7.47	2.05	1.04	0.338	1.33	0.14	0.17	0.05
40357391		1.99			64.7	15.65	6.67	2.94	2.97	3.77	2.50	0.022	0.57	0.09	0.16	0.04
40357392		0.76			66.8	14.55	3.94	2.58	4.18	4.14	2.20	0.053	0.19	0.06	0.09	0.03
40357393		3.29			62.1	14.95	6.53	3.69	4.63	3.25	2.63	0.046	0.51	0.09	0.16	0.05
40357394		1.98			73.6	12.75	2.50	1.45	0.71	3.24	3.81	0.007	0.18	0.03	0.05	0.02
40357395		0.62			76.6	10.00	3.80	5.76	1.39	1.30	0.95	0.012	0.27	0.09	0.11	0.03
40357396		2.91			65.8	15.15	6.31	3.00	2.88	3.52	2.44	0.022	0.53	0.09	0.13	0.05
40357397		1.24			72.1	13.90	2.99	2.41	1.06	4.16	2.20	0.011	0.23	0.03	0.06	0.03
40357398		3.07			67.0	14.60	4.93	3.15	2.44	3.19	3.60	0.019	0.43	0.07	0.14	0.05
40357399		1.58			77.3	12.85	0.97	1.09	0.15	3.48	4.21	0.002	0.04	0.01	0.03	0.02
40357400		1.45			76.9	12.65	1.05	1.00	0.16	3.29	4.45	0.004	0.04	0.01	0.03	0.02
40357401		3.35			77.3	12.85	1.08	0.52	0.19	2.67	6.28	0.003	0.05	0.01	0.04	0.02
40357402		2.83		87.6	77.2	13.25	0.93	1.07	0.15	3.82	4.02	0.004	0.03	0.01	0.03	0.02
40357403		3.27	77.8	88.3	75.6	13.80	1.50	0.67	0.29	3.59	5.67	0.003	0.08	0.02	0.05	0.02
40357404		1.05			61.8	14.00	7.64	3.74	3.90	3.04	2.31	0.024	0.67	0.09	0.29	0.07
40357405		1.35			77.0	12.25	3.15	2.33	1.15	3.78	1.07	0.011	0.23	0.04	0.08	0.04
40357406		2.76			61.3	15.85	6.74	3.81	2.95	3.23	2.32	0.023	0.60	0.07	0.16	0.06
40357407		2.43			66.2	15.30	6.52	3.62	2.94	3.17	2.15	0.020	0.58	0.08	0.16	0.06
40357407 CRD		<0.02			63.9	14.80	6.34	3.51	2.87	3.06	2.09	0.020	0.57	0.08	0.16	0.06
40357408		3.66			66.3	15.35	6.24	3.22	2.63	3.54	1.96	0.018	0.52	0.08	0.13	0.04
40357409		2.47			67.0	15.15	6.15	2.46	2.49	3.59	2.48	0.017	0.52	0.07	0.13	0.04
40357410		1.06			60.0	17.35	6.70	5.61	2.23	3.56	2.60	0.004	0.85	0.10	0.31	0.06
40357411		2.34			66.9	15.00	5.87	2.76	2.39	3.49	2.22	0.017	0.49	0.08	0.12	0.04
40357412		2.87			58.6	15.95	8.15	4.24	3.75	2.96	2.44	0.014	0.67	0.12	0.20	0.05
40357413		2.61			64.0	15.50	7.16	2.45	3.04	3.65	2.41	0.019	0.59	0.08	0.14	0.04
40357414		3.21			66.9	13.50	5.98	2.84	2.61	2.68	1.97	0.017	0.49	0.07	0.13	0.04
40357415		3.60			66.6	15.05	6.38	3.40	2.95	3.03	2.11	0.019	0.55	0.09	0.16	0.04
40357416		3.68			66.0	14.45	5.64	2.88	2.35	3.34	1.98	0.016	0.49	0.08	0.11	0.04
40357417		1.87			67.0	15.00	6.45	2.90	2.58	3.29	2.05	0.017	0.53	0.08	0.12	0.04
40357418		0.96			62.9	15.30	6.61	3.06	3.29	3.09	2.38	0.022	0.57	0.08	0.21	0.06
40357419		1.26			33.5	8.66	33.2	1.95	2.93	1.40	1.35	0.037	0.34	0.08	0.08	0.02
40357420		0.16			14.65	3.59	52.7	0.99	3.92	0.55	0.65	0.074	0.22	0.11	0.04	0.01
40357421		0.84			62.6	15.80	7.42	2.77	3.23	3.04	2.78	0.021	0.60	0.10	0.14	0.05
40357422		3.67			64.3	15.85	6.96	2.31	2.76	3.79	2.78	0.020	0.54	0.08	0.13	0.04

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357385		0.06	98.03	0.83	0.05	0.22	510	57.9	170	5.95	2.46	1.34	1.00	19.2	3.08	4.3
40357386		0.07	101.46	0.66	0.03	0.26	610	67.6	160	5.68	2.52	1.25	1.01	19.4	3.44	4.0
40357387		0.07	101.95	1.02	0.05	0.18	610	58.6	160	4.54	2.14	1.20	1.00	18.7	3.15	3.4
40357387 CRD		0.07	101.95	0.99	0.06	0.19	620	57.6	160	4.57	2.35	1.20	1.03	19.2	2.91	4.0
40357388		0.05	100.59	0.77	0.08	0.13	492	41.8	70	3.21	2.63	1.09	0.65	18.9	3.56	2.9
40357389		0.06	98.80	1.19	0.09	0.24	556	67.8	160	5.53	2.40	1.21	0.98	17.3	3.31	4.3
40357390		0.04	100.07	1.90	0.05	0.33	344	28.6	2550	2.62	3.67	2.11	1.39	20.3	3.78	2.9
40357391		0.06	100.86	0.72	0.04	0.19	542	64.7	160	7.93	2.58	1.36	1.04	19.0	3.29	3.3
40357392		0.03	100.29	1.45	0.14	0.01	299	47.2	400	7.67	2.91	1.37	0.61	19.1	3.05	2.2
40357393		0.07	100.26	1.55	0.18	0.18	631	67.0	340	7.35	2.41	1.22	1.05	18.4	3.44	3.5
40357394		0.04	98.60	0.21	0.05	0.05	396	29.0	60	3.41	1.26	0.48	0.50	15.3	1.77	2.3
40357395		0.02	101.79	1.46	0.20	0.10	224	29.5	90	1.59	1.09	0.71	0.53	13.9	1.37	1.9
40357396		0.06	100.76	0.78	0.05	0.23	524	73.8	170	5.58	2.35	1.16	1.02	19.4	3.65	4.1
40357397		0.03	100.17	0.96	0.17	0.19	268	76.5	90	2.15	1.53	0.63	0.71	17.4	3.39	5.1
40357398		0.12	100.51	0.77	0.08	0.13	1105	125.5	140	3.18	2.15	1.05	1.02	17.6	3.47	5.7
40357399		0.04	100.39	0.20	0.05	<0.01	413	56.5	20	1.57	1.24	0.32	0.48	13.9	3.05	2.3
40357400		0.05	99.87	0.22	0.05	<0.01	450	74.5	30	1.63	1.39	0.40	0.56	13.2	4.12	1.7
40357401		0.07	101.37	0.29	0.06	<0.01	630	30.5	20	1.54	0.62	0.15	0.51	12.1	1.66	1.4
40357402		0.04	100.90	0.33	0.07	<0.01	374	16.7	30	1.73	0.56	0.25	0.40	13.4	0.92	0.8
40357403		0.06	101.99	0.64	0.11	0.12	609	75.5	20	2.33	1.22	0.41	0.57	14.2	3.06	3.1
40357404		0.07	98.56	0.92	0.04	0.28	629	121.0	180	7.02	2.93	1.23	1.53	18.6	5.45	4.1
40357405		0.02	101.72	0.57	0.06	0.16	155.5	69.4	80	2.65	1.55	0.46	0.59	16.4	3.72	5.9
40357406		0.07	98.18	1.00	0.08	0.29	695	84.3	170	6.03	2.54	1.35	1.17	20.2	4.33	4.6
40357407		0.07	101.92	1.05	0.10	0.21	621	66.9	150	5.34	2.49	1.32	1.11	17.4	3.37	3.4
40357407 CRD		0.07	98.58	1.05	0.11	0.21	617	68.6	150	5.14	2.25	1.24	1.39	16.8	3.49	3.5
40357408		0.06	100.82	0.73	0.08	0.15	540	51.7	130	4.35	2.30	1.30	1.00	18.0	2.88	3.3
40357409		0.06	100.84	0.68	0.05	0.17	568	69.1	130	4.83	2.41	1.22	1.03	18.7	3.30	4.4
40357410		0.11	99.69	0.21	0.05	0.07	1070	68.8	30	1.13	6.22	3.38	1.82	21.0	7.27	7.4
40357411		0.06	100.27	0.83	0.06	0.15	561	56.7	120	3.50	2.07	1.12	0.99	16.5	2.57	3.4
40357412		0.08	98.87	1.65	0.14	0.24	750	51.7	110	4.23	2.87	1.64	1.20	19.1	3.47	3.3
40357413		0.07	100.01	0.86	0.02	0.23	666	61.6	150	6.01	2.60	1.55	1.11	19.8	3.55	3.1
40357414		0.06	98.62	1.33	0.10	0.27	578	52.7	130	4.03	2.12	1.30	1.02	15.8	2.74	3.3
40357415		0.06	101.75	1.31	0.14	0.19	603	65.7	140	4.05	2.42	1.42	1.18	18.0	3.15	3.7
40357416		0.06	98.04	0.60	0.03	0.19	561	60.5	120	3.83	2.18	1.25	0.99	17.3	3.11	3.4
40357417		0.06	101.14	1.02	0.05	0.19	610	61.9	130	3.43	2.33	1.37	0.96	17.5	2.93	4.0
40357418		0.08	99.73	2.08	0.21	0.24	726	87.8	150	3.55	2.40	1.25	1.32	18.5	3.57	3.5
40357419		0.04	91.13	7.54	0.22	15.55	341	30.6	270	3.37	1.52	0.79	0.65	11.8	1.97	1.9
40357420		0.04	88.69	11.15	0.13	25.0	336	12.3	490	1.30	0.93	0.49	0.28	5.9	1.07	0.8
40357421		0.10	100.51	1.86	0.17	0.24	886	67.1	150	5.56	2.84	1.37	1.20	20.7	3.36	4.1
40357422		0.09	100.37	0.72	0.04	0.13	798	56.5	130	5.88	2.43	1.44	1.00	21.0	2.96	3.4

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357385		0.50	29.2	0.21	6.6	24.2	6.26	109.0	4.29	2	347	0.6	0.47	8.38	0.18	3.41
40357386		0.43	34.5	0.18	7.1	26.6	6.88	108.5	4.47	2	397	0.6	0.48	12.00	0.19	4.09
40357387		0.43	29.0	0.19	6.1	24.1	6.29	89.5	4.33	1	424	0.6	0.43	8.04	0.17	3.46
40357387 CRD		0.43	29.3	0.20	6.1	24.1	6.30	88.9	4.67	4	438	0.7	0.39	8.43	0.20	3.88
40357388		0.45	20.5	0.12	6.3	17.3	4.57	91.5	3.78	2	297	0.5	0.46	9.67	0.14	9.07
40357389		0.46	35.1	0.17	6.4	27.8	7.04	101.0	4.67	2	388	0.7	0.39	10.05	0.18	3.33
40357390		0.72	13.4	0.28	7.6	15.5	3.46	35.5	3.51	2	404	0.5	0.59	1.42	0.29	0.41
40357391		0.49	32.5	0.19	6.5	26.8	6.96	123.5	4.50	3	366	0.6	0.46	8.51	0.18	2.54
40357392		0.47	25.0	0.17	8.7	17.3	4.77	94.4	3.73	2	275	2.0	0.49	15.00	0.21	15.05
40357393		0.45	32.7	0.19	6.6	28.1	7.59	118.5	4.92	2	430	0.6	0.46	10.25	0.19	4.52
40357394		0.22	14.0	0.05	5.5	11.1	3.11	108.5	2.29	2	214	0.5	0.26	10.35	0.07	52.9
40357395		0.24	15.4	0.11	3.7	11.5	3.13	54.1	1.99	1	218	0.3	0.20	4.24	0.11	2.14
40357396		0.46	36.0	0.20	6.9	29.9	7.92	104.5	5.07	1	386	0.6	0.51	13.00	0.19	3.35
40357397		0.23	36.6	0.09	7.4	31.4	8.35	79.5	5.54	1	294	0.6	0.33	22.0	0.07	6.75
40357398		0.42	67.4	0.18	6.2	40.3	11.70	118.5	5.56	1	409	0.4	0.42	17.75	0.14	2.77
40357399		0.16	26.4	0.02	1.9	23.5	6.35	94.5	4.90	1	205	0.3	0.31	23.3	0.03	38.0
40357400		0.20	34.2	0.03	1.9	30.1	8.35	100.5	6.52	1	204	0.2	0.38	29.2	0.04	37.2
40357401		0.07	14.3	0.01	2.3	12.2	3.43	141.5	2.44	1	214	0.2	0.14	11.95	0.01	16.50
40357402		0.09	8.2	0.02	1.2	6.6	1.75	86.5	1.57	1	209	0.2	0.11	5.42	0.02	2.85
40357403		0.19	37.7	0.05	3.0	28.0	8.06	126.5	5.33	1	211	0.3	0.30	15.80	0.05	8.81
40357404		0.50	57.2	0.15	8.3	54.6	13.60	136.5	8.87	3	634	0.5	0.66	15.35	0.17	3.42
40357405		0.21	31.6	0.07	6.5	28.4	7.66	54.5	5.71	2	325	0.5	0.42	20.8	0.06	5.98
40357406		0.47	41.1	0.19	9.1	36.7	9.26	112.5	6.06	3	541	1.0	0.52	14.60	0.18	3.98
40357407		0.51	33.7	0.19	5.4	27.6	7.09	72.7	4.57	1	457	0.5	0.41	7.84	0.19	2.50
40357407 CRD		0.47	34.3	0.21	5.7	28.6	7.32	72.7	4.61	1	447	0.4	0.43	8.22	0.18	2.18
40357408		0.41	26.0	0.19	5.5	21.1	5.53	66.8	3.36	1	364	0.5	0.36	6.86	0.18	2.10
40357409		0.44	36.2	0.19	8.1	26.0	7.10	102.0	4.11	3	319	0.7	0.39	12.40	0.16	3.39
40357410		1.22	30.3	0.49	11.7	37.9	8.64	98.7	8.14	2	535	0.7	1.08	4.28	0.49	1.70
40357411		0.41	29.2	0.19	5.3	22.4	5.91	71.2	3.90	1	328	0.5	0.37	8.64	0.17	2.35
40357412		0.59	24.2	0.27	5.9	24.0	6.00	87.4	4.49	1	411	0.5	0.49	5.30	0.24	1.83
40357413		0.52	31.0	0.22	6.1	25.2	6.69	83.9	4.51	1	335	0.5	0.41	8.24	0.25	2.46
40357414		0.44	26.2	0.19	5.0	22.7	5.59	71.5	3.90	1	371	0.5	0.37	6.81	0.18	2.81
40357415		0.47	32.8	0.23	5.7	27.1	7.06	72.8	4.43	1	409	0.5	0.43	8.35	0.19	2.57
40357416		0.41	31.2	0.21	5.6	24.2	6.42	66.5	3.92	1	334	0.5	0.40	9.18	0.20	2.66
40357417		0.50	31.9	0.22	5.6	24.6	6.57	69.8	4.11	1	362	0.5	0.42	8.39	0.20	2.48
40357418		0.50	43.6	0.16	6.4	35.9	10.25	77.8	5.78	1	522	0.5	0.53	9.02	0.16	2.51
40357419		0.30	15.1	0.12	3.4	14.7	3.71	50.5	2.72	1	194.0	0.3	0.27	3.36	0.11	1.04
40357420		0.17	6.1	0.07	2.4	5.8	1.52	20.3	1.18	1	83.5	0.1	0.16	1.47	0.07	0.56
40357421		0.56	32.6	0.23	7.4	27.5	7.58	107.5	4.70	2	448	0.5	0.53	8.98	0.23	2.53
40357422		0.56	27.8	0.20	7.1	23.3	6.39	98.0	4.33	2	371	0.6	0.47	8.22	0.20	3.04

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357385		120	2	13.7	1.24	143	0.1	0.11	<0.005	0.037	<0.001	<0.05	0.2	0.04	0.64	0.10
40357386		103	2	13.3	1.30	145	0.1	0.15	<0.005	0.030	<0.001	<0.05	0.2	0.03	0.60	0.10
40357387		96	2	12.4	1.11	126	<0.1	0.17	<0.005	0.030	<0.001	<0.05	0.2	0.04	0.43	0.09
40357387 CRD		90	2	12.3	1.24	136	0.1	0.17	<0.005	0.032	<0.001	0.05	<0.2	0.03	0.43	0.09
40357388		35	1	12.5	0.91	91	0.3	0.17	<0.005	0.021	0.001	0.06	<0.2	0.02	0.23	0.08
40357389		88	2	12.0	1.11	158	0.2	0.18	<0.005	0.030	0.001	0.06	<0.2	0.03	0.49	0.10
40357390		157	1	19.3	2.06	109	5.0	0.14	0.005	0.034	0.005	0.39	0.8	0.07	0.45	0.45
40357391		115	2	13.5	1.23	118	<0.1	0.16	<0.005	0.037	0.001	0.05	0.2	0.06	0.71	0.10
40357392		38	1	15.7	1.21	62	0.2	0.13	<0.005	0.024	0.001	0.05	<0.2	0.01	0.55	0.05
40357393		102	2	13.1	1.13	135	0.3	0.17	<0.005	0.033	0.001	<0.05	0.3	0.03	0.60	0.09
40357394		26	2	6.0	0.46	65	0.1	0.08	<0.005	0.019	0.001	<0.05	<0.2	0.01	0.29	0.04
40357395		53	1	6.8	0.72	71	0.2	0.13	<0.005	0.007	<0.001	<0.05	<0.2	0.02	0.10	0.06
40357396		104	2	12.5	1.14	145	0.2	0.16	<0.005	0.038	0.001	<0.05	0.2	0.04	0.60	0.11
40357397		30	2	6.6	0.54	162	0.2	0.15	<0.005	0.022	0.005	0.05	<0.2	0.02	0.23	0.11
40357398		71	3	11.4	1.14	213	<0.1	0.11	<0.005	0.015	<0.001	<0.05	0.2	0.03	0.37	0.08
40357399		<5	3	4.2	0.20	58	<0.1	0.15	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.02	0.05
40357400		<5	1	5.0	0.19	47	0.1	0.10	<0.005	0.005	<0.001	<0.05	<0.2	0.01	0.03	0.08
40357401		<5	2	2.0	0.09	36	<0.1	0.08	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.03	0.02
40357402		<5	2	2.5	0.07	21	0.1	0.08	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	0.02	0.06
40357403		7	1	5.0	0.23	100	0.4	0.16	<0.005	0.007	<0.001	<0.05	<0.2	0.01	0.02	0.10
40357404		107	2	14.0	1.12	158	0.1	0.21	<0.005	0.050	0.001	<0.05	0.2	0.03	0.88	0.13
40357405		32	3	6.5	0.49	172	0.1	0.11	<0.005	0.022	<0.001	0.05	<0.2	0.03	0.29	0.07
40357406		106	3	13.7	1.20	156	0.4	0.15	<0.005	0.036	<0.001	0.05	0.2	0.05	0.63	0.11
40357407		104	2	13.2	1.31	128	0.3	0.15	<0.005	0.032	0.001	0.06	0.2	0.04	0.38	0.08
40357407 CRD		100	1	13.3	1.15	130	0.3	0.16	<0.005	0.031	0.001	0.05	0.3	0.05	0.39	0.08
40357408		98	2	11.8	1.17	112	0.1	0.15	<0.005	0.034	<0.001	<0.05	<0.2	0.03	0.40	0.07
40357409		101	3	12.7	1.34	159	0.1	0.19	<0.005	0.037	0.001	<0.05	<0.2	0.04	0.52	0.06
40357410		106	1	34.7	3.38	290	0.2	0.01	<0.005	0.029	<0.001	<0.05	<0.2	0.01	0.32	0.03
40357411		91	1	11.7	1.15	126	0.2	0.21	<0.005	0.028	0.001	<0.05	<0.2	0.02	0.36	0.07
40357412		145	5	16.1	1.50	120	0.6	0.27	<0.005	0.032	0.001	0.05	0.4	0.04	0.33	0.07
40357413		126	2	14.3	1.33	116	0.5	0.20	<0.005	0.045	<0.001	<0.05	0.3	0.05	0.44	0.08
40357414		96	1	11.9	1.21	119	0.5	0.19	<0.005	0.027	0.001	<0.05	<0.2	0.05	0.28	0.09
40357415		106	2	13.4	1.30	141	0.5	0.21	<0.005	0.032	<0.001	0.05	0.2	0.03	0.31	0.08
40357416		95	1	12.7	1.05	127	0.3	0.16	<0.005	0.035	0.001	<0.05	<0.2	0.03	0.39	0.08
40357417		98	1	13.0	1.20	149	0.3	0.16	<0.005	0.035	0.001	<0.05	<0.2	0.03	0.30	0.08
40357418		110	2	13.5	1.16	138	1.1	0.23	<0.005	0.037	0.001	0.05	0.4	0.04	0.21	0.22
40357419		79	2	7.2	0.80	65	5.1	17.20	<0.005	0.024	0.062	0.10	38.8	1.78	1.13	21.8
40357420		54	1	5.2	0.51	28	29.2	2.08	0.097	0.312	0.153	2.40	97.6	6.99	0.48	5.23
40357421		125	2	14.4	1.37	161	0.6	0.19	<0.005	0.040	0.001	0.06	0.4	0.05	0.37	0.18
40357422		116	2	13.9	1.36	130	0.1	0.14	<0.005	0.041	0.001	<0.05	0.3	0.05	0.52	0.08

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05
40357385		0.10	21.9	53.3	64.7	2.14	64.2	15.0	16.6	92	0.002	0.0015	0.001			
40357386		0.09	18.7	50.0	61.4	2.20	60.9	19.1	13.5	80	0.002	0.0012	0.001			
40357387		0.09	17.8	42.4	43.9	1.94	64.7	16.8	12.2	74	0.002	0.0012	0.001			
40357387 CRD		0.09	17.9	42.0	44.2	2.17	65.1	17.0	12.3	77	0.002	0.0011	0.001			
40357388		0.06	7.3	24.8	28.5	1.43	23.4	30.8	6.0	49	0.001	<0.0005	<0.001			
40357389		0.08	18.5	50.3	48.6	2.12	64.6	15.9	12.6	88	0.001	0.0011	0.001			
40357390		0.28	61.9	1135	37.5	2.98	704	6.8	16.8	109	0.034	0.0551	0.236			
40357391		0.08	21.4	47.6	52.5	2.23	80.3	15.1	15.0	86	0.002	0.0014	0.002			
40357392		0.04	14.9	3.1	55.8	3.11	145.0	24.4	7.2	54	0.001	0.0018	0.002			
40357393		0.10	22.9	41.9	53.3	2.02	120.5	16.2	13.7	83	0.001	0.0019	0.002			
40357394		0.04	4.5	13.2	19.0	2.09	13.6	56.6	4.7	38	0.001	<0.0005	<0.001			
40357395		0.22	7.9	25.1	16.0	2.96	25.7	6.1	5.4	43	0.001	0.0006	0.001			
40357396		0.10	19.5	54.3	48.2	2.40	71.6	15.0	13.8	81	0.002	0.0013	0.001			
40357397		0.05	7.4	58.4	21.0	9.02	24.3	22.1	4.9	43	0.002	0.0005	0.001			
40357398		0.07	14.3	28.1	33.3	1.98	55.4	17.4	9.3	64	0.001	0.0007	0.001			
40357399		0.03	0.7	1.4	8.3	1.98	1.5	55.6	1.3	7	0.001	<0.0005	<0.001			
40357400		0.02	0.7	1.2	8.8	2.16	1.5	56.3	1.5	8	0.001	<0.0005	<0.001			
40357401		<0.02	0.8	0.7	8.1	1.35	1.3	47.1	1.7	10	0.001	<0.0005	<0.001			
40357402		0.03	0.6	1.6	8.9	1.99	1.3	36.6	0.9	8	0.001	<0.0005	<0.001			
40357403		0.04	1.8	32.9	11.3	1.46	2.1	42.4	2.0	17	0.001	<0.0005	<0.001			
40357404		0.09	25.0	69.6	68.4	1.71	113.5	15.9	15.6	111	0.002	0.0011	0.001			
40357405		0.07	6.9	35.4	29.1	2.26	27.7	20.6	6.0	47	0.002	0.0014	0.002			
40357406		0.08	23.3	62.7	58.6	1.88	78.1	17.5	15.9	93	0.002	0.0018	0.002			
40357407		0.09	22.5	51.1	52.4	1.64	71.6	14.6	13.2	80	0.001	0.0012	0.001			
40357407 CRD		0.08	22.4	50.9	50.5	1.72	70.8	14.6	13.1	81	0.001	0.0012	0.001			
40357408		0.10	20.0	38.5	53.9	1.64	55.6	14.8	12.7	77	0.002	0.0014	0.001			
40357409		0.08	19.6	49.8	59.4	1.85	55.8	15.3	12.6	76	0.001	0.0013	0.001			
40357410		0.06	16.4	15.0	18.5	1.06	13.0	12.2	15.3	83	0.002	<0.0005	0.001			
40357411		0.07	19.7	45.5	53.8	1.94	54.9	15.5	12.1	77	0.002	0.0013	0.001			
40357412		0.09	27.1	54.4	67.3	1.26	49.5	12.7	20.0	96	0.002	0.0011	0.001			
40357413		0.10	23.7	52.3	74.3	1.90	72.4	15.3	16.1	80	0.002	0.0017	0.002			
40357414		0.08	22.5	60.6	56.5	2.16	65.4	13.1	13.4	69	0.002	0.0014	0.001			
40357415		0.11	21.6	45.7	56.2	1.70	64.0	15.3	13.0	80	0.001	0.0011	0.001			
40357416		0.10	19.8	44.3	59.3	1.75	55.1	15.8	12.9	76	0.002	0.0011	0.001			
40357417		0.10	20.3	68.1	60.9	1.96	57.0	13.9	12.8	75	0.002	0.0012	0.001			
40357418		0.09	23.9	360	64.2	2.41	87.4	19.2	14.9	81	0.002	0.0014	0.001			
40357419		1.38	680	>10000	28.9	1.83	>10000	18.6	11.0	69	0.080	0.0541	0.158	8.93	0.01	1.93
40357420		4.61	1290	>10000	11.2	2.53	>10000	480	6.1	1300	0.265	0.652	0.498	3.48	<0.01	0.94
40357421		0.14	24.1	279	64.6	1.95	112.5	17.1	14.2	92	0.002	0.0016	0.002			
40357422		0.09	22.4	48.5	65.4	1.89	73.9	18.2	15.8	83	0.001	0.0015	0.002			

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
40357385															
40357386															
40357387															
40357387 CRD															
40357388															
40357389															
40357390															
40357391															
40357392															
40357393															
40357394															
40357395															
40357396															
40357397															
40357398															
40357399															
40357400															
40357401															
40357402															
40357403															
40357404															
40357405															
40357406															
40357407															
40357407 CRD															
40357408															
40357409															
40357410															
40357411															
40357412															
40357413															
40357414															
40357415															
40357416															
40357417															
40357418															
40357419		0.072	0.03	4.65	24.1	34.5	1.1	2.89	0.08	3.32	<0.01	16.75	34.4	0.36	0.005
40357420		0.131	0.05	2.60	36.1	51.6	0.5	3.64	0.11	5.99	0.04	25.9	14.3	0.22	0.132
40357421															
40357422															

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	WEI-21	CRU-QC	PUL-QC	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Recvd Wt.	Pass2mm	Pass75um	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01
40357423		2.68			62.4	16.20	8.40	2.30	2.83	3.66	2.53	0.021	0.59	0.10	0.14	0.03
40357424		2.82			62.6	15.50	8.43	2.62	2.87	3.32	2.36	0.019	0.55	0.11	0.16	0.04
40357425		1.81			65.8	14.65	6.60	3.14	2.38	3.07	2.09	0.019	0.52	0.10	0.13	0.04
40357426		3.72			67.7	14.85	5.59	3.20	2.20	3.41	1.97	0.018	0.49	0.08	0.13	0.04
40357427		3.69			67.1	14.65	5.04	3.10	2.48	3.47	2.30	0.019	0.45	0.07	0.12	0.05
40357427 CRD		<0.02			68.2	14.85	5.09	3.10	2.41	3.53	2.31	0.018	0.45	0.07	0.13	0.04
40357428		3.15			66.9	15.15	5.87	3.22	2.72	3.42	2.32	0.019	0.51	0.08	0.15	0.05
40357429		0.99			66.4	15.45	6.28	2.83	2.53	3.71	2.30	0.020	0.52	0.09	0.13	0.04
40357430		0.95			65.1	15.45	6.24	2.86	2.59	3.68	2.33	0.020	0.52	0.08	0.14	0.05
40357431		0.88			56.7	14.75	12.70	1.83	3.16	3.37	1.98	0.025	0.79	0.11	0.03	0.03
40357432		1.02			72.8	12.60	4.16	1.68	1.43	3.81	1.67	0.013	0.32	0.05	0.05	0.03
40357433		1.97			63.5	14.65	5.46	2.68	2.69	3.84	3.07	0.021	0.49	0.07	0.12	0.03

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	TOT-ICP06	OA-GRA05	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	BaO	Total	LOI	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2
40357423		0.07	99.76	0.49	0.02	0.15	677	62.3	140	5.40	2.83	1.60	1.08	20.8	3.50	3.4
40357424		0.06	99.34	0.70	0.03	0.24	560	61.9	130	5.13	2.77	1.46	0.96	19.4	3.33	3.7
40357425		0.07	99.12	0.51	0.47	0.28	607	56.2	130	4.06	2.41	1.25	1.01	18.9	2.70	3.6
40357426		0.08	100.36	0.60	0.02	0.21	608	53.2	100	3.02	1.94	0.95	0.88	15.4	2.71	3.5
40357427		0.08	99.50	0.57	0.03	0.18	759	57.0	130	4.01	2.48	1.11	0.92	18.7	2.89	3.4
40357427 CRD		0.08	100.79	0.51	0.03	0.17	727	53.9	120	3.73	2.13	1.08	0.95	17.8	2.71	3.3
40357428		0.08	101.13	0.64	0.02	0.25	736	68.9	130	4.88	2.22	1.28	1.01	19.2	3.22	3.5
40357429		0.06	101.32	0.96	0.02	0.19	611	68.0	150	4.69	2.73	1.50	1.01	19.6	3.70	3.9
40357430		0.07	100.12	0.99	0.02	0.19	616	61.1	150	4.63	2.58	1.25	1.02	19.0	3.12	3.5
40357431		0.03	99.44	3.93	0.11	2.19	289	90.0	170	2.11	2.13	0.65	0.75	32.6	4.89	9.0
40357432		0.03	100.38	1.74	0.13	0.18	266	81.7	90	1.42	1.98	0.77	0.73	19.3	4.08	11.8
40357433		0.06	99.79	3.11	0.44	0.10	553	56.7	140	1.60	2.27	1.26	0.86	18.4	2.94	4.0

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
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VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.1	0.01	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05
40357423		0.54	31.4	0.24	6.6	25.9	6.97	91.2	4.82	1	302	0.5	0.55	8.54	0.23	2.40
40357424		0.59	32.0	0.22	6.5	25.9	7.16	88.9	4.45	1	337	0.5	0.51	8.27	0.21	3.82
40357425		0.53	29.3	0.19	6.0	22.3	6.41	69.4	3.86	1	366	0.5	0.46	7.92	0.18	2.91
40357426		0.46	27.1	0.20	5.3	20.9	5.89	52.1	3.59	1	349	0.4	0.38	7.51	0.15	2.58
40357427		0.47	28.6	0.17	5.8	23.3	6.38	73.6	4.23	1	416	0.4	0.46	8.33	0.18	2.53
40357427 CRD		0.44	27.6	0.16	5.7	23.1	5.95	72.8	4.08	1	396	0.4	0.40	7.64	0.16	2.75
40357428		0.48	34.6	0.19	7.3	28.5	7.76	90.6	4.68	1	445	0.6	0.50	8.15	0.17	2.29
40357429		0.51	35.3	0.19	7.0	29.1	7.82	91.0	5.20	1	393	0.5	0.55	11.00	0.23	2.89
40357430		0.56	31.6	0.23	6.0	24.6	6.99	91.3	4.24	2	386	0.5	0.47	9.38	0.21	2.64
40357431		0.34	41.5	0.10	35.3	37.6	10.55	72.4	7.41	7	264	2.1	0.60	21.1	0.09	4.77
40357432		0.32	38.2	0.13	10.8	34.7	9.66	70.3	7.13	3	314	0.7	0.49	19.50	0.12	7.84
40357433		0.47	29.1	0.17	6.2	22.9	6.39	110.5	4.23	2	274	0.5	0.46	8.68	0.20	2.81

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61
	Analyte	V	W	Y	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	5	1	0.1	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01
40357423		131	1	14.9	1.36	130	0.1	0.17	<0.005	0.045	0.001	0.07	0.6	0.04	0.50	0.07
40357424		114	1	15.2	1.44	137	0.1	0.19	<0.005	0.045	0.001	0.07	0.2	0.04	0.47	0.09
40357425		101	1	13.2	1.50	154	<0.1	0.20	0.007	0.039	0.001	0.07	0.4	0.03	0.42	0.09
40357426		81	1	11.1	1.21	134	0.2	0.18	<0.005	0.036	0.001	0.07	0.3	0.03	0.34	0.07
40357427		82	3	12.2	1.09	137	0.1	0.14	<0.005	0.032	0.001	0.06	0.3	0.03	0.38	0.08
40357427 CRD		83	1	10.9	1.04	132	0.2	0.14	<0.005	0.033	0.001	0.06	0.3	0.04	0.37	0.08
40357428		99	1	12.4	1.20	138	0.1	0.19	<0.005	0.035	0.001	<0.05	0.4	0.03	0.50	0.09
40357429		115	2	14.5	1.50	159	0.1	0.12	0.005	0.040	0.001	<0.05	0.3	0.04	0.44	0.10
40357430		114	1	14.5	1.27	152	0.2	0.11	<0.005	0.038	0.001	<0.05	0.5	0.03	0.39	0.08
40357431		94	2	8.8	0.67	291	2.2	0.41	<0.005	0.068	0.003	0.12	0.6	0.12	0.04	0.16
40357432		57	1	9.4	0.90	360	0.3	0.11	<0.005	0.035	0.001	0.06	0.3	0.02	0.03	0.06
40357433		95	1	12.0	1.22	155	0.3	0.10	<0.005	0.037	<0.001	<0.05	0.4	0.03	0.02	0.06

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.02	0.1	0.2	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05
40357423		0.10	24.2	47.8	57.3	1.57	72.9	15.9	17.4	84	0.002	0.0018	0.002			
40357424		0.10	22.4	72.0	53.7	2.62	65.7	15.1	16.3	82	0.003	0.0016	0.002			
40357425		0.10	20.3	60.7	44.2	2.07	56.6	15.9	12.8	78	0.002	0.0013	0.001			
40357426		0.11	18.0	40.9	37.0	1.72	49.7	15.9	11.1	75	0.002	0.0012	0.001			
40357427		0.10	17.5	35.7	30.3	1.28	61.8	17.4	10.5	71	0.002	0.0011	0.001			
40357427 CRD		0.08	16.9	35.9	31.9	1.53	56.9	17.5	10.2	70	0.002	0.0011	0.001			
40357428		0.09	19.1	47.9	38.6	1.48	60.8	14.6	11.4	78	0.002	0.0012	0.001			
40357429		0.10	19.9	49.2	53.0	1.73	57.7	16.2	13.9	80	0.002	0.0017	0.002			
40357430		0.09	20.3	47.5	54.3	1.53	56.7	15.3	13.1	78	0.002	0.0016	0.002			
40357431		0.24	52.9	202	26.7	2.93	102.0	30.8	21.2	181	0.004	0.0025	0.002			
40357432		0.13	9.8	37.3	21.3	1.70	30.9	21.8	8.4	83	0.002	0.0008	0.001			
40357433		0.04	17.9	36.0	45.7	1.56	54.1	10.3	11.6	78	0.002	0.0013	0.001			

***** See Appendix Page for comments regarding this certificate *****

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.002	0.01	0.002	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
40357423 40357424 40357425 40357426 40357427															
40357427 CRD 40357428 40357429 40357430 40357431															
40357432 40357433															

***** See Appendix Page for comments regarding this certificate *****

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

CERTIFICATE OF ANALYSIS TB18109461

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:

CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-32	PUL-32d	PUL-QC
SPL-21d	SPL-22	SPL-22X	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

C-IR07	ME-ICP06	ME-ICP81	ME-MS42
ME-MS61	ME-MS81	OA-GRA05	PGM-MS24
S-IR08	TOT-ICP06		

Appendix F: QC Certificates

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
This copy reported on
4-JUN-2018
Account: KAV

QC CERTIFICATE TB18091733

Project: EB80004237

P.O. No.: 3103094877

This report is for 119 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 23-APR-2018.

The following have access to data associated with this certificate:

RTXAMRNA ASSAY RESULTS JUSTIN LABERGE	RACHELLE BOULANGER	SUE DRIEBERG

To: **RIO TINTO EXPLORATION CANADA INC.**
ATTN: JUSTIN LABERGE
1300 WEST WALSH STREET
THUNDER BAY ON P7E 4X4

SAMPLE PREPARATION

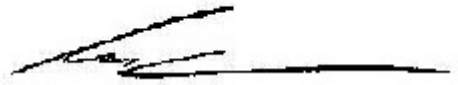
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-22	Split sample - rotary splitter
SPL-22X	Addnl Rot Cru Split w No Analysis
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
TOT-ICP06	Total Calculation for ICP06	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
ME-MS61	48 element four acid ICP-MS	
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
AMIS0085		71.2	10.95	3.49	3.24	1.67	1.71	4.64	0.076	0.20	0.06	0.07	0.01	0.04	99.90	
AMIS0085		71.3	10.70	3.53	3.32	1.79	1.72	4.61	0.078	0.21	0.07	0.05	0.01	0.04	99.97	
AMIS0085		72.3	11.10	3.45	3.24	1.75	1.71	4.62	0.081	0.21	0.07	0.07	0.01	0.04	101.19	
AMIS0085		70.9	10.85	3.39	3.20	1.73	1.66	4.58	0.077	0.20	0.06	0.08	0.01	0.04	99.32	
AMIS0085		72.1	11.05	3.37	3.29	1.78	1.68	4.60	0.077	0.20	0.06	0.05	0.01	0.04	100.85	
AMIS0085		74.2	11.00	3.53	3.24	1.77	1.75	4.73	0.077	0.22	0.07	0.05	0.01	0.04	>102.00	
Target Range -	Lower Bound	69.0	10.60	3.33	3.12	1.64	1.62	4.48	0.068	0.18	0.04	0.05	<0.01	0.02	97.99	
	Upper Bound	72.1	11.35	3.67	3.44	1.86	1.84	4.90	0.090	0.24	0.09	0.10	0.03	0.06	>102.00	
AMIS0167																
Target Range -	Lower Bound															
	Upper Bound															
AMIS0167		92.6	2.43	3.39	0.13	0.23	0.09	0.50	0.059	0.14	0.02	0.03	<0.01	0.01	101.25	
AMIS0167		91.1	2.39	3.35	0.13	0.23	0.09	0.49	0.058	0.14	0.02	0.04	<0.01	0.01	99.67	
AMIS0167		92.5	2.46	3.42	0.12	0.23	0.08	0.50	0.060	0.15	0.02	0.03	<0.01	0.01	101.20	
AMIS0167		94.5	2.48	3.54	0.13	0.24	0.08	0.50	0.060	0.15	0.02	0.03	<0.01	0.01	>102.00	
AMIS0167		87.7	2.36	3.36	0.14	0.23	0.07	0.47	0.056	0.14	0.02	0.03	<0.01	0.01	96.21	
Target Range -	Lower Bound	89.6	2.29	3.28	0.10	0.21	0.06	0.45	0.049	0.12	<0.01	<0.01	<0.01	<0.01	97.99	
	Upper Bound	93.3	2.55	3.62	0.16	0.27	0.12	0.55	0.067	0.18	0.04	0.05	0.02	0.02	>102.00	
AMIS0185																20.9
AMIS0185																20.9
Target Range -	Lower Bound															20.1
	Upper Bound															22.3
AMIS0286																7.67
AMIS0286																7.59
Target Range -	Lower Bound															7.25
	Upper Bound															8.03
AMIS0304		12.50	1.53	21.5	28.8	2.82	0.10	0.27	0.013	1.79	0.44	18.30	0.41	0.29		
Target Range -	Lower Bound	11.90	1.42	20.3	27.7	2.72	0.06	0.25	0.005	1.69	0.41	17.80	0.36	0.25		
	Upper Bound	12.75	1.62	21.6	29.3	3.02	0.12	0.31	0.016	1.91	0.51	18.90	0.44	0.31		
AMIS0304		12.15	1.50	21.5	29.1	2.89	0.10	0.27	0.014	1.72	0.45	18.05	0.41	0.29	96.18	
AMIS0304		12.20	1.53	20.9	29.1	2.87	0.08	0.26	0.013	1.70	0.45	18.00	0.41	0.29	95.54	
Target Range -	Lower Bound	11.90	1.42	20.3	27.7	2.72	0.06	0.25	0.005	1.69	0.41	17.80	0.36	0.25		
	Upper Bound	12.75	1.62	21.6	29.3	3.02	0.12	0.31	0.016	1.91	0.51	18.90	0.44	0.31		

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
AMIS0085				338	66.7	530	4.20	10.35	7.59	0.78	13.1	6.22	4.2	2.62	34.4	1.34
AMIS0085				349	69.4	550	3.94	10.60	7.14	0.92	14.5	6.56	4.4	2.44	36.2	1.38
AMIS0085																
AMIS0085																
AMIS0085				379	73.0	560	4.21	11.80	9.23	0.94	15.2	7.58	4.7	2.66	39.5	1.41
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167				87.6	43.5	410	1.00	6.02	3.02	0.61	3.8	4.53	2.5	1.14	22.1	0.30
Target Range - Lower Bound																
Upper Bound																
AMIS0167				88.0	42.8	410	1.10	5.81	3.02	0.68	3.2	4.53	2.3	1.05	21.6	0.28
AMIS0167				82.1	43.3	410	1.06	5.69	3.08	0.68	3.4	4.98	2.6	1.16	22.3	0.29
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304				2580	7990	90	0.41	127.5	33.0	136.5	48.2	327	27.4	18.45	3350	1.92
Target Range - Lower Bound				2340	7280	70	0.35	119.0	30.6	135.0	47.8	309	25.0	16.20	3250	1.83
Upper Bound				2860	8900	120	0.45	145.5	37.4	165.0	58.7	377	31.0	19.80	3970	2.26
AMIS0304				2560	7860	90	0.40	126.5	31.6	147.0	49.1	323	26.6	17.55	3350	1.92
AMIS0304				2590	7750	100	0.36	141.0	36.1	144.0	79.1	365	27.1	18.40	3370	2.11
Target Range - Lower Bound				2340	7280	70	0.35	119.0	30.6	135.0	47.8	309	25.0	16.20	3250	1.83
Upper Bound				2860	8900	120	0.45	145.5	37.4	165.0	58.7	377	31.0	19.80	3970	2.26

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
AMIS0085		10.5	26.1	7.61	208	6.32	3	95.0	1.7	1.44	49.8	1.32	232	27	2	65.0
AMIS0085		10.7	27.2	7.56	215	6.77	3	97.8	1.6	1.41	51.8	1.30	257	32	1	66.4
AMIS0085																
AMIS0085																
AMIS0085		11.6	28.2	8.60	222	7.17	4	106.5	1.7	1.59	54.8	1.44	258	27	3	70.6
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		4.4	18.7	4.96	15.9	3.93	1	18.6	1.7	0.99	48.1	0.41	463	61	4	23.6
Target Range - Lower Bound																
Upper Bound																
AMIS0167		4.1	17.4	4.89	15.5	4.67	2	18.3	1.7	0.97	43.5	0.42	424	56	2	22.9
AMIS0167		4.3	18.3	4.81	15.7	4.24	1	18.4	1.6	0.87	47.9	0.42	465	65	1	23.0
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304		>2500	3980	>1000	10.1	596	24	3370	13.3	32.1	426	3.34	21.6	382	5	383
Target Range - Lower Bound		4670	3610	925	9.3	543	22	3060	11.1	30.8	406	3.14	21.6	331	3	369
Upper Bound		>2500	4410	>1000	11.8	664	29	3740	13.8	37.7	496	3.86	26.5	415	7	451
AMIS0304		>2500	3940	976	10.5	589	24	3280	12.5	31.9	432	3.22	23.7	368	4	380
AMIS0304		>2500	3700	>1000	10.2	585	24	3440	12.6	36.3	425	3.65	22.6	355	6	382
Target Range - Lower Bound		4670	3610	925	9.3	543	22	3060	11.1	30.8	406	3.14	21.6	331	3	369
Upper Bound		>2500	4410	>1000	11.8	664	29	3740	13.8	37.7	496	3.86	26.5	415	7	451

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
STANDARDS																
AMIS0085		8.71	153													
AMIS0085		9.05	154													
AMIS0085																
AMIS0085																
AMIS0085		9.48	172													
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		2.58	99													
Target Range - Lower Bound																
Upper Bound																
AMIS0167		2.40	95													
AMIS0167		2.75	96													
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304		15.50	1165													
Target Range - Lower Bound		15.25	1005													
Upper Bound		18.75	1230													
AMIS0304		16.45	1115													
AMIS0304		16.80	1150													
Target Range - Lower Bound		15.25	1005													
Upper Bound		18.75	1230													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Li ppm 0.2	ME-MS61 Mo ppm 0.05	ME-MS61 Ni ppm 0.2	ME-MS61 Pb ppm 0.5	ME-MS61 Sc ppm 0.1	ME-MS61 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	PGM-ICP27 Au ppm 0.01	PGM-ICP27 Pt ppm 0.01	PGM-ICP27 Pd ppm 0.01
STANDARDS													
AMIS0085													
AMIS0085													
AMIS0085													
AMIS0085													
AMIS0085													
AMIS0085													
Target Range - Lower Bound													
Upper Bound													
AMIS0167													
Target Range - Lower Bound													
Upper Bound													
AMIS0167													
AMIS0167													
AMIS0167													
AMIS0167													
AMIS0167													
Target Range - Lower Bound													
Upper Bound													
AMIS0185													
AMIS0185													
Target Range - Lower Bound													
Upper Bound													
AMIS0286													
AMIS0286													
Target Range - Lower Bound													
Upper Bound													
AMIS0304													
Target Range - Lower Bound													
Upper Bound													
AMIS0304													
AMIS0304													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
AMIS0486																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																4.23
CDN-W-4																4.21
Target Range - Lower Bound																4.17
Upper Bound																4.63
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
AMIS0486																
Target Range - Lower Bound																
Upper Bound																
CCU-1e			35.3													
Target Range - Lower Bound			34.3													
Upper Bound			36.8													
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1		3.11	2.71													
DS-1		3.12	2.68													
Target Range - Lower Bound		3.01	2.51													
Upper Bound		3.25	2.71													
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10		1.07	0.27													
GS310-10		1.08	0.27													
GS310-10			0.26													
GS310-10			0.28													
Target Range - Lower Bound			0.25													
Upper Bound			0.29													
GS313-8		0.92	1.27													
GS313-8		0.92	1.27													
GS313-8			1.27													
Target Range - Lower Bound			1.19													
Upper Bound			1.29													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
AMIS0486																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
AMIS0486																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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Finalized Date: 16-MAY-2018
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Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
STANDARDS													
AMIS0486											0.21	2.46	1.39
Target Range - Lower Bound											0.21	2.23	1.28
Upper Bound											0.25	2.53	1.46
CCU-1e													
Target Range - Lower Bound													
Upper Bound													
CDN-W-4													
CDN-W-4													
Target Range - Lower Bound													
Upper Bound													
DS-1													
DS-1													
Target Range - Lower Bound													
Upper Bound													
GPP-04								0.085	0.0903	0.096			
GPP-04								0.082	0.0825	0.097			
Target Range - Lower Bound								0.074	0.0822	0.091			
Upper Bound								0.086	0.0938	0.105			
GPP-14											0.93	0.50	0.49
Target Range - Lower Bound											0.84	0.46	0.44
Upper Bound											0.97	0.54	0.52
GS310-10													
GS310-10													
GS310-10													
GS310-10													
Target Range - Lower Bound													
Upper Bound													
GS313-8													
GS313-8													
GS313-8													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
STANDARDS																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146																
Target Range - Lower Bound																
Upper Bound																
OREAS 146		20.6	3.07	29.0	17.60	6.94	0.32	1.30	0.026	1.42	2.48	0.55	0.38	1.55	94.59	
OREAS 146		20.2	3.01	28.6	17.40	6.90	0.31	1.28	0.025	1.39	2.42	0.53	0.37	1.50	93.29	
Target Range - Lower Bound		19.50	2.82	27.5	16.75	6.59	0.26	1.19	0.017	1.35	2.30	0.49	0.33	1.39	97.99	
Upper Bound		20.7	3.12	29.1	17.85	7.15	0.34	1.37	0.031	1.53	2.56	0.59	0.41	1.59	>102.00	
OREAS 501b																
OREAS 501b																
OREAS 501b																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01
STANDARDS																
MA-1b		2.42	1.17													
MA-1b		2.40	1.20													
MA-1b			1.20													
Target Range - Lower Bound			1.12													
Upper Bound			1.22													
MP-1b			13.70													
Target Range - Lower Bound			13.30													
Upper Bound			14.30													
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146				>10000	4520	180	0.51	219	82.0	114.5	27.6	332	3.6	36.1	2350	6.10
Target Range - Lower Bound				11450	4220	160	0.47	202	78.3	114.5	26.2	323	3.6	33.1	2260	5.66
Upper Bound				>10000	5160	220	0.59	246	95.7	139.5	32.2	395	4.8	40.5	2760	6.94
OREAS 146				>10000	4510	180	0.48	218	80.9	116.0	27.3	328	3.9	34.4	2350	6.16
OREAS 146				>10000	4470	180	0.55	215	80.0	121.0	27.0	340	3.9	36.3	2360	5.97
Target Range - Lower Bound				11450	4220	160	0.47	202	78.3	114.5	26.2	323	3.6	33.1	2260	5.66
Upper Bound				>10000	5160	220	0.59	246	95.7	139.5	32.2	395	4.8	40.5	2760	6.94
OREAS 501b																
OREAS 501b																
OREAS 501b																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146		380	2090	538	24.7	410	44	2920	4.0	44.4	926	9.21	2.63	155	27	864
Target Range - Lower Bound		349	1965	493	23.7	397	40	2790	3.6	42.5	813	8.90	2.37	140	25	814
Upper Bound		427	2400	603	29.5	485	52	3410	4.6	51.9	993	10.90	3.01	182	33	996
OREAS 146		387	2110	535	24.6	448	44	2940	4.1	44.0	886	9.38	2.46	147	29	869
OREAS 146		383	2080	535	24.7	429	45	2940	3.8	43.8	938	9.71	2.62	166	26	869
Target Range - Lower Bound		349	1965	493	23.7	397	40	2790	3.6	42.5	813	8.90	2.37	140	25	814
Upper Bound		427	2400	603	29.5	485	52	3410	4.6	51.9	993	10.90	3.01	182	33	996
OREAS 501b																
OREAS 501b																
OREAS 501b																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08				33.3	0.66	0.056	0.146	0.007	3.11	1.0	0.02	0.76				
MRGeo08				34.5	0.65	0.064	0.145	0.007	3.39	1.1	0.03	0.77				
MRGeo08				34.4	0.64	0.062	0.141	0.009	2.98	1.1	0.02	0.77				
Target Range - Lower Bound				29.6	0.60	0.053	0.137	0.006	2.80	0.6	<0.01	0.64				
Upper Bound				36.4	0.76	0.087	0.179	0.010	3.90	1.5	0.04	0.92				
MRGeo08													4.44	2.32	19.3	628
MRGeo08													4.25	2.27	18.8	591
MRGeo08													4.44	2.34	19.4	629
Target Range - Lower Bound													4.00	2.00	17.7	587
Upper Bound													4.92	2.48	21.9	675
OGGeo08													19.95	20.1	96.4	8300
OGGeo08													20.2	20.1	98.0	8440
Target Range - Lower Bound													18.15	16.70	87.2	7800
Upper Bound													22.2	20.5	107.0	8980
OREAS 146		51.3	219													
Target Range - Lower Bound		48.1	204													
Upper Bound		58.9	254													
OREAS 146		49.4	225													
OREAS 146		49.8	224													
Target Range - Lower Bound		48.1	204													
Upper Bound		58.9	254													
OREAS 501b				19.2	1.50	0.011	0.180	0.002	0.43	2.6	0.07	0.62				
OREAS 501b				20.0	1.50	0.012	0.179	0.002	0.48	2.7	0.09	0.64				
OREAS 501b				20.3	1.50	0.015	0.171	0.004	0.47	2.4	0.06	0.66				
Target Range - Lower Bound				16.9	1.43	0.006			0.34	2.2	0.05	0.57				
Upper Bound				20.9	1.77	0.030			0.64	3.3	0.10	0.81				

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
STANDARDS													
MA-1b													
MA-1b													
MA-1b													
Target Range - Lower Bound													
Upper Bound													
MP-1b													
Target Range - Lower Bound													
Upper Bound													
MRGeo08													
MRGeo08													
MRGeo08													
Target Range - Lower Bound													
Upper Bound													
MRGeo08		32.5	15.15	714	1100	11.9	809						
MRGeo08		30.3	14.70	668	1035	11.4	762						
MRGeo08		34.9	15.85	719	1095	12.3	804						
Target Range - Lower Bound		29.5	13.65	622	971	11.1	722						
Upper Bound		36.5	16.75	760	1185	13.7	886						
OGGeo08		30.5	901	8740	7320	10.0	7100						
OGGeo08		35.3	891	8760	7320	10.0	7120						
Target Range - Lower Bound		29.7	841	8000	6520	9.2	6500						
Upper Bound		36.7	1030	9770	7970	11.4	7950						
OREAS 146													
Target Range - Lower Bound													
Upper Bound													
OREAS 146													
OREAS 146													
Target Range - Lower Bound													
Upper Bound													
OREAS 501b													
OREAS 501b													
OREAS 501b													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Finalized Date: 16-MAY-2018
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Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
OREAS 905																
OREAS 905																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105		73.1	14.15	2.84	1.45	0.81	5.09	2.42	0.007	0.42	0.02	0.35	0.01	0.08	100.75	
OREAS-105		71.6	13.75	2.89	1.49	0.83	5.08	2.31	0.007	0.41	0.02	0.33	0.01	0.08	98.81	
OREAS-105		68.8	13.65	2.63	1.39	0.78	4.72	2.20	0.007	0.39	0.02	0.32	<0.01	0.07	94.98	
Target Range - Lower Bound																
Upper Bound																
OREAS-14P		18.35	4.19	49.6	1.30	0.44	0.72	1.00	0.007	0.38	0.07	0.12	0.01	0.04	91.65	
Target Range - Lower Bound		19.20	4.07	51.8	1.30	0.42	0.72	0.97	0.003	0.37	0.05	0.10	<0.01	<0.01	97.99	
Upper Bound		20.4	4.47	54.3	1.48	0.51	0.84	1.12	0.014	0.45	0.11	0.16	0.03	0.06	>102.00	
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
PK2																
Target Range - Lower Bound																
Upper Bound																
SARM-43																47.2
SARM-43																47.3
Target Range - Lower Bound																45.7
Upper Bound																50.5

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
OREAS 905																
OREAS 905																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105				674	109.0	50	2.00	11.90	7.07	1.42	26.2	12.20	6.1	2.47	46.5	0.98
OREAS-105				698	112.5	50	2.09	11.95	7.24	1.39	25.6	12.15	6.7	2.58	48.5	0.94
OREAS-105				699	107.0	50	2.13	12.45	7.34	1.39	26.4	13.25	6.5	2.61	48.1	0.98
Target Range - Lower Bound				632	105.0	40	1.96	10.95	6.72	1.32	24.3	11.65	5.6	2.19	45.8	0.88
Upper Bound				774	129.0	80	2.42	13.45	8.28	1.68	29.9	14.35	7.2	2.69	56.2	1.10
OREAS-14P																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
PK2																
Target Range - Lower Bound																
Upper Bound																
SARM-43																
SARM-43																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
OREAS 905																
OREAS 905																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105		39.7	61.1	14.65	100.5	14.50	8	86.7	4.6	1.99	350	1.05	487	31	14	60.7
OREAS-105		40.7	64.4	14.65	104.0	15.30	8	87.8	4.6	1.99	366	1.11	534	31	2	62.6
OREAS-105		41.3	60.4	15.15	100.5	14.70	9	90.3	4.6	2.06	351	1.14	490	30	3	62.0
Target Range - Lower Bound		36.9	57.8	14.35	94.8	13.30	8	85.3	4.3	1.95	332	1.02	479	19	<1	58.3
Upper Bound		45.6	70.8	17.65	116.5	16.30	13	104.5	5.5	2.41	406	1.26	585	43	5	71.5
OREAS-14P																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
PK2																
Target Range - Lower Bound																
Upper Bound																
SARM-43																
SARM-43																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
OREAS 905													0.56	0.37	15.1	1520
OREAS 905													0.52	0.33	14.6	1445
OREAS 905													0.48	0.34	13.6	1510
Target Range - Lower Bound													0.46	0.30	13.2	1425
Upper Bound													0.58	0.42	16.4	1640
OREAS 920				4.5	0.75	<0.005	0.029	<0.001	0.67	0.3	0.01	0.15				
Target Range - Lower Bound				3.8	0.60	<0.005	0.019	<0.001	0.45	<0.2	<0.01	0.07				
Upper Bound				4.9	0.76	0.010	0.043	0.002	0.77	0.7	0.04	0.18				
OREAS 920													0.11	0.06	15.4	115.5
OREAS 920													0.18	0.06	15.0	114.5
Target Range - Lower Bound													0.08	0.04	13.9	104.0
Upper Bound													0.13	0.12	17.3	120.0
OREAS-105		6.76	224													
OREAS-105		7.18	231													
OREAS-105		6.76	244													
Target Range - Lower Bound		6.54	208													
Upper Bound		8.06	259													
OREAS-14P																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d				6.5	0.26	0.037	0.073	<0.001	0.35	1.0	0.04	0.12				
Target Range - Lower Bound				5.8	0.26	0.025	0.071	<0.001	0.22	0.7	0.02	0.07				
Upper Bound				7.3	0.34	0.053	0.099	0.003	0.49	1.7	0.06	0.17				
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
PK2																
Target Range - Lower Bound																
Upper Bound																
SARM-43																
SARM-43																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	ME-MS61 Li ppm 0.2	ME-MS61 Mo ppm 0.05	ME-MS61 Ni ppm 0.2	ME-MS61 Pb ppm 0.5	ME-MS61 Sc ppm 0.1	ME-MS61 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	PGM-ICP27 Au ppm 0.01	PGM-ICP27 Pt ppm 0.01	PGM-ICP27 Pd ppm 0.01
STANDARDS													
OREAS 905		20.9	3.44	9.5	31.9	5.2	140						
OREAS 905		18.3	3.28	9.9	29.3	5.1	133						
OREAS 905		18.1	3.15	9.4	28.9	4.9	139						
Target Range - Lower Bound		17.8	2.89	8.4	26.9	4.3	122						
Upper Bound		22.2	3.65	10.7	33.9	5.5	154						
OREAS 920													
Target Range - Lower Bound													
Upper Bound													
OREAS 920		27.7	0.42	43.6	23.8	14.5	121						
OREAS 920		29.2	0.37	40.4	23.9	13.4	117						
Target Range - Lower Bound		26.0	0.34	37.4	20.7	12.8	102						
Upper Bound		32.2	0.58	46.2	26.4	15.8	130						
OREAS-105													
OREAS-105													
OREAS-105													
Target Range - Lower Bound													
Upper Bound													
OREAS-14P													
Target Range - Lower Bound													
Upper Bound													
OREAS-45d													
Target Range - Lower Bound													
Upper Bound													
OREAS-45e								0.053	0.1060	0.075			
Target Range - Lower Bound								0.049	0.1030	0.070			
Upper Bound								0.057	0.1170	0.081			
PK2											4.93	4.87	5.97
Target Range - Lower Bound											4.49	4.45	5.55
Upper Bound											5.08	5.04	6.28
SARM-43													
SARM-43													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
STANDARDS																
SRM88B		1.17	0.32	0.28	30.3	21.1	0.03	0.10	<0.002	0.02	0.01	<0.01	<0.01	<0.01	100.31	
SRM88B		1.08	0.31	0.28	30.1	21.0	0.03	0.09	<0.002	0.01	0.02	<0.01	<0.01	<0.01	99.90	
SRM88B		1.17	0.34	0.29	30.8	21.1	0.03	0.10	<0.002	0.01	0.02	<0.01	<0.01	<0.01	100.84	
SRM88B		1.20	0.32	0.27	30.5	21.1	0.03	0.10	<0.002	0.01	0.02	<0.01	<0.01	<0.01	100.53	
SRM88B		1.15	0.30	0.29	30.5	21.3	0.03	0.10	<0.002	0.02	0.02	<0.01	<0.01	<0.01	100.69	
Target Range -	Lower Bound	1.05	0.30	0.24	29.1	20.4	<0.01	0.08	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	97.99	
	Upper Bound	1.21	0.37	0.31	30.8	21.7	0.05	0.13	0.006	0.04	0.04	0.03	0.03	0.03	>102.00	
SY-4		50.2	20.7	6.12	7.93	0.51	7.13	1.65	0.002	0.28	0.11	0.14	0.14	0.04	99.51	
SY-4		49.6	20.7	6.10	7.96	0.51	7.13	1.64	0.002	0.28	0.10	0.12	0.14	0.04	98.88	
SY-4		49.8	20.9	6.14	8.05	0.50	7.10	1.64	0.002	0.29	0.11	0.12	0.14	0.04	99.39	
SY-4		50.6	21.0	6.29	8.11	0.53	7.18	1.65	0.002	0.28	0.11	0.12	0.15	0.04	100.62	
SY-4		50.8	20.9	6.19	8.07	0.51	7.10	1.63	<0.002	0.28	0.10	0.12	0.14	0.04	100.44	
Target Range -	Lower Bound	48.7	20.1	5.95	7.74	0.49	6.81	1.56	<0.002	0.25	0.08	0.10	0.11	<0.01	97.99	
	Upper Bound	51.1	21.3	6.47	8.36	0.59	7.39	1.76	0.005	0.32	0.13	0.16	0.17	0.06	>102.00	
WCM-PG134																
Target Range -	Lower Bound															
	Upper Bound															
WCM-PG134																
WCM-PG134																
Target Range -	Lower Bound															
	Upper Bound															
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range -	Lower Bound															
	Upper Bound															
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range -	Lower Bound															
	Upper Bound															

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01
STANDARDS																
SRM88B				9.2	3.3	<10	0.13	0.61	0.37	0.11	0.4	0.48	<0.2	0.14	4.6	0.04
SRM88B				6.7	3.3	<10	0.16	0.66	0.31	0.13	0.4	0.61	<0.2	0.15	4.6	0.05
SRM88B																
SRM88B				5.1	3.2	<10	0.13	0.55	0.46	0.10	0.3	0.50	<0.2	0.16	4.6	0.05
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SY-4				346	118.0	10	1.58	18.45	14.00	1.84	35.4	13.75	11.7	4.19	54.7	2.01
SY-4				318	114.5	10	1.46	18.95	14.35	1.94	35.6	14.10	12.3	4.56	54.2	2.09
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
SRM88B		0.3	2.9	0.79	2.9	0.55	<1	60.9	0.2	0.09	0.30	0.06	0.15	<5	<1	7.3
SRM88B		0.3	2.7	0.77	2.8	0.67	<1	61.0	<0.1	0.08	0.25	0.06	0.18	<5	<1	7.6
SRM88B																
SRM88B		0.4	2.9	0.76	2.7	0.54	<1	60.2	0.2	0.09	0.43	0.05	0.35	<5	1	7.2
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SY-4		13.6	56.1	14.15	50.2	13.00	8	1140	0.8	2.72	1.31	2.15	0.81	6	1	112.5
SY-4		13.8	55.4	14.10	50.3	12.35	7	1155	0.8	2.69	1.18	2.30	0.89	8	5	111.0
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
SRM88B		0.42	5													
SRM88B		0.26	5													
SRM88B																
SRM88B		0.29	6													
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SY-4		14.45	618													
SY-4		15.40	640													
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK				0.2	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
BLANK				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
BLANK				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
BLANK				<0.1	0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
Target Range - Lower Bound				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
Upper Bound				0.2	0.02	0.010	0.010	0.002	0.10	0.4	0.02	0.04				
BLANK													<0.01	<0.02	<0.1	0.2
BLANK													<0.01	<0.02	0.1	<0.2
BLANK													<0.01	<0.02	<0.1	<0.2
BLANK													<0.01	<0.02	<0.1	0.2
BLANK													<0.01	<0.02	<0.1	<0.2
Target Range - Lower Bound													<0.01	<0.02	<0.1	<0.2
Upper Bound													0.02	0.04	0.2	0.4

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
STANDARDS													
SRM88B													
SRM88B													
SRM88B													
SRM88B													
SRM88B													
Target Range - Lower Bound													
Upper Bound													
SY-4													
SY-4													
SY-4													
SY-4													
SY-4													
Target Range - Lower Bound													
Upper Bound													
WCM-PG134											0.89	0.35	0.21
Target Range - Lower Bound											0.85	0.33	0.19
Upper Bound											0.98	0.39	0.23
WCM-PG134								0.917	0.374	0.215			
WCM-PG134								0.918	0.351	0.203			
Target Range - Lower Bound								0.857	0.338	0.195			
Upper Bound								0.969	0.382	0.223			
BLANKS													
BLANK													
BLANK													
BLANK													
BLANK													
Target Range - Lower Bound													
Upper Bound													
BLANK		<0.2	<0.05	<0.2	<0.5	<0.1	<2						
BLANK		<0.2	<0.05	0.6	<0.5	<0.1	<2						
BLANK		<0.2	<0.05	<0.2	<0.5	<0.1	<2						
BLANK		<0.2	<0.05	<0.2	<0.5	<0.1	<2						
BLANK		0.3	<0.05	<0.2	<0.5	<0.1	<2						
Target Range - Lower Bound		<0.2	<0.05	<0.2	<0.5	<0.1	<2						
Upper Bound		0.4	0.10	0.4	1.0	0.2	4						

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																-0.01
BLANK																0.01
BLANK																0.01
BLANK																0.00
Target Range - Lower Bound																<0.01
Upper Bound																0.02
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	0.01	<0.01	<0.01	0.02	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	0.01	<0.01	<0.01	<0.01	<0.01	0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.004	0.02	0.02	0.02	0.02	0.02		

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
BLANKS																
BLANK				2.0	<0.1	<10	0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
Target Range - Lower Bound				<0.5	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
Upper Bound				1.0	0.2	20	0.02	0.10	0.06	0.06	0.2	0.10	0.4	0.02	0.2	0.02
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	0.01													
BLANK		<0.01	0.01													
BLANK		0.01	<0.01													
BLANK		0.01	0.01													
BLANK			0.01													
BLANK			<0.01													
BLANK			0.01													
Target Range - Lower Bound			<0.01													
Upper Bound			0.02													
BLANK				0.8	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				<0.5	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				<0.5	0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				1.4	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	0.01
BLANK																
BLANK																
BLANK																
BLANK				0.6	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
BLANKS																
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.1	0.1	<0.01	<0.05	<0.01	<0.05	<5	1	<0.1
Target Range - Lower Bound		<0.2	<0.1	<0.03	<0.2	<0.03	<1	<0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	<1	<0.1
Upper Bound		0.4	0.2	0.06	0.4	0.06	2	0.2	0.2	0.02	0.10	0.02	0.10	10	2	0.2
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
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Target Range - Lower Bound																
Upper Bound																
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Target Range - Lower Bound																
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BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.2	<0.1	<0.01	<0.05	<0.01	<0.05	<5	1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	0.03	<1	<0.1	0.1	<0.01	<0.05	<0.01	<0.05	<5	<1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.2	<0.1	<0.01	<0.05	0.01	<0.05	<5	<1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	1	<0.1
BLANK																
BLANK																
BLANK																
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	<0.1	0.1	<0.01	<0.05	<0.01	<0.05	<5	2	<0.1
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
BLANKS																
BLANK		<0.03	<2													
Target Range - Lower Bound		<0.03	<2													
Upper Bound		0.06	4													
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
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BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.03	<2													
BLANK		<0.03	<2													
BLANK		<0.03	<2													
BLANK		<0.03	<2													
BLANK																
BLANK																
BLANK																
BLANK		<0.03	<2													
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
BLANKS													
BLANK													
Target Range - Lower Bound													
Upper Bound													
BLANK													
BLANK													
BLANK													
BLANK													
Target Range - Lower Bound													
Upper Bound													
BLANK											<0.01	<0.01	<0.01
BLANK											<0.01	<0.01	<0.01
Target Range - Lower Bound											<0.01	<0.01	<0.01
Upper Bound											0.02	0.02	0.02
BLANK								0.001	<0.0005	0.001			
BLANK								0.001	<0.0005	<0.001			
BLANK								0.002	<0.0005	<0.001			
Target Range - Lower Bound								<0.001	<0.0005	<0.001			
Upper Bound								0.002	0.0010	0.002			
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
Target Range - Lower Bound													
Upper Bound													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
BLANK													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description / Method / Analyte / Units / LOR	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357195															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357198															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357199	62.2	15.90	7.21	3.39	3.67	3.40	2.66	0.025	0.60	0.09	0.20	0.06	0.07		
DUP	62.0	15.85	7.16	3.34	3.66	3.38	2.64	0.026	0.61	0.09	0.19	0.06	0.07		
Target Range - Lower Bound	60.5	15.45	7.00	3.27	3.56	3.30	2.57	0.023	0.58	0.08	0.18	0.05	0.06		
Upper Bound	63.7	16.30	7.37	3.46	3.77	3.48	2.73	0.028	0.63	0.10	0.21	0.07	0.08		
40357200															0.36
DUP															0.37
Target Range - Lower Bound															0.35
Upper Bound															0.38

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method Analyte Units LOR	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01
								DUPLICATES								
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357195		0.07	0.22													
DUP		0.08	0.21													
Target Range - Lower Bound		0.06	0.20													
Upper Bound		0.09	0.23													
40357198																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357199																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357200																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357195																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357198																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357199																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357200																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357195															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357198			0.1	0.06	<0.005	0.016	<0.001	<0.05	<0.2	0.01	0.16				
DUP			0.1	0.06	<0.005	0.015	<0.001	<0.05	<0.2	0.01	0.16				
Target Range - Lower Bound			<0.1	0.05	<0.005	0.010	<0.001	<0.05	<0.2	<0.01	0.13				
Upper Bound			0.2	0.07	0.010	0.021	0.002	0.10	0.4	0.02	0.19				
40357199															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357200															
DUP															
Target Range - Lower Bound															
Upper Bound															

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
DUPLICATES													
ORIGINAL								0.008	0.0026	0.003			
DUP								0.008	0.0028	0.003			
Target Range - Lower Bound								0.007	0.0021	0.002			
Upper Bound								0.009	0.0033	0.004			
ORIGINAL								0.003	0.0029	0.004			
DUP								0.003	0.0028	0.004			
Target Range - Lower Bound								0.002	0.0022	0.003			
Upper Bound								0.004	0.0035	0.005			
ORIGINAL								0.001	<0.0005	<0.001			
DUP								0.001	0.0005	<0.001			
Target Range - Lower Bound								<0.001	<0.0005	<0.001			
Upper Bound								0.002	0.0010	0.002			
ORIGINAL								0.003	0.0015	0.001			
DUP								0.002	0.0009	0.001			
Target Range - Lower Bound								<0.001	0.0006	<0.001			
Upper Bound								0.004	0.0018	0.002			
40357195													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357198													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357199													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357200								0.001	<0.0005	0.001			
DUP								0.001	0.0005	0.001			
Target Range - Lower Bound								<0.001	<0.0005	<0.001			
Upper Bound								0.002	0.0010	0.002			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES																
40357208																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357212																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357218		63.7	15.95	6.45	2.97	2.58	3.30	2.91	0.019	0.57	0.09	0.11	0.04	0.08		
DUP		64.7	16.20	6.52	3.02	2.62	3.36	2.96	0.019	0.57	0.09	0.14	0.04	0.08		
Target Range - Lower Bound		62.6	15.65	6.31	2.91	2.53	3.24	2.85	0.017	0.55	0.08	0.11	0.03	0.07		
Upper Bound		65.8	16.50	6.66	3.08	2.68	3.42	3.02	0.021	0.59	0.10	0.14	0.05	0.09		
40357219																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357230																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357233																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357234																0.92
DUP																0.95
Target Range - Lower Bound																0.90
Upper Bound																0.97
40357238																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
40357208			33.4													
DUP			33.5													
Target Range - Lower Bound			32.6													
Upper Bound			34.3													
40357212																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357218				736	60.0	140	4.20	2.62	1.46	0.90	20.0	3.42	3.7	0.55	31.4	0.20
DUP				770	63.3	140	4.44	2.79	1.53	0.98	21.2	3.52	3.6	0.61	33.3	0.22
Target Range - Lower Bound				715	58.5	120	4.09	2.52	1.39	0.86	19.5	3.25	3.3	0.54	30.6	0.19
Upper Bound				791	64.8	160	4.55	2.89	1.60	1.02	21.7	3.69	4.0	0.62	34.1	0.23
40357219																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357230		0.06	0.12													
DUP		0.07	0.11													
Target Range - Lower Bound		0.05	0.10													
Upper Bound		0.08	0.13													
40357233																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357234																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357238																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
40357208																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357212																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357218		6.6	24.3	6.71	98.6	4.47	1	362	0.7	0.43	8.02	0.21	2.40	117	<1	14.9
DUP		6.5	26.4	7.28	102.5	4.65	1	375	0.7	0.48	9.09	0.24	2.59	121	1	15.0
Target Range - Lower Bound		6.0	24.0	6.62	95.3	4.30	<1	350	0.6	0.42	8.08	0.20	2.32	108	<1	14.1
Upper Bound		7.1	26.7	7.37	106.0	4.82	2	387	0.8	0.49	9.03	0.25	2.67	130	2	15.8
40357219																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357230																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357233																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357234																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357238																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
DUPLICATES																
40357208																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357212													0.18	0.13	22.8	524
DUP													0.18	0.13	22.8	522
Target Range - Lower Bound													0.16	0.10	21.6	504
Upper Bound													0.20	0.16	24.0	542
40357218		1.53	141													
DUP		1.42	136													
Target Range - Lower Bound		1.37	130													
Upper Bound		1.58	147													
40357219																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357230																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357233				3.5	0.16	<0.005	0.034	0.001	0.05	0.3	0.03	0.21				
DUP				3.3	0.17	<0.005	0.037	0.001	0.05	0.3	0.03	0.22				
Target Range - Lower Bound				3.1	0.15	<0.005	0.029	<0.001	<0.05	<0.2	0.02	0.18				
Upper Bound				3.7	0.18	0.010	0.042	0.002	0.10	0.4	0.04	0.25				
40357234																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357238																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Li ppm 0.2	ME-MS61 Mo ppm 0.05	ME-MS61 Ni ppm 0.2	ME-MS61 Pb ppm 0.5	ME-MS61 Sc ppm 0.1	ME-MS61 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	PGM-ICP27 Au ppm 0.01	PGM-ICP27 Pt ppm 0.01	PGM-ICP27 Pd ppm 0.01
DUPLICATES													
40357208	DUP												
	Target Range - Lower Bound												
	Upper Bound												
40357212	DUP	46.6	1.32	167.5	33.2	14.5	85						
	DUP	44.5	1.84	155.5	35.0	14.6	87						
	Target Range - Lower Bound	43.1	1.45	153.0	31.9	13.7	80						
	Upper Bound	48.0	1.71	170.0	36.3	15.4	92						
40357218	DUP												
	Target Range - Lower Bound												
	Upper Bound												
40357219	DUP							0.001	0.0013	0.001			
	DUP							0.001	0.0014	0.002			
	Target Range - Lower Bound							<0.001	0.0008	<0.001			
	Upper Bound							0.002	0.0019	0.002			
40357230	DUP												
	Target Range - Lower Bound												
	Upper Bound												
40357233	DUP												
	Target Range - Lower Bound												
	Upper Bound												
40357234	DUP												
	Target Range - Lower Bound												
	Upper Bound												
40357238	DUP							0.001	0.0016	0.002			
	DUP							0.001	0.0016	0.002			
	Target Range - Lower Bound							<0.001	0.0010	<0.001			
	Upper Bound							0.002	0.0022	0.003			

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES																
40357246																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357251																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357261		68.0	16.30	3.80	2.89	1.57	4.89	2.13	0.005	0.47	0.07	0.23	0.11	0.11		
DUP		66.9	16.10	3.78	2.84	1.56	4.84	2.10	0.006	0.47	0.07	0.22	0.12	0.11		
Target Range - Lower Bound		65.8	15.80	3.69	2.78	1.52	4.73	2.05	0.003	0.45	0.06	0.21	0.10	0.10		
Upper Bound		69.1	16.60	3.89	2.95	1.61	5.00	2.18	0.008	0.49	0.08	0.24	0.13	0.12		
40357264																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357267																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357269																2.21
DUP																2.21
Target Range - Lower Bound																2.14
Upper Bound																2.28
40357270																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357271		75.4	12.55	1.22	1.01	0.22	3.22	4.67	0.005	0.06	0.01	0.03	0.02	0.05		
DUP		75.3	12.50	1.17	1.02	0.21	3.19	4.67	0.004	0.06	0.01	<0.01	0.02	0.05		
Target Range - Lower Bound		73.5	12.20	1.16	0.98	0.20	3.11	4.54	<0.002	0.05	<0.01	<0.01	<0.01	0.04		
Upper Bound		77.2	12.85	1.23	1.05	0.23	3.30	4.80	0.007	0.07	0.02	0.03	0.03	0.06		

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
40357246																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357251				569	62.0	150	5.21	2.20	1.26	0.84	20.9	3.27	3.3	0.47	30.7	0.16
DUP				529	57.6	140	4.71	2.01	1.19	0.72	18.8	3.16	3.1	0.40	28.5	0.14
Target Range - Lower Bound				521	56.7	130	4.70	1.95	1.13	0.71	18.8	3.00	2.8	0.40	28.0	0.13
Upper Bound				577	62.9	160	5.22	2.26	1.32	0.85	20.9	3.43	3.6	0.47	31.2	0.17
40357261																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357264		0.07	<0.01													
DUP		0.06	0.01													
Target Range - Lower Bound		0.05	<0.01													
Upper Bound		0.08	0.02													
40357267																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357269																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357270			0.36													
DUP			0.34													
Target Range - Lower Bound			0.33													
Upper Bound			0.37													
40357271																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
40357246																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357251		6.9	25.7	7.02	107.0	4.36	2	369	0.7	0.46	12.90	0.18	3.40	91	<1	11.3
DUP		6.2	24.7	6.39	98.2	4.04	1	340	0.6	0.40	11.50	0.16	3.24	84	2	10.6
Target Range - Lower Bound		6.0	23.8	6.34	97.3	3.96	<1	337	0.5	0.40	11.55	0.15	3.10	78	<1	10.3
Upper Bound		7.1	26.6	7.07	108.0	4.44	2	372	0.8	0.46	12.85	0.19	3.54	97	2	11.6
40357261																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357264																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357267																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357269																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357270																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357271																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
DUPLICATES																
40357246													0.09	0.12	22.8	55.2
DUP													0.11	0.11	22.9	55.9
Target Range - Lower Bound													0.09	0.09	21.6	53.4
Upper Bound													0.12	0.14	24.1	57.7
40357251		1.05	123													
DUP		1.08	118													
Target Range - Lower Bound		0.98	112													
Upper Bound		1.15	129													
40357261																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357264																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357267				0.5	0.17	<0.005	0.033	0.001	<0.05	0.2	0.03	0.31				
DUP				0.3	0.17	<0.005	0.036	0.001	<0.05	0.3	0.03	0.31				
Target Range - Lower Bound				0.3	0.15	<0.005	0.028	<0.001	<0.05	<0.2	0.02	0.27				
Upper Bound				0.5	0.19	0.010	0.041	0.002	0.10	0.4	0.04	0.35				
40357269																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357270																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357271																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
DUPLICATES													
40357246		61.8	2.16	75.8	17.8	15.7	95						
DUP		62.5	2.09	74.7	17.9	15.7	95						
Target Range - Lower Bound		58.8	1.97	71.3	16.5	14.8	88						
Upper Bound		65.5	2.28	79.2	19.2	16.6	102						
40357251													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357261													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357264													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357267													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357269													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357270													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357271													
DUP													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description / Method / Analyte / Units / LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
DUPLICATES															
40357272	68.3	13.70	6.39	2.01	2.42	3.28	2.54	0.016	0.43	0.07	0.10	0.03	0.04		
DUP	68.7	13.75	6.37	2.03	2.41	3.29	2.55	0.017	0.43	0.07	0.10	0.03	0.04		
Target Range - Lower Bound	66.8	13.35	6.21	1.96	2.34	3.19	2.47	0.014	0.41	0.06	0.09	0.02	0.03		
Upper Bound	70.2	14.10	6.55	2.08	2.49	3.38	2.62	0.019	0.45	0.08	0.11	0.04	0.05		
40357273															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357280															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357282	67.5	15.70	4.63	3.10	1.98	4.27	1.62	0.014	0.35	0.05	0.13	0.05	0.05		
DUP	66.0	15.55	4.64	3.05	1.97	4.20	1.60	0.013	0.35	0.05	0.15	0.04	0.05		
Target Range - Lower Bound	65.1	15.20	4.51	2.99	1.92	4.12	1.56	0.011	0.33	0.04	0.13	0.03	0.04		
Upper Bound	68.4	16.05	4.76	3.16	2.03	4.35	1.66	0.016	0.37	0.06	0.15	0.06	0.06		
40357292															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357298															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357300															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357301															
DUP															
Target Range - Lower Bound															
Upper Bound															

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
40357272																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357273																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357280																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357282				444	40.5	100	2.54	2.13	1.20	1.24	19.5	2.71	3.2	0.45	20.8	0.15
DUP				433	41.6	90	2.51	2.20	1.13	1.16	18.8	2.82	2.8	0.44	21.7	0.16
Target Range - Lower Bound				416	38.9	80	2.39	2.01	1.08	1.11	18.1	2.58	2.7	0.41	20.1	0.14
Upper Bound				461	43.2	110	2.66	2.32	1.25	1.29	20.2	2.95	3.4	0.48	22.4	0.17
40357292																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357298		0.02	0.18													
DUP		0.04	0.20													
Target Range - Lower Bound		0.02	0.18													
Upper Bound		0.04	0.20													
40357300			0.35													
DUP			0.34													
Target Range - Lower Bound			0.33													
Upper Bound			0.36													
40357301																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
40357272																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357273																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357280																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357282		5.3	17.3	4.57	46.2	3.13	1	384	0.5	0.37	7.12	0.15	4.01	77	<1	10.9
DUP		5.1	17.1	4.62	45.2	3.45	1	375	0.5	0.37	6.87	0.18	3.65	74	<1	10.6
Target Range - Lower Bound		4.7	16.2	4.34	43.2	3.10	<1	360	0.4	0.34	6.60	0.15	3.59	67	<1	10.1
Upper Bound		5.7	18.2	4.85	48.2	3.48	2	399	0.6	0.40	7.39	0.18	4.07	84	2	11.4
40357292																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357298																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357300																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357301																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
DUPLICATES																
40357272																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357273																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357280													0.07	0.08	18.2	38.4
DUP													0.06	0.10	18.1	37.9
Target Range - Lower Bound													0.05	0.07	17.1	36.6
Upper Bound													0.08	0.11	19.2	39.7
40357282		1.08	110													
DUP		1.23	95													
Target Range - Lower Bound		1.07	95													
Upper Bound		1.24	110													
40357292																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357298																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357300																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357301				<0.1	0.14	<0.005	0.033	0.001	<0.05	0.4	0.03	0.47				
DUP				<0.1	0.13	<0.005	0.033	<0.001	<0.05	0.3	0.02	0.45				
Target Range - Lower Bound				<0.1	0.12	<0.005	0.026	<0.001	<0.05	<0.2	<0.01	0.41				
Upper Bound				0.2	0.15	0.010	0.040	0.002	0.10	0.4	0.04	0.51				

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
DUPLICATES													
40357272													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357273								0.001	<0.0005	<0.001			
DUP								0.001	<0.0005	<0.001			
Target Range - Lower Bound								<0.001	<0.0005	<0.001			
Upper Bound								0.002	0.0010	0.002			
40357280		63.6	1.40	57.7	15.5	13.5	74						
DUP		61.7	1.64	58.3	15.3	13.4	75						
Target Range - Lower Bound		59.3	1.39	54.9	14.1	12.7	69						
Upper Bound		66.0	1.65	61.1	16.7	14.2	80						
40357282													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357292								0.001	0.0011	0.001			
DUP								0.001	0.0011	0.001			
Target Range - Lower Bound								<0.001	<0.0005	<0.001			
Upper Bound								0.002	0.0017	0.002			
40357298													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357300													
DUP													
Target Range - Lower Bound													
Upper Bound													
40357301													
DUP													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
DUPLICATES																
40357303																0.36
DUP																0.35
Target Range - Lower Bound																0.34
Upper Bound																0.37
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		48.8	19.15	8.38	10.95	6.30	2.30	0.19	0.009	0.12	0.10	<0.01	0.02	0.01		
DUP		49.7	19.60	8.56	11.10	6.42	2.37	0.18	0.009	0.13	0.10	<0.01	0.03	0.01		
Target Range - Lower Bound		48.0	18.90	8.25	10.75	6.19	2.27	0.17	0.007	0.11	0.09	<0.01	<0.01	<0.01		
Upper Bound		50.5	19.85	8.69	11.30	6.53	2.40	0.20	0.011	0.14	0.11	0.02	0.04	0.02		
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		53.5	9.97	25.5	2.60	2.16	2.67	0.04	0.006	0.26	0.06	0.15	0.04	<0.01		
DUP		51.8	9.63	24.9	2.54	2.10	2.59	0.02	0.005	0.26	0.06	0.15	0.04	<0.01		
Target Range - Lower Bound		51.3	9.55	24.6	2.50	2.07	2.55	0.02	0.003	0.24	0.05	0.14	0.03	<0.01		
Upper Bound		54.0	10.05	25.8	2.64	2.19	2.71	0.04	0.008	0.28	0.07	0.16	0.05	0.02		

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01
DUPLICATES																
40357303																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL				9.4	35.9	40	0.55	1.43	0.73	0.79	13.5	2.00	2.1	0.25	17.2	0.12
DUP				7.7	37.9	40	0.62	1.36	0.86	0.82	14.6	1.95	2.3	0.27	17.5	0.12
Target Range - Lower Bound				7.6	35.0	30	0.55	1.28	0.73	0.73	13.2	1.83	1.9	0.24	16.4	0.10
Upper Bound				9.5	38.8	50	0.62	1.51	0.86	0.88	14.9	2.12	2.5	0.28	18.3	0.14

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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Finalized Date: 16-MAY-2018
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Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1
DUPLICATES																
40357303																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		2.6	15.9	4.17	0.7	2.95	<1	359	0.2	0.28	3.39	0.11	1.15	47	1	8.2
DUP		2.6	17.4	4.45	0.5	2.74	<1	368	0.2	0.27	3.75	0.13	1.10	48	1	8.4
Target Range - Lower Bound		2.3	15.7	4.06	0.4	2.67	<1	345	<0.1	0.25	3.34	0.10	1.02	40	<1	7.8
Upper Bound		2.9	17.6	4.56	0.8	3.02	2	382	0.3	0.30	3.80	0.14	1.23	55	2	8.8

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES																
40357303																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL													0.13	0.06	95.1	188.5
DUP													0.12	0.07	96.9	197.0
Target Range - Lower Bound													0.11	0.04	91.1	186.0
Upper Bound													0.14	0.09	101.0	199.5
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		0.90	81													
DUP		0.77	82													
Target Range - Lower Bound		0.76	75													
Upper Bound		0.91	88													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
DUPLICATES													
40357303													
DUP													
Target Range - Lower Bound													
Upper Bound													
ORIGINAL											0.14	0.13	0.89
DUP											0.14	0.14	0.89
Target Range - Lower Bound											0.12	0.12	0.84
Upper Bound											0.16	0.15	0.94
ORIGINAL		58.5	1.96	224	6.1	45.5	36						
DUP		73.5	1.94	233	6.9	47.6	40						
Target Range - Lower Bound		62.5	1.80	217	5.7	44.1	34						
Upper Bound		69.5	2.10	240	7.3	49.0	42						
ORIGINAL													
DUP													
Target Range - Lower Bound													
Upper Bound													
ORIGINAL											0.01	<0.01	0.04
DUP											0.01	0.01	0.04
Target Range - Lower Bound											<0.01	<0.01	0.03
Upper Bound											0.02	0.02	0.05
ORIGINAL											0.01	0.06	0.22
DUP											0.02	0.07	0.23
Target Range - Lower Bound											<0.01	0.05	0.20
Upper Bound											0.02	0.08	0.25
ORIGINAL											0.03	0.93	8.07
DUP											0.02	0.89	7.98
Target Range - Lower Bound											<0.01	0.85	7.61
Upper Bound											0.04	0.97	8.44
ORIGINAL													
DUP													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP		60.9	13.55	3.04	3.39	1.62	3.26	2.63	0.006	0.34	0.05	0.13	<0.01	0.05		
Target Range - Lower Bound		59.4	13.20	2.95	3.30	1.57	3.17	2.55	0.004	0.32	0.04	0.12	<0.01	0.04		
Upper Bound		62.4	13.90	3.13	3.48	1.67	3.35	2.71	0.008	0.36	0.06	0.14	0.02	0.06		
ORIGINAL		67.7	14.75	3.75	2.86	1.10	4.47	1.78	0.006	0.37	0.06	0.10	0.02	0.07		
DUP		67.2	14.60	3.73	2.85	1.09	4.46	1.78	0.006	0.36	0.06	0.11	0.02	0.07		
Target Range - Lower Bound		65.8	14.30	3.64	2.77	1.06	4.34	1.73	0.004	0.35	0.05	0.09	<0.01	0.06		
Upper Bound		69.1	15.05	3.84	2.94	1.13	4.59	1.83	0.008	0.38	0.07	0.12	0.03	0.08		
ORIGINAL		52.6	18.00	5.97	5.58	6.76	2.47	0.48	0.011	0.55	0.08	0.13	0.04	0.01		
DUP		52.2	17.85	5.91	5.51	6.69	2.47	0.48	0.011	0.55	0.08	0.12	0.04	0.01		
Target Range - Lower Bound		51.1	17.45	5.78	5.40	6.55	2.40	0.46	0.009	0.53	0.07	0.11	0.03	<0.01		
Upper Bound		53.7	18.40	6.10	5.69	6.90	2.54	0.50	0.013	0.57	0.09	0.14	0.05	0.02		

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL				425	25.6	40	4.71	0.92	0.35	0.68	18.9	1.46	2.3	0.13	12.1	0.05
DUP				437	25.5	40	4.76	0.83	0.33	0.66	19.4	1.44	2.6	0.17	12.0	0.06
Target Range - Lower Bound				409	24.2	30	4.49	0.78	0.29	0.61	18.1	1.33	2.1	0.13	11.3	0.04
Upper Bound				453	26.9	50	4.98	0.97	0.39	0.73	20.2	1.57	2.8	0.17	12.8	0.07
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL				126.0	21.2	90	0.16	2.50	1.90	0.82	12.9	2.92	2.1	0.58	9.5	0.39
DUP				136.0	23.1	90	0.17	2.52	1.90	0.96	14.0	2.85	2.1	0.62	10.3	0.36
Target Range - Lower Bound				124.0	20.9	80	0.15	2.33	1.78	0.82	12.7	2.69	1.8	0.56	9.3	0.35
Upper Bound				138.0	23.4	100	0.18	2.69	2.03	0.96	14.2	3.08	2.4	0.64	10.5	0.40

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		2.3	13.5	3.23	76.5	2.33	<1	62.4	0.2	0.16	1.74	0.04	0.48	51	1	3.9
DUP		2.4	13.6	3.36	77.6	2.38	1	62.4	0.2	0.16	1.66	0.06	0.50	52	1	3.8
Target Range - Lower Bound		2.0	12.8	3.10	73.0	2.21	<1	59.2	<0.1	0.14	1.57	0.04	0.42	44	<1	3.6
Upper Bound		2.7	14.3	3.49	81.1	2.50	2	65.6	0.3	0.18	1.84	0.06	0.56	59	2	4.1
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		3.5	12.8	3.27	11.4	3.29	<1	361	0.3	0.41	1.21	0.29	0.23	146	1	14.7
DUP		3.6	14.6	3.53	11.5	3.78	1	376	0.3	0.50	1.19	0.30	0.24	150	1	16.1
Target Range - Lower Bound		3.2	12.9	3.20	10.7	3.33	<1	350	0.2	0.42	1.09	0.27	0.17	136	<1	14.5
Upper Bound		3.9	14.5	3.60	12.2	3.74	2	387	0.4	0.49	1.31	0.32	0.30	160	2	16.3

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
DUPLICATES																
ORIGINAL													0.11	0.11	45.5	106.0
DUP													0.10	0.08	45.4	104.0
Target Range - Lower Bound													0.09	0.07	43.1	101.0
Upper Bound													0.12	0.12	47.8	109.0
ORIGINAL		0.33	90													
DUP		0.39	90													
Target Range - Lower Bound		0.31	84													
Upper Bound		0.41	97													
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		2.21	82													
DUP		2.36	86													
Target Range - Lower Bound		2.14	78													
Upper Bound		2.43	90													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

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North Vancouver BC V7H 0A7
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Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	PGM-ICP27	PGM-ICP27	PGM-ICP27
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Au	Pt	Pd
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.01
DUPLICATES													
ORIGINAL		9.2	1.16	120.0	2.9	33.4	98						
DUP		9.9	1.14	120.0	2.9	33.5	98						
Target Range - Lower Bound		8.9	1.04	114.0	2.3	31.7	91						
Upper Bound		10.2	1.26	126.0	3.5	35.2	105						
ORIGINAL													
DUP													
Target Range - Lower Bound													
Upper Bound													
ORIGINAL													
DUP													
Target Range - Lower Bound													
Upper Bound													
ORIGINAL													
DUP													
Target Range - Lower Bound													
Upper Bound													

Comments: **Corrected certificate for Co-ICP81 on samples 40357208, 40357211, 40357213, 40357213 CRD, 40357214 and 40357235**

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 16-MAY-2018
Account: KAV

Project: EB80004237

QC CERTIFICATE OF ANALYSIS TB18091733

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
CRU-31	CRU-QC	LOG-21	LOG-21d
LOG-23	PUL-32	PUL-32d	PUL-QC
SPL-21d	SPL-22	SPL-22X	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
C-IR07	ME-ICP06	ME-ICP81	ME-MS42
ME-MS61	ME-MS81	OA-GRA05	PGM-ICP27
PGM-MS24	S-IR08	TOT-ICP06	

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

QC CERTIFICATE TB18109461

Project: EB80004238

P.O. No.: 3103094877

This report is for 132 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-MAY-2018.

The following have access to data associated with this certificate:

RTXAMRNA ASSAY RESULTS JUSTIN LABERGE	RACHELLE BOULANGER	SUE DRIEBERG

To: **RIO TINTO EXPLORATION CANADA INC.**
ATTN: JUSTIN LABERGE
1300 WEST WALSH STREET
THUNDER BAY ON P7E 4X4

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-22	Split sample - rotary splitter
SPL-22X	Addnl Rot Cru Split w No Analysis
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um

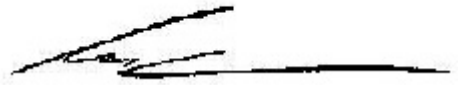
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
TOT-ICP06	Total Calculation for ICP06	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
ME-MS61	48 element four acid ICP-MS	
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
AMIS0085		72.2	10.95	3.48	3.27	1.78	1.74	4.60	0.077	0.21	0.06	0.07	0.01	0.04	101.03	
AMIS0085		70.6	10.90	3.37	3.14	1.68	1.70	4.57	0.077	0.21	0.06	0.06	0.01	0.04	98.96	
AMIS0085		70.6	10.95	3.43	3.20	1.72	1.73	4.64	0.078	0.21	0.07	0.08	0.01	0.04	99.30	
AMIS0085		72.3	11.10	3.49	3.23	1.75	1.74	4.60	0.077	0.21	0.06	0.07	0.01	0.04	101.22	
Target Range - Lower Bound		69.0	10.60	3.33	3.12	1.64	1.62	4.48	0.068	0.18	0.04	0.05	<0.01	0.02	97.99	
Upper Bound		72.1	11.35	3.67	3.44	1.86	1.84	4.90	0.090	0.24	0.09	0.10	0.03	0.06	>102.00	
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		90.4	2.39	3.32	0.13	0.23	0.07	0.48	0.056	0.14	0.02	0.03	<0.01	0.01	98.90	
AMIS0167		90.9	2.48	3.41	0.14	0.23	0.08	0.51	0.058	0.15	0.02	0.04	<0.01	0.01	99.65	
AMIS0167		92.8	2.49	3.45	0.11	0.24	0.08	0.52	0.060	0.15	0.02	0.02	<0.01	0.01	101.57	
AMIS0167															99.28	
Target Range - Lower Bound															97.99	
Upper Bound															>102.00	
AMIS0185																21.1
AMIS0185																21.1
AMIS0185																21.1
AMIS0185																21.1
AMIS0185																21.1
AMIS0185																21.1
Target Range - Lower Bound																20.1
Upper Bound																22.3
AMIS0286																7.55
AMIS0286																7.68
Target Range - Lower Bound																7.25
Upper Bound																8.03
AMIS0304		12.20	1.51	21.2	28.8	2.86	0.09	0.26	0.012	1.71	0.44	17.80	0.40	0.28	95.30	
AMIS0304		12.15	1.53	20.9	28.4	2.73	0.09	0.26	0.013	1.72	0.45	17.95	0.41	0.28	94.62	
AMIS0304		12.20	1.54	21.3	28.8	2.79	0.10	0.27	0.013	1.76	0.46	18.40	0.42	0.29	96.08	
Target Range - Lower Bound		11.90	1.42	20.3	27.7	2.72	0.06	0.25	0.005	1.69	0.41	17.80	0.36	0.25		
Upper Bound		12.75	1.62	21.6	29.3	3.02	0.12	0.31	0.016	1.91	0.51	18.90	0.44	0.31		

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
AMIS0085				355	73.5	590	4.30	11.00	8.11	0.89	14.1	7.77	5.1	2.62	37.0	1.33
AMIS0085				384	75.6	530	4.29	11.55	8.93	0.88	15.2	7.33	4.8	2.66	38.6	1.49
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167				88.0	46.3	390	0.93	5.56	2.96	0.67	3.4	4.64	2.4	1.10	23.8	0.30
Target Range - Lower Bound																
Upper Bound																
AMIS0167				95.1	47.6	410	1.05	5.73	2.74	0.73	3.0	4.76	2.6	1.08	24.6	0.32
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304				2600	8190	100	0.41	142.5	38.2	151.0	65.3	376	29.6	19.75	3350	2.10
AMIS0304				2680	8290	90	0.44	137.0	35.3	148.5	43.8	340	27.9	18.25	3400	2.14
AMIS0304																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
AMIS0085		11.3	27.4	8.13	232	6.62	3	105.0	1.4	1.51	52.0	1.32	254	27	3	73.1
AMIS0085		11.2	29.5	8.78	228	7.38	3	103.5	1.6	1.54	53.1	1.37	259	21	2	69.9
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		4.1	17.9	4.82	15.8	4.86	2	19.3	1.6	0.88	48.9	0.44	442	52	2	24.0
Target Range - Lower Bound																
Upper Bound																
AMIS0167		4.1	19.3	4.94	16.2	4.42	2	18.8	1.7	0.93	50.5	0.43	452	55	3	24.8
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304		>2500	3820	>1000	10.8	580	25	3450	12.8	37.6	437	3.69	23.6	386	6	404
AMIS0304		>2500	4020	>1000	10.5	611	25	3350	13.0	33.6	425	3.56	23.1	342	5	388
AMIS0304																
Target Range - Lower Bound																
Upper Bound																

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
AMIS0085		9.42	174													
AMIS0085		9.67	167													
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		2.51	94													
Target Range - Lower Bound																
Upper Bound																
AMIS0167		2.63	100													
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304		17.80	1225													
AMIS0304		17.15	1155													
AMIS0304																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
STANDARDS																
AMIS0085																
AMIS0085																
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0167																
AMIS0167																
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304																
AMIS0304																
AMIS0304																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
STANDARDS												
AMIS0085												
AMIS0085												
AMIS0085												
AMIS0085												
Target Range - Lower Bound												
Upper Bound												
AMIS0167												
Target Range - Lower Bound												
Upper Bound												
AMIS0167												
AMIS0167												
AMIS0167												
AMIS0167												
Target Range - Lower Bound												
Upper Bound												
AMIS0185												
AMIS0185												
AMIS0185												
AMIS0185												
AMIS0185												
AMIS0185												
Target Range - Lower Bound												
Upper Bound												
AMIS0286												
AMIS0286												
Target Range - Lower Bound												
Upper Bound												
AMIS0304												
AMIS0304												
AMIS0304												
Target Range - Lower Bound												
Upper Bound												

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
AMIS0324																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																4.30
CDN-W-4																4.28
CDN-W-4																4.28
CDN-W-4																4.30
Target Range - Lower Bound																4.08
Upper Bound																4.53
DS-1																
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
GPP-14																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
AMIS0324																
Target Range - Lower Bound																
Upper Bound																
CCU-1e			35.1													
Target Range - Lower Bound			34.3													
Upper Bound			36.8													
CDN-W-4																
CDN-W-4																
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1		3.10	2.63													
DS-1		3.13	2.71													
DS-1			2.66													
Target Range - Lower Bound			2.51													
Upper Bound			2.71													
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
GPP-14																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10		1.10														
Target Range - Lower Bound		1.03														
Upper Bound		1.13														
GS310-10		1.06	0.26													
GS310-10		1.08	0.25													
GS310-10			0.26													
Target Range - Lower Bound			0.25													
Upper Bound			0.29													

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
AMIS0324																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1																
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
GPP-14																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
AMIS0324																
Target Range - Lower Bound																
Upper Bound																
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1																
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-14																
GPP-14																
GPP-14																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
STANDARDS																
AMIS0324											1.07	0.07	1.02	0.311	0.27	3.05
Target Range - Lower Bound											0.98	0.04	0.98	0.304	0.26	3.02
Upper Bound											1.15	0.09	1.23	0.341	0.32	3.34
CCU-1e																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
CDN-W-4																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
DS-1																
DS-1																
DS-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04								0.073	0.0837	0.094						
Target Range - Lower Bound								0.074	0.0822	0.091						
Upper Bound								0.086	0.0938	0.105						
GPP-14								0.922	0.503	0.470						
GPP-14								0.917	0.524	0.499						
GPP-14								0.925	0.492	0.460						
Target Range - Lower Bound								0.853	0.472	0.451						
Upper Bound								0.965	0.534	0.511						
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
GS310-10																
GS310-10																
Target Range - Lower Bound																
Upper Bound																

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
STANDARDS												
AMIS0324		26.0	37.2	<0.1	6.94	0.04	5.32	0.02	26.7	14.8	0.08	0.039
Target Range - Lower Bound		24.6	35.2	<0.1	6.67	0.02	5.30	<0.01	25.4	14.5	0.05	0.036
Upper Bound		28.4	40.6	0.3	7.69	0.06	5.87	0.05	29.2	17.1	0.09	0.046
CCU-1e												
Target Range - Lower Bound												
Upper Bound												
CDN-W-4												
CDN-W-4												
CDN-W-4												
CDN-W-4												
Target Range - Lower Bound												
Upper Bound												
DS-1												
DS-1												
DS-1												
Target Range - Lower Bound												
Upper Bound												
GPP-04												
Target Range - Lower Bound												
Upper Bound												
GPP-14												
GPP-14												
GPP-14												
Target Range - Lower Bound												
Upper Bound												
GS310-10												
Target Range - Lower Bound												
Upper Bound												
GS310-10												
GS310-10												
GS310-10												
Target Range - Lower Bound												
Upper Bound												

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146																
OREAS 146																
Target Range - Lower Bound																
Upper Bound																

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North Vancouver BC V7H 0A7
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
GS313-8		0.90	1.21													
GS313-8		0.90	1.22													
Target Range - Lower Bound		0.90	1.19													
Upper Bound		0.98	1.29													
MA-1b		2.41														
Target Range - Lower Bound		2.34														
Upper Bound		2.54														
MA-1b		2.43	1.20													
MA-1b		2.43	1.19													
MA-1b			1.20													
Target Range - Lower Bound			1.12													
Upper Bound			1.22													
MP-1b			13.55													
Target Range - Lower Bound			13.30													
Upper Bound			14.30													
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146				>10000	4920	180	0.51	220	82.8	126.0	20.2	337	4.3	37.6	2580	6.43
OREAS 146				>10000	4680	190	0.49	222	81.3	126.0	27.0	349	4.0	36.2	2530	6.21
Target Range - Lower Bound				11450	4220	160	0.47	202	78.3	114.5	26.2	323	3.6	33.1	2260	5.66
Upper Bound				>10000	5160	220	0.59	246	95.7	139.5	32.2	395	4.8	40.5	2760	6.94

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146		408	2290	578	27.7	467	44	3220	4.1	48.3	917	9.82	2.70	152	28	951
OREAS 146		397	2210	576	25.8	471	45	3130	4.0	46.4	862	9.50	2.55	162	30	926
Target Range - Lower Bound		349	1965	493	23.7	397	40	2790	3.6	42.5	813	8.90	2.37	140	25	814
Upper Bound		427	2400	603	29.5	485	52	3410	4.6	51.9	993	10.90	3.01	182	33	996

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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08				33.2	0.63	0.056	0.143	0.006	3.25	0.7	0.02	0.77				
MRGeo08				34.9	0.67	0.067	0.156	0.007	3.39	1.0	0.03	0.81				
MRGeo08				30.0	0.62	0.053	0.139	0.008	2.94	1.0	0.01	0.72				
Target Range - Lower Bound				29.6	0.60	0.053	0.137	0.006	2.80	0.6	<0.01	0.64				
Upper Bound				36.4	0.76	0.087	0.179	0.010	3.90	1.5	0.04	0.92				
MRGeo08													4.26	2.18	19.4	646
MRGeo08													4.07	2.21	19.4	601
Target Range - Lower Bound													4.00	2.00	17.7	587
Upper Bound													4.92	2.48	21.9	675
OGGeo08													18.80	19.60	95.4	8400
OGGeo08													18.45	19.90	95.4	8210
Target Range - Lower Bound													18.15	16.70	87.2	7800
Upper Bound													22.2	20.5	107.0	8980
OREAS 146		52.8	241													
OREAS 146		51.4	228													
Target Range - Lower Bound		48.1	204													
Upper Bound		58.9	254													

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
STANDARDS																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		31.3	15.80	733	1135	11.6	854									
MRGeo08		26.7	14.00	686	1065	10.6	788									
Target Range - Lower Bound		29.5	13.65	622	971	11.1	722									
Upper Bound		36.5	16.75	760	1185	13.7	886									
OGGeo08		30.9	902	8830	7360	9.3	7060									
OGGeo08		35.7	881	8600	7180	9.9	6850									
Target Range - Lower Bound		29.7	841	8000	6520	9.2	6500									
Upper Bound		36.7	1030	9770	7970	11.4	7950									
OREAS 146																
OREAS 146																
Target Range - Lower Bound																
Upper Bound																

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
STANDARDS												
GS313-8												
GS313-8												
Target Range - Lower Bound												
Upper Bound												
MA-1b												
Target Range - Lower Bound												
Upper Bound												
MA-1b												
MA-1b												
MA-1b												
Target Range - Lower Bound												
Upper Bound												
MP-1b												
Target Range - Lower Bound												
Upper Bound												
MRGeo08												
MRGeo08												
MRGeo08												
Target Range - Lower Bound												
Upper Bound												
MRGeo08												
MRGeo08												
Target Range - Lower Bound												
Upper Bound												
OGGeo08												
OGGeo08												
Target Range - Lower Bound												
Upper Bound												
OREAS 146												
OREAS 146												
Target Range - Lower Bound												
Upper Bound												

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Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
OREAS 146		20.1	3.06	28.6	17.60	7.02	0.29	1.32	0.026	1.36	2.36	0.52	0.38	1.45	93.44	
OREAS 146		19.85	2.96	27.8	17.10	6.83	0.29	1.25	0.024	1.40	2.30	0.52	0.37	1.41	91.45	
Target Range - Lower Bound		19.50	2.82	27.5	16.75	6.59	0.26	1.19	0.017	1.35	2.30	0.49	0.33	1.39	97.99	
Upper Bound		20.7	3.12	29.1	17.85	7.15	0.34	1.37	0.031	1.53	2.56	0.59	0.41	1.59	>102.00	
OREAS 501b																
OREAS 501b																
OREAS 501b																
Target Range - Lower Bound																
Upper Bound																
OREAS 905																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105		69.3	13.45	2.73	1.41	0.79	4.93	2.21	0.006	0.39	0.02	0.34	0.01	0.07	95.66	
OREAS-105		70.9	13.85	2.72	1.42	0.77	4.96	2.26	0.006	0.41	0.02	0.33	0.01	0.08	97.74	
OREAS-105		70.9	14.00	2.81	1.43	0.79	5.05	2.32	0.007	0.42	0.02	0.35	0.01	0.08	98.19	
Target Range - Lower Bound																
Upper Bound																
OREAS-14P		17.75	4.09	47.9	1.27	0.45	0.72	0.98	0.006	0.37	0.07	0.12	0.01	0.04	89.20	
Target Range - Lower Bound		19.20	4.07	51.8	1.30	0.42	0.72	0.97	0.003	0.37	0.05	0.10	<0.01	<0.01	97.99	
Upper Bound		20.4	4.47	54.3	1.48	0.51	0.84	1.12	0.014	0.45	0.11	0.16	0.03	0.06	>102.00	
OREAS-45d																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
OREAS 146				>10000	4900	180	0.47	218	80.3	122.5	21.7	336	4.3	36.2	2550	6.46
OREAS 146				>10000	4790	180	0.51	217	79.1	126.5	20.9	335	4.0	35.5	2520	6.45
Target Range - Lower Bound				11450	4220	160	0.47	202	78.3	114.5	26.2	323	3.6	33.1	2260	5.66
Upper Bound				>10000	5160	220	0.59	246	95.7	139.5	32.2	395	4.8	40.5	2760	6.94
OREAS 501b																
OREAS 501b																
OREAS 501b																
Target Range - Lower Bound																
Upper Bound																
OREAS 905																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105				703	116.5	60	2.25	12.30	8.06	1.51	28.5	13.60	7.1	2.65	48.6	0.92
OREAS-105				681	109.0	50	2.02	11.95	7.38	1.37	27.4	12.80	6.1	2.46	46.2	0.96
OREAS-105																
Target Range - Lower Bound																
Upper Bound																
OREAS-14P																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1
STANDARDS															
OREAS 146	404	2110	532	26.0	462	46	3120	4.2	44.4	897	9.46	2.85	150	29	918
OREAS 146	387	2160	525	27.1	455	44	3050	4.3	43.9	887	9.58	2.81	148	29	901
Target Range - Lower Bound	349	1965	493	23.7	397	40	2790	3.6	42.5	813	8.90	2.37	140	25	814
Upper Bound	427	2400	603	29.5	485	52	3410	4.6	51.9	993	10.90	3.01	182	33	996
OREAS 501b															
OREAS 501b															
OREAS 501b															
Target Range - Lower Bound															
Upper Bound															
OREAS 905															
OREAS 905															
Target Range - Lower Bound															
Upper Bound															
OREAS 920															
OREAS 920															
Target Range - Lower Bound															
Upper Bound															
OREAS 920															
OREAS 920															
Target Range - Lower Bound															
Upper Bound															
OREAS-105	42.7	63.6	15.40	112.5	14.90	10	95.3	4.4	2.07	360	1.14	527	33	4	68.6
OREAS-105	40.7	62.0	15.05	103.0	14.55	8	85.9	4.5	1.97	344	1.08	499	31	4	60.6
OREAS-105															
Target Range - Lower Bound															
Upper Bound															
OREAS-14P															
Target Range - Lower Bound															
Upper Bound															
OREAS-45d															
OREAS-45d															
Target Range - Lower Bound															
Upper Bound															

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
OREAS 146		52.3	229													
OREAS 146		51.0	226													
Target Range - Lower Bound		48.1	204													
Upper Bound		58.9	254													
OREAS 501b				17.2	1.46	0.013	0.184	0.003	0.46	2.8	0.08	0.67				
OREAS 501b				18.2	1.51	0.018	0.192	0.002	0.54	2.9	0.08	0.70				
OREAS 501b				22.9	1.53	0.017	0.190	0.002	0.48	3.2	0.07	0.64				
Target Range - Lower Bound				16.9	1.43	0.006			0.34	2.2	0.05	0.57				
Upper Bound				20.9	1.77	0.030			0.64	3.3	0.10	0.81				
OREAS 905													0.57	0.31	14.8	1560
OREAS 905													0.53	0.34	16.1	1520
Target Range - Lower Bound													0.46	0.30	13.2	1425
Upper Bound													0.58	0.42	16.4	1640
OREAS 920				4.3	0.62	<0.005	0.031	<0.001	0.62	0.3	0.03	0.15				
OREAS 920				4.9	0.70	<0.005	0.030	<0.001	0.67	0.2	0.03	0.15				
Target Range - Lower Bound				3.8	0.60	<0.005	0.019	<0.001	0.45	<0.2	<0.01	0.07				
Upper Bound				4.9	0.76	0.010	0.043	0.002	0.77	0.7	0.04	0.18				
OREAS 920													0.15	0.03	14.9	111.5
OREAS 920													0.10	0.03	14.6	106.0
Target Range - Lower Bound													0.08	0.04	13.9	104.0
Upper Bound													0.13	0.12	17.3	120.0
OREAS-105		7.59	255													
OREAS-105		7.26	227													
OREAS-105																
Target Range - Lower Bound																
Upper Bound																
OREAS-14P																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d				6.0	0.26	0.037	0.078	<0.001	0.31	1.4	0.06	0.13				
OREAS-45d				7.1	0.27	0.038	0.081	<0.001	0.39	0.9	0.06	0.14				
Target Range - Lower Bound				5.8	0.26	0.025	0.071	<0.001	0.22	0.7	0.02	0.07				
Upper Bound				7.3	0.34	0.053	0.099	0.003	0.49	1.7	0.06	0.17				

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
STANDARDS																
OREAS 146																
OREAS 146																
Target Range - Lower Bound																
Upper Bound																
OREAS 501b																
OREAS 501b																
OREAS 501b																
Target Range - Lower Bound																
Upper Bound																
OREAS 905		17.8	3.52	9.8	29.1	5.4	150									
OREAS 905		21.5	3.24	9.7	30.9	5.1	142									
Target Range - Lower Bound		17.8	2.89	8.4	26.9	4.3	122									
Upper Bound		22.2	3.65	10.7	33.9	5.5	154									
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		29.7	0.40	40.6	23.6	14.6	115									
OREAS 920		28.8	0.40	39.7	22.9	13.2	120									
Target Range - Lower Bound		26.0	0.34	37.4	20.7	12.8	102									
Upper Bound		32.2	0.58	46.2	26.4	15.8	130									
OREAS-105																
OREAS-105																
OREAS-105																
Target Range - Lower Bound																
Upper Bound																
OREAS-14P																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																

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Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
STANDARDS												
OREAS 146												
OREAS 146												
Target Range - Lower Bound												
Upper Bound												
OREAS 501b												
OREAS 501b												
OREAS 501b												
Target Range - Lower Bound												
Upper Bound												
OREAS 905												
OREAS 905												
Target Range - Lower Bound												
Upper Bound												
OREAS 920												
OREAS 920												
Target Range - Lower Bound												
Upper Bound												
OREAS 920												
OREAS 920												
Target Range - Lower Bound												
Upper Bound												
OREAS-105												
OREAS-105												
OREAS-105												
Target Range - Lower Bound												
Upper Bound												
OREAS-14P												
Target Range - Lower Bound												
Upper Bound												
OREAS-45d												
OREAS-45d												
Target Range - Lower Bound												
Upper Bound												

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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS																
OREAS-45e																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
OREAS-76b																
Target Range - Lower Bound																
Upper Bound																
SRM88B		1.15	0.32	0.27	29.6	20.6	0.03	0.09	<0.002	0.01	0.01	0.01	<0.01	<0.01	99.07	
SRM88B		1.19	0.32	0.28	30.7	20.6	0.03	0.09	<0.002	0.01	0.02	<0.01	<0.01	<0.01	100.22	
SRM88B		1.18	0.33	0.28	30.1	20.7	0.03	0.10	<0.002	0.02	0.02	0.01	0.01	<0.01	99.76	
SRM88B		1.08	0.31	0.29	29.8	20.9	0.05	0.10	<0.002	0.02	0.02	0.01	<0.01	<0.01	99.56	
Target Range - Lower Bound		1.05	0.30	0.24	29.1	20.4	<0.01	0.08	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	97.99	
Upper Bound		1.21	0.37	0.31	30.8	21.7	0.05	0.13	0.006	0.04	0.04	0.03	0.03	0.03	>102.00	
SU-1b																
Target Range - Lower Bound																
Upper Bound																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
SY-4		50.1	21.1	6.25	8.12	0.53	6.99	1.70	0.002	0.27	0.10	0.12	0.14	0.04	100.02	
SY-4		51.4	20.8	6.26	8.15	0.52	7.09	1.61	0.002	0.29	0.10	0.12	0.14	0.04	101.08	
SY-4		50.0	21.3	6.21	8.26	0.51	7.20	1.66	0.002	0.29	0.11	0.13	0.14	0.04	100.41	
SY-4		49.7	21.2	6.23	8.23	0.53	7.25	1.67	<0.002	0.28	0.11	0.13	0.14	0.04	100.07	
SY-4		50.3	20.7	6.03	8.13	0.51	7.17	1.64	<0.002	0.28	0.11	0.12	0.14	0.04	99.73	
Target Range - Lower Bound		48.7	20.1	5.95	7.74	0.49	6.81	1.56	<0.002	0.25	0.08	0.10	0.11	<0.01	97.99	
Upper Bound		51.1	21.3	6.47	8.36	0.59	7.39	1.76	0.005	0.32	0.13	0.16	0.17	0.06	>102.00	
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
STANDARDS																
OREAS-45e																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
OREAS-76b																
Target Range - Lower Bound																
Upper Bound																
SRM88B				5.6	3.6	10	0.20	0.62	0.37	0.11	1.4	0.60	<0.2	0.13	4.5	0.03
SRM88B				5.3	3.8	<10	0.15	0.56	0.55	0.08	0.4	0.65	<0.2	0.16	4.8	0.05
SRM88B																
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SU-1b																
Target Range - Lower Bound																
Upper Bound																
SY-4				341	127.0	10	1.62	18.65	14.30	1.82	36.7	14.25	11.5	4.58	59.8	2.13
SY-4				333	120.0	10	1.53	18.45	14.50	1.93	37.3	14.05	12.0	4.49	58.1	2.15
Target Range - Lower Bound				306	109.5	<10	1.34	16.35	12.75	1.77	31.4	12.55	9.8	3.86	52.1	1.88
Upper Bound				375	134.5	30	1.66	20.1	15.65	2.23	38.6	15.45	12.4	4.74	63.9	2.32
SY-4				358	133.5	10	1.70	19.00	14.30	1.92	34.6	14.20	11.5	4.57	62.5	2.25
SY-4				349	134.0	10	1.71	19.50	14.80	2.08	36.2	14.45	12.1	4.63	62.9	2.32
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
STANDARDS																
OREAS-45e																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
OREAS-76b																
Target Range - Lower Bound																
Upper Bound																
SRM88B		0.3	2.9	0.76	2.7	0.48	<1	62.1	<0.1	0.09	0.39	0.05	0.28	5	1	7.8
SRM88B		0.3	3.4	0.89	3.0	0.58	<1	62.1	<0.1	0.09	0.51	0.05	0.49	<5	1	7.7
SRM88B																
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SU-1b																
Target Range - Lower Bound																
Upper Bound																
SY-4		14.1	59.4	15.30	54.4	13.35	8	1235	0.8	2.76	1.29	2.32	0.79	8	1	120.0
SY-4		14.0	58.8	15.00	54.0	13.50	8	1200	0.8	2.72	1.52	2.30	1.21	7	1	116.0
Target Range - Lower Bound		11.5	51.2	13.45	49.3	11.40	6	1070	0.7	2.33	1.11	2.06	0.66	<5	<1	107.0
Upper Bound		14.5	62.8	16.55	60.7	14.00	10	1310	1.1	2.87	1.47	2.54	0.94	18	3	131.0
SY-4		14.4	59.1	15.30	55.3	13.25	8	1215	0.8	2.72	1.48	2.31	0.78	6	1	122.5
SY-4		14.2	60.5	15.40	56.1	13.25	8	1220	0.8	2.86	1.31	2.37	0.81	6	1	124.0
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
STANDARDS																
OREAS-45e																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
OREAS-76b																
Target Range - Lower Bound																
Upper Bound																
SRM88B		0.28	6													
SRM88B		0.31	6													
SRM88B																
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SU-1b																
Target Range - Lower Bound																
Upper Bound																
SY-4		15.05	637													
SY-4		15.40	618													
Target Range - Lower Bound		13.30	523													
Upper Bound		16.30	643													
SY-4		15.15	596													
SY-4		15.55	627													
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																

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North Vancouver BC V7H 0A7
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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
STANDARDS																
OREAS-45e								0.054	0.1095	0.077						
OREAS-45e								0.052	0.1020	0.071						
OREAS-45e								0.051	0.1050	0.072						
Target Range - Lower Bound								0.049	0.1030	0.070						
Upper Bound								0.057	0.1170	0.081						
OREAS-76b											4.81	0.14	4.16	0.109	0.06	0.230
Target Range - Lower Bound											4.45	0.12	3.98	0.104	0.04	0.213
Upper Bound											5.15	0.16	4.69	0.119	0.08	0.240
SRM88B																
SRM88B																
SRM88B																
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SU-1b											8.02	0.01	2.88	0.064	0.03	1.125
Target Range - Lower Bound											7.55	<0.01	2.83	0.062	<0.01	1.125
Upper Bound											8.70	0.02	3.36	0.073	0.05	1.245
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
SY-4																
SY-4																
SY-4																
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134								0.916	0.383	0.220						
Target Range - Lower Bound								0.857	0.338	0.195						
Upper Bound								0.969	0.382	0.223						

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
STANDARDS												
OREAS-45e												
OREAS-45e												
OREAS-45e												
Target Range - Lower Bound												
Upper Bound												
OREAS-76b		21.4	30.6	0.4	9.40	0.10	7.87	<0.01	15.30	28.7	0.17	0.013
Target Range - Lower Bound		20.5	29.4	<0.1	9.01	0.08	7.28	<0.01	14.10	27.7	0.15	0.013
Upper Bound		23.7	33.9	0.2	10.40	0.12	8.05	0.02	16.25	32.3	0.20	0.021
SRM88B												
SRM88B												
SRM88B												
SRM88B												
Target Range - Lower Bound												
Upper Bound												
SU-1b		24.5	35.0	0.6	2.79	0.09	1.910	<0.01	14.20	31.2	0.37	0.027
Target Range - Lower Bound		23.7	33.9	0.4	2.75	0.07	1.855	<0.01	13.15	30.1	0.33	0.022
Upper Bound		27.4	39.1	0.8	3.19	0.11	2.05	0.03	15.15	35.1	0.41	0.032
SY-4												
SY-4												
Target Range - Lower Bound												
Upper Bound												
SY-4												
SY-4												
SY-4												
SY-4												
SY-4												
Target Range - Lower Bound												
Upper Bound												
WCM-PG134												
Target Range - Lower Bound												
Upper Bound												

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North Vancouver BC V7H 0A7
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
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Target Range - Lower Bound																
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Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																0.00
BLANK																0.00
BLANK																0.00
BLANK																-0.01
BLANK																0.02
BLANK																0.00
Target Range - Lower Bound																<0.01
Upper Bound																0.02
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
BLANKS																
BLANK		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
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BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
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BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK				1.1	<0.1	<10	0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				0.6	<0.1	<10	0.01	<0.05	<0.03	<0.03	0.1	<0.05	<0.2	<0.01	<0.1	<0.01
Target Range - Lower Bound				<0.5	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
Upper Bound				1.0	0.2	20	0.02	0.10	0.06	0.06	0.2	0.10	0.4	0.02	0.2	0.02
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
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Target Range - Lower Bound																
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Target Range - Lower Bound																
Upper Bound																
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BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.7	<0.1	<0.01	<0.05	0.01	<0.05	<5	2	<0.1
Target Range - Lower Bound		<0.2	<0.1	<0.03	<0.2	<0.03	<1	<0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	<1	<0.1
Upper Bound		0.4	0.2	0.06	0.4	0.06	2	0.2	0.2	0.02	0.10	0.02	0.10	10	2	0.2
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
BLANK				0.2	<0.01	<0.005	<0.005	<0.001	<0.05	0.2	<0.01	<0.02				
BLANK				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	<0.02				
BLANK				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
BLANK				<0.1	<0.01	<0.005	0.006	<0.001	0.07	<0.2	0.01	<0.02				
Target Range - Lower Bound				<0.1	<0.01	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02				
Upper Bound				0.2	0.02	0.010	0.010	0.002	0.10	0.4	0.02	0.04				
BLANK													<0.01	<0.02	<0.1	<0.2
BLANK													<0.01	<0.02	<0.1	<0.2
BLANK													<0.01	<0.02	<0.1	<0.2
BLANK													<0.01	<0.02	<0.1	0.3
Target Range - Lower Bound													<0.01	<0.02	<0.1	<0.2
Upper Bound													0.02	0.04	0.2	0.4
BLANK		<0.03	<2													
BLANK		<0.03	<2													
Target Range - Lower Bound		<0.03	<2													
Upper Bound		0.06	4													
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK											0.02	<0.01	<0.07	<0.002	<0.01	0.003
Target Range - Lower Bound											<0.01	<0.01	<0.05	<0.002	<0.01	<0.002
Upper Bound											0.02	0.02	0.11	0.004	0.02	0.004
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.2	<0.05	<0.2	<0.5	<0.1	<2									
BLANK		0.2	<0.05	<0.2	<0.5	<0.1	<2									
BLANK		<0.2	<0.05	<0.2	<0.5	0.2	<2									
BLANK		0.2	<0.05	<0.2	<0.5	<0.1	<2									
Target Range - Lower Bound		<0.2	<0.05	<0.2	<0.5	<0.1	<2									
Upper Bound		0.4	0.10	0.4	1.0	0.2	4									
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK								0.002	<0.0005	<0.001						
BLANK								0.002	<0.0005	<0.001						
BLANK								<0.001	<0.0005	<0.001						
BLANK								0.001	<0.0005	<0.001						
Target Range - Lower Bound								<0.001	<0.0005	<0.001						
Upper Bound								0.002	0.0010	0.002						

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
BLANKS												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK		0.05	0.07	<0.1	0.01	<0.01	<0.002	<0.01	0.01	<0.2	<0.01	<0.002
Target Range - Lower Bound		<0.05	<0.05	<0.1	<0.01	<0.01	<0.002	<0.01	<0.01	<0.2	<0.01	<0.002
Upper Bound		0.10	0.10	0.2	0.02	0.02	0.004	0.02	0.02	0.6	0.02	0.004
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK												
BLANK												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
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BLANK												
BLANK												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK												
BLANK												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		<0.01	0.02	0.01	0.01	<0.01	0.01	<0.01	<0.002	<0.01	<0.01	0.01	<0.01	<0.01	0.06	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BLANK		0.09	0.01	0.01	0.02	<0.01	0.01	0.02	<0.002	0.01	<0.01	<0.01	<0.01	<0.01	0.17	
BLANK		<0.01	<0.01	<0.01	0.01	<0.01	<0.01	0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	
BLANK		<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.002	0.01	<0.01	<0.01	<0.01	<0.01	0.03	
BLANK		<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		
Upper Bound		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.004	0.02	0.02	0.02	0.02	0.02		
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		73.7	12.50	1.16	2.24	0.32	1.60	5.20	<0.002	0.16	0.05	0.02	0.03	0.14		
DUP		75.0	12.75	1.16	2.27	0.32	1.63	5.31	<0.002	0.16	0.05	0.02	0.02	0.14		
Target Range - Lower Bound		72.5	12.30	1.12	2.19	0.30	1.56	5.11	<0.002	0.15	0.04	<0.01	<0.01	0.13		
Upper Bound		76.2	12.95	1.20	2.32	0.34	1.67	5.40	0.004	0.17	0.06	0.03	0.04	0.15		
ORIGINAL																0.73
DUP																0.72
Target Range - Lower Bound																0.70
Upper Bound																0.75

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
BLANKS																
BLANK		<0.01	<0.01													
BLANK		0.01	0.01													
BLANK		0.01	<0.01													
BLANK		<0.01	<0.01													
BLANK			<0.01													
BLANK			0.01													
Target Range - Lower Bound			<0.01													
Upper Bound			0.02													
BLANK				1.3	<0.1	<10	0.10	<0.05	<0.03	<0.03	1.0	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				0.5	<0.1	<10	0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				0.7	<0.1	<10	0.01	<0.05	<0.03	<0.03	0.2	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				5.4	0.1	<10	0.02	<0.05	<0.03	<0.03	0.3	<0.05	<0.2	<0.01	<0.1	0.02
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL			1.90													
DUP			1.89													
Target Range - Lower Bound			1.84													
Upper Bound			1.95													
ORIGINAL				1220	75.2	10	3.60	3.18	2.02	0.60	13.7	3.38	4.6	0.68	40.7	0.35
DUP				1250	76.3	<10	3.53	3.08	2.19	0.51	13.3	3.47	4.8	0.72	41.6	0.34
Target Range - Lower Bound				1175	71.9	<10	3.38	2.92	1.97	0.50	12.7	3.20	4.3	0.66	39.0	0.32
Upper Bound				1295	79.6	20	3.75	3.34	2.24	0.61	14.3	3.65	5.1	0.75	43.3	0.37
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	<0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	<0.1	<0.1	<0.01	<0.05	<0.01	<0.05	<5	<1	<0.1
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	1	<0.1	<0.1	<0.01	<0.05	0.01	<0.05	<5	1	<0.1
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		13.4	25.4	7.89	181.5	4.29	2	248	1.0	0.53	21.9	0.36	6.26	8	2	20.8
DUP		13.7	26.3	7.99	179.5	4.01	2	252	0.9	0.55	22.7	0.32	6.40	8	2	21.2
Target Range - Lower Bound		12.7	24.5	7.51	171.5	3.91	<1	237	0.8	0.50	21.1	0.31	5.96	<5	<1	19.9
Upper Bound		14.4	27.2	8.37	189.5	4.39	3	263	1.1	0.58	23.5	0.37	6.70	10	3	22.2
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.03	<2													
BLANK		<0.03	<2													
BLANK		<0.03	<2													
BLANK		<0.03	<2													
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		2.51	138													
DUP		2.48	147													
Target Range - Lower Bound		2.34	133													
Upper Bound		2.65	152													
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Li ppm 0.2	ME-MS61 Mo ppm 0.05	ME-MS61 Ni ppm 0.2	ME-MS61 Pb ppm 0.5	ME-MS61 Sc ppm 0.1	ME-MS61 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.002
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
BLANKS												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
DUPLICATES												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: RIO TINTO EXPLORATION CANADA INC.
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
DUPLICATES															
ORIGINAL	34.9	3.73	2.49	13.50	15.80	0.02	0.02	0.004	0.22	0.09	0.09	0.03	<0.01		
DUP	34.3	3.64	2.43	13.15	15.55	0.01	0.02	0.003	0.21	0.09	0.11	0.03	<0.01		
Target Range - Lower Bound	33.7	3.58	2.39	13.00	15.25	<0.01	<0.01	<0.002	0.20	0.08	0.09	0.02	<0.01		
Upper Bound	35.5	3.79	2.53	13.65	16.10	0.02	0.03	0.004	0.23	0.10	0.11	0.04	0.02		
ORIGINAL	55.5	14.65	6.87	15.20	4.32	1.97	0.28	0.008	0.51	0.22	0.13	0.04	0.04		
DUP	55.5	14.75	6.88	15.15	4.32	1.98	0.27	0.008	0.51	0.22	0.13	0.04	0.04		
Target Range - Lower Bound	54.1	14.30	6.69	14.80	4.20	1.92	0.26	0.006	0.49	0.20	0.12	0.03	0.03		
Upper Bound	56.9	15.10	7.06	15.55	4.44	2.03	0.29	0.010	0.53	0.24	0.14	0.05	0.05		
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	62.8	15.00	5.91	2.75	2.04	2.57	2.40	0.014	0.51	0.06	0.20	0.04	0.06		
DUP	62.8	14.95	5.92	2.76	2.04	2.57	2.41	0.014	0.51	0.06	0.18	0.04	0.06		
Target Range - Lower Bound	61.2	14.60	5.76	2.68	1.98	2.50	2.33	0.012	0.49	0.05	0.18	0.03	0.05		
Upper Bound	64.4	15.35	6.07	2.83	2.10	2.64	2.48	0.016	0.53	0.07	0.20	0.05	0.07		
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
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Target Range - Lower Bound															
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ORIGINAL															
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Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Finalized Date: 5-JUN-2018
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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1
								DUPLICATES								
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
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Target Range - Lower Bound																
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ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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North Vancouver BC V7H 0A7
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL											7.94	0.02	0.11	0.002	<0.01	0.673
DUP											7.93	0.01	0.08	0.003	<0.01	0.670
Target Range - Lower Bound											7.63	<0.01	<0.05	<0.002	<0.01	0.653
Upper Bound											8.24	0.02	0.10	0.004	0.02	0.690
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL								0.001	0.0017	0.002						
DUP								0.002	0.0017	0.002						
Target Range - Lower Bound								<0.001	0.0011	<0.001						
Upper Bound								0.002	0.0023	0.003						
ORIGINAL								0.007	0.0056	0.008						
DUP								0.007	0.0059	0.008						
Target Range - Lower Bound								0.006	0.0050	0.007						
Upper Bound								0.008	0.0065	0.009						
ORIGINAL								0.004	0.0008	0.001						
DUP								0.003	0.0008	0.001						
Target Range - Lower Bound								0.002	<0.0005	<0.001						
Upper Bound								0.005	0.0010	0.002						
ORIGINAL								0.001	0.0005	0.001						
DUP								0.001	0.0005	0.001						
Target Range - Lower Bound								<0.001	<0.0005	<0.001						
Upper Bound								0.002	0.0010	0.002						

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
DUPLICATES												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL		12.05	17.25	0.1	0.05	<0.01	<0.002	<0.01	14.10	58.8	0.32	0.008
DUP		12.00	17.15	0.1	0.04	<0.01	<0.002	<0.01	14.10	58.2	0.31	0.008
Target Range - Lower Bound		11.50	16.50	<0.1	0.03	<0.01	<0.002	<0.01	13.55	56.1	0.29	0.006
Upper Bound		12.55	17.90	0.2	0.06	0.02	0.004	0.02	14.65	60.9	0.34	0.010
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												

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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357309																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357313																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357316																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357317																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357327		61.3	17.55	7.39	3.09	3.43	3.93	2.88	0.023	0.60	0.08	0.14	0.08	0.10		
DUP		59.7	17.15	7.21	2.97	3.36	3.85	2.82	0.022	0.58	0.08	0.15	0.08	0.10		
Target Range - Lower Bound		59.0	16.90	7.11	2.94	3.30	3.78	2.77	0.020	0.57	0.07	0.13	0.07	0.09		
Upper Bound		62.0	17.80	7.49	3.12	3.49	4.00	2.93	0.025	0.61	0.09	0.16	0.09	0.11		
40357334																0.89
DUP																0.89
Target Range - Lower Bound																0.86
Upper Bound																0.92

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357309																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357313																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357316		0.07	0.01													
DUP		0.07	0.01													
Target Range - Lower Bound		0.06	<0.01													
Upper Bound		0.08	0.02													
40357317																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357327				953	81.1	160	6.48	2.56	1.38	1.38	21.3	3.75	4.2	0.52	40.0	0.22
DUP				939	73.0	160	6.36	2.29	1.33	1.31	20.8	3.15	4.4	0.47	36.6	0.21
Target Range - Lower Bound				898	73.1	140	6.09	2.25	1.26	1.25	19.9	3.23	3.9	0.46	36.3	0.19
Upper Bound				994	81.0	180	6.75	2.60	1.45	1.44	22.2	3.67	4.7	0.53	40.3	0.24
40357334																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357309																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357313																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357316																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357317																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357327		7.5	32.1	8.62	113.5	5.47	2	687	0.5	0.48	10.75	0.20	2.47	116	3	14.1
DUP		7.5	29.1	8.04	112.0	5.15	2	675	0.6	0.45	9.34	0.20	2.37	111	2	13.4
Target Range - Lower Bound		6.9	29.0	7.88	107.0	5.01	<1	647	0.4	0.43	9.49	0.18	2.25	103	<1	13.0
Upper Bound		8.1	32.2	8.78	118.5	5.61	3	715	0.7	0.50	10.60	0.22	2.59	124	4	14.5
40357334																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL			<0.1	<0.01	<0.005	0.019	<0.001	<0.05	0.2	0.01	<0.02				
DUP			<0.1	<0.01	<0.005	0.021	<0.001	<0.05	0.2	<0.01	<0.02				
Target Range - Lower Bound			<0.1	<0.01	<0.005	0.014	<0.001	<0.05	<0.2	<0.01	<0.02				
Upper Bound			0.2	0.02	0.010	0.026	0.002	0.10	0.4	0.02	0.04				
40357309												0.04	0.05	15.6	0.3
DUP												0.05	0.04	15.6	0.5
Target Range - Lower Bound												0.03	<0.02	14.7	<0.2
Upper Bound												0.06	0.07	16.5	0.6
40357313			0.3	0.16	<0.005	0.029	<0.001	<0.05	0.2	0.04	0.33				
DUP			0.3	0.18	<0.005	0.032	<0.001	<0.05	0.2	0.04	0.33				
Target Range - Lower Bound			0.2	0.15	<0.005	0.024	<0.001	<0.05	<0.2	0.03	0.29				
Upper Bound			0.4	0.19	0.010	0.037	0.002	0.10	0.4	0.05	0.37				
40357316															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357317															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357327	1.24	148													
DUP	1.22	156													
Target Range - Lower Bound	1.14	142													
Upper Bound	1.32	162													
40357334															
DUP															
Target Range - Lower Bound															
Upper Bound															

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
DUPLICATES																
ORIGINAL								0.002	0.0046	0.005						
DUP								0.003	0.0046	0.006						
Target Range - Lower Bound								<0.001	0.0039	0.004						
Upper Bound								0.004	0.0053	0.007						
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357309		73.4	1.33	68.6	17.5	9.0	81									
DUP		67.8	1.12	68.5	18.2	8.9	80									
Target Range - Lower Bound		66.9	1.11	64.9	16.5	8.4	74									
Upper Bound		74.3	1.34	72.2	19.2	9.5	87									
40357313																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357316																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357317								0.001	0.0017	0.002						
DUP								0.001	0.0017	0.002						
Target Range - Lower Bound								<0.001	0.0011	<0.001						
Upper Bound								0.002	0.0023	0.003						
40357327																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357334																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
DUPLICATES												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357309												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357313												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357316												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357317												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357327												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357334												
DUP												
Target Range - Lower Bound												
Upper Bound												

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES																
40357336																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357340																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357344																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357347																1.29
DUP																1.27
Target Range - Lower Bound																1.24
Upper Bound																1.32
40357347 CRD																1.58
DUP																1.53
Target Range - Lower Bound																1.51
Upper Bound																1.60
40357350																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357355																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357361		73.8	13.60	1.58	1.23	0.40	3.07	6.49	0.006	0.08	0.02	0.02	0.02	0.06		
DUP		72.0	13.25	1.55	1.18	0.39	3.01	6.37	0.003	0.07	0.02	0.01	0.02	0.06		
Target Range - Lower Bound		71.1	13.10	1.52	1.16	0.38	2.95	6.26	<0.002	0.06	<0.01	<0.01	<0.01	0.05		
Upper Bound		74.7	13.75	1.61	1.25	0.41	3.13	6.60	0.007	0.09	0.03	0.02	0.03	0.07		

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
40357336																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357340																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357344																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357347		0.12														
DUP		0.12														
Target Range - Lower Bound		0.11														
Upper Bound		0.13														
40357347 CRD																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357350		0.06	0.09													
DUP		0.07	0.09													
Target Range - Lower Bound		0.05	0.08													
Upper Bound		0.08	0.10													
40357355																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357361				607	43.0	40	1.59	1.14	0.53	0.58	14.7	2.15	1.3	0.20	19.6	0.07
DUP				621	43.4	20	1.62	1.15	0.47	0.51	15.0	2.08	1.3	0.19	20.2	0.07
Target Range - Lower Bound				583	40.9	20	1.51	1.04	0.45	0.49	14.0	1.96	1.0	0.18	18.8	0.06
Upper Bound				645	45.5	40	1.70	1.25	0.56	0.60	15.7	2.27	1.6	0.21	21.0	0.08

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
40357336 DUP																
Target Range - Lower Bound																
Upper Bound																
40357340 DUP																
Target Range - Lower Bound																
Upper Bound																
40357344 DUP																
Target Range - Lower Bound																
Upper Bound																
40357347 DUP																
Target Range - Lower Bound																
Upper Bound																
40357347 CRD DUP																
Target Range - Lower Bound																
Upper Bound																
40357350 DUP																
Target Range - Lower Bound																
Upper Bound																
40357355 DUP																
Target Range - Lower Bound																
Upper Bound																
40357361		4.7	16.6	5.08	130.0	3.21	1	193.5	0.5	0.25	14.85	0.08	6.34	11	1	5.3
DUP		4.3	17.1	5.13	129.5	3.16	1	194.5	0.5	0.28	16.20	0.07	6.53	10	1	5.4
Target Range - Lower Bound		4.1	15.9	4.82	123.0	3.00	<1	184.0	0.4	0.24	14.70	0.06	6.06	<5	<1	5.0
Upper Bound		4.9	17.8	5.39	136.5	3.37	2	204	0.6	0.29	16.35	0.09	6.81	16	2	5.7

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES															
40357336															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357340			0.1	0.22	<0.005	0.038	0.001	<0.05	0.5	0.03	0.70				
DUP			<0.1	0.25	<0.005	0.040	0.001	<0.05	<0.2	0.02	0.73				
Target Range - Lower Bound			<0.1	0.21	<0.005	0.032	<0.001	<0.05	<0.2	<0.01	0.64				
Upper Bound			0.2	0.26	0.010	0.046	0.002	0.10	0.4	0.04	0.79				
40357344												0.12	0.09	21.8	217
DUP												0.11	0.06	20.8	223
Target Range - Lower Bound												0.10	0.05	20.1	212
Upper Bound												0.13	0.10	22.5	228
40357347															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357347 CRD															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357350															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357355															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357361	0.43	37													
DUP	0.46	38													
Target Range - Lower Bound	0.39	34													
Upper Bound	0.50	41													

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
DUPLICATES																
40357336								0.001	0.0015	0.002						
DUP								0.002	0.0016	0.002						
Target Range - Lower Bound								<0.001	0.0010	<0.001						
Upper Bound								0.002	0.0021	0.003						
40357340																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357344		45.9	2.51	59.1	18.6	15.4	94									
DUP		46.5	2.48	56.4	17.3	14.7	97									
Target Range - Lower Bound		43.7	2.32	54.7	16.6	14.2	89									
Upper Bound		48.7	2.67	60.8	19.3	15.9	102									
40357347																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357347 CRD																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357350																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357355								0.002	0.0013	0.001						
DUP								0.002	0.0014	0.002						
Target Range - Lower Bound								<0.001	0.0008	<0.001						
Upper Bound								0.003	0.0019	0.002						
40357361																
DUP																
Target Range - Lower Bound																
Upper Bound																

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
		DUPLICATES										
40357336												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357340												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357344												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357347												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357347 CRD												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357350												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357355												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357361												
DUP												
Target Range - Lower Bound												
Upper Bound												

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VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
DUPLICATES															
40357368															2.32
DUP															2.31
Target Range - Lower Bound															2.25
Upper Bound															2.38
40357378															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357385															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357393	62.1	14.95	6.53	3.69	4.63	3.25	2.63	0.046	0.51	0.09	0.16	0.05	0.07		
DUP	61.5	14.95	6.50	3.65	4.61	3.26	2.64	0.045	0.51	0.09	0.15	0.05	0.07		
Target Range - Lower Bound	60.2	14.55	6.34	3.57	4.49	3.16	2.56	0.042	0.49	0.08	0.14	0.04	0.06		
Upper Bound	63.4	15.35	6.69	3.77	4.75	3.35	2.71	0.049	0.53	0.10	0.17	0.06	0.08		
40357397															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357403															0.64
DUP															0.64
Target Range - Lower Bound															0.61
Upper Bound															0.67
40357409															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357411	66.9	15.00	5.87	2.76	2.39	3.49	2.22	0.017	0.49	0.08	0.12	0.04	0.06		
DUP	67.8	15.15	5.96	2.80	2.42	3.51	2.24	0.017	0.50	0.08	0.13	0.04	0.07		
Target Range - Lower Bound	65.7	14.70	5.76	2.70	2.33	3.40	2.16	0.015	0.47	0.07	0.11	0.03	0.05		
Upper Bound	69.0	15.45	6.07	2.86	2.48	3.60	2.30	0.019	0.52	0.09	0.14	0.05	0.08		

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ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
DUPLICATES																
40357368																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357378																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357385		0.05	0.22													
DUP		0.05	0.22													
Target Range - Lower Bound		0.04	0.20													
Upper Bound		0.06	0.24													
40357393				631	67.0	340	7.35	2.41	1.22	1.05	18.4	3.44	3.5	0.45	32.7	0.19
DUP				633	63.0	340	7.26	2.48	1.24	1.01	17.8	3.34	4.0	0.44	31.2	0.19
Target Range - Lower Bound				600	61.7	310	6.93	2.27	1.14	0.95	17.1	3.17	3.4	0.41	30.3	0.17
Upper Bound				664	68.4	370	7.68	2.62	1.32	1.11	19.1	3.61	4.1	0.48	33.6	0.21
40357397																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357403																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357409																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357411																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
DUPLICATES																
40357368																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357378																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357385																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357393		6.6	28.1	7.59	118.5	4.92	2	430	0.6	0.46	10.25	0.19	4.52	102	2	13.1
DUP		6.7	26.1	6.94	118.5	4.55	2	435	0.6	0.46	9.36	0.17	5.70	102	1	12.5
Target Range - Lower Bound		6.1	25.6	6.87	112.5	4.47	<1	411	0.5	0.43	9.26	0.16	4.80	92	<1	12.1
Upper Bound		7.2	28.6	7.66	124.5	5.00	3	454	0.7	0.49	10.35	0.20	5.42	112	2	13.5
40357397																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357403																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357409																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357411																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES															
40357368															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357378												0.10	0.11	20.4	137.0
DUP												0.10	0.09	20.5	137.0
Target Range - Lower Bound												0.09	0.08	19.3	132.0
Upper Bound												0.12	0.13	21.6	142.0
40357385															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357393	1.13	135													
DUP	1.28	145													
Target Range - Lower Bound	1.11	131													
Upper Bound	1.30	149													
40357397			0.2	0.15	<0.005	0.022	0.005	0.05	<0.2	0.02	0.23				
DUP			0.3	0.13	<0.005	0.021	0.003	0.05	<0.2	0.03	0.23				
Target Range - Lower Bound			<0.1	0.12	<0.005	0.015	0.003	<0.05	<0.2	<0.01	0.19				
Upper Bound			0.4	0.16	0.010	0.028	0.005	0.10	0.4	0.04	0.27				
40357403															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357409															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357411															
DUP															
Target Range - Lower Bound															
Upper Bound															

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS61 Li ppm 0.2	ME-MS61 Mo ppm 0.05	ME-MS61 Ni ppm 0.2	ME-MS61 Pb ppm 0.5	ME-MS61 Sc ppm 0.1	ME-MS61 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.002
DUPLICATES															
40357368															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357378	64.7	2.24	62.9	18.0	15.1	94									
DUP	70.0	2.29	63.0	18.6	15.2	92									
Target Range - Lower Bound	63.8	2.10	59.6	16.9	14.3	86									
Upper Bound	70.9	2.43	66.3	19.7	16.0	100									
40357385															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357393															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357397															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357403															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357409							0.001	0.0013	0.001						
DUP							0.002	0.0012	0.001						
Target Range - Lower Bound							<0.001	0.0007	<0.001						
Upper Bound							0.002	0.0018	0.002						
40357411															
DUP															
Target Range - Lower Bound															
Upper Bound															

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North Vancouver BC V7H 0A7
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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
DUPLICATES												
40357368												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357378												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357385												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357393												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357397												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357403												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357409												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357411												
DUP												
Target Range - Lower Bound												
Upper Bound												

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01
DUPLICATES															
40357412															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357419	33.5	8.66	33.2	1.95	2.93	1.40	1.35	0.037	0.34	0.08	0.08	0.02	0.04		
DUP	33.9	8.58	25.8	1.93	2.81	1.42	1.32	0.038	0.34	0.08	0.09	0.02	0.04		
Target Range - Lower Bound	32.8	8.39	28.8	1.88	2.79	1.36	1.29	0.035	0.32	0.07	0.07	<0.01	0.03		
Upper Bound	34.6	8.85	30.2	2.00	2.95	1.46	1.38	0.040	0.36	0.09	0.10	0.03	0.05		
40357428															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357429															0.96
DUP															0.96
Target Range - Lower Bound															0.93
Upper Bound															0.99
40357431															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	C-IR07 C % 0.01	S-IR08 S % 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01
DUPLICATES															
40357412 DUP															
Target Range - Lower Bound															
Upper Bound															
40357419	0.22	15.55	341	30.6	270	3.37	1.52	0.79	0.65	11.8	1.97	1.9	0.30	15.1	0.12
DUP	0.22	16.10	341	31.7	250	3.46	1.37	0.79	0.60	10.6	1.91	1.7	0.29	15.5	0.13
Target Range - Lower Bound	0.20	15.40	323	29.5	240	3.23	1.32	0.72	0.56	10.5	1.79	1.5	0.27	14.4	0.11
Upper Bound	0.24	16.25	359	32.8	280	3.60	1.57	0.86	0.69	11.9	2.09	2.1	0.32	16.2	0.14
40357428 DUP															
Target Range - Lower Bound															
Upper Bound															
40357429 DUP															
Target Range - Lower Bound															
Upper Bound															
40357431 DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL		3.24													
DUP		3.17													
Target Range - Lower Bound		3.11													
Upper Bound		3.30													
ORIGINAL			314	54.5	150	2.51	2.13	1.31	0.81	19.1	2.73	3.4	0.48	29.6	0.18
DUP			328	58.5	160	2.68	2.34	1.44	0.90	20.4	2.89	3.7	0.43	31.3	0.18
Target Range - Lower Bound			304	53.6	140	2.46	2.07	1.28	0.78	18.7	2.62	3.2	0.42	28.8	0.16
Upper Bound			338	59.4	170	2.73	2.40	1.47	0.93	20.8	3.00	3.9	0.49	32.1	0.20

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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1
DUPLICATES															
40357412 DUP															
Target Range - Lower Bound															
Upper Bound															
40357419	3.4	14.7	3.71	50.5	2.72	1	194.0	0.3	0.27	3.36	0.11	1.04	79	2	7.2
DUP	3.3	14.3	3.78	51.0	2.34	1	199.5	0.3	0.28	3.56	0.12	1.12	73	1	8.0
Target Range - Lower Bound	3.0	13.7	3.53	48.0	2.37	<1	187.0	0.2	0.25	3.24	0.10	0.98	67	<1	7.1
Upper Bound	3.7	15.3	3.96	53.5	2.69	2	207	0.4	0.30	3.68	0.13	1.18	85	2	8.1
40357428 DUP															
Target Range - Lower Bound															
Upper Bound															
40357429 DUP															
Target Range - Lower Bound															
Upper Bound															
40357431 DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	5.1	22.9	6.29	107.0	3.98	1	94.4	0.5	0.38	8.97	0.18	3.01	113	10	11.5
DUP	5.7	23.4	6.52	110.0	4.13	1	98.6	0.5	0.39	9.27	0.19	2.99	118	8	12.2
Target Range - Lower Bound	4.9	21.9	6.05	103.0	3.82	<1	91.6	0.4	0.36	8.61	0.17	2.80	105	8	11.2
Upper Bound	5.9	24.4	6.76	114.0	4.29	2	101.5	0.6	0.41	9.63	0.20	3.20	126	10	12.5

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-MS61 Ag ppm 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2
DUPLICATES															
40357412												0.07	0.09	27.1	54.4
DUP												0.07	0.11	25.3	52.8
Target Range - Lower Bound												0.06	0.08	24.8	51.5
Upper Bound												0.08	0.13	27.6	55.7
40357419	0.80	65													
DUP	0.70	65													
Target Range - Lower Bound	0.68	60													
Upper Bound	0.82	70													
40357428															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357429															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357431			2.2	0.41	<0.005	0.068	0.003	0.12	0.6	0.12	0.04				
DUP			2.4	0.40	<0.005	0.068	0.002	0.09	0.9	0.12	0.04				
Target Range - Lower Bound			2.1	0.37	<0.005	0.060	<0.001	<0.05	0.5	0.10	<0.02				
Upper Bound			2.5	0.44	0.010	0.076	0.004	0.16	1.0	0.14	0.06				
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL	1.20	121													
DUP	1.29	128													
Target Range - Lower Bound	1.15	116													
Upper Bound	1.34	133													

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description / Method / Analyte / Units / LOR	ME-MS61 Li ppm 0.2	ME-MS61 Mo ppm 0.05	ME-MS61 Ni ppm 0.2	ME-MS61 Pb ppm 0.5	ME-MS61 Sc ppm 0.1	ME-MS61 Zn ppm 2	PGM-MS24 Au ppm 0.001	PGM-MS24 Pt ppm 0.0005	PGM-MS24 Pd ppm 0.001	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.002
DUPLICATES															
40357412	67.3	1.26	49.5	12.7	20.0	96									
DUP	50.0	1.16	46.2	15.7	19.4	145									
Target Range - Lower Bound	55.5	1.10	45.3	13.0	18.6	112									
Upper Bound	61.8	1.32	50.4	15.4	20.8	129									
40357419															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357428							0.002	0.0012	0.001						
DUP							0.002	0.0011	0.001						
Target Range - Lower Bound							<0.001	0.0006	<0.001						
Upper Bound							0.003	0.0017	0.002						
40357429															
DUP															
Target Range - Lower Bound															
Upper Bound															
40357431															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
		DUPLICATES										
40357412												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357419												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357428												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357429												
DUP												
Target Range - Lower Bound												
Upper Bound												
40357431												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	TOT-ICP06	OA-GRA05
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	Total	LOI
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
PREP DUPLICATES																
40357364		72.1	12.95	1.44	0.62	0.44	1.88	7.92	0.003	0.03	0.02	0.01	0.02	0.08	98.24	0.73
40357364 PREP DUP		73.2	13.35	1.41	0.69	0.46	1.98	8.21	0.004	0.03	0.02	0.03	0.02	0.08	100.22	0.74

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Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
	Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.5	0.1	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.1	0.01
PREP DUPLICATES																
40357364		0.15	0.03	789	40.9	20	1.61	0.67	0.40	0.57	12.4	1.11	1.5	0.11	20.9	0.06
40357364 PREP DUP		0.15	0.02	774	41.7	20	1.70	0.66	0.30	0.54	11.9	1.22	1.5	0.14	21.4	0.06

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1
PREP DUPLICATES																
40357364		1.5	15.4	4.60	164.0	2.21	<1	184.5	0.1	0.13	7.60	0.06	2.71	6	<1	3.6
40357364 PREP DUP		1.7	15.7	4.63	172.0	2.53	<1	195.0	0.1	0.15	8.76	0.05	2.85	5	1	3.8

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Sample Description	Method	ME-MS81	ME-MS81	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Yb	Zr	As	Bi	Hg	In	Re	Sb	Se	Te	Tl	Ag	Cd	Co	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.03	2	0.1	0.01	0.005	0.005	0.001	0.05	0.2	0.01	0.02	0.01	0.02	0.1	0.2
PREP DUPLICATES																
40357364		0.34	44	<0.1	0.04	<0.005	0.008	<0.001	<0.05	<0.2	<0.01	0.02	0.04	<0.02	1.7	25.6
40357364 PREP DUP		0.33	41	0.2	0.04	<0.005	0.013	<0.001	<0.05	<0.2	<0.01	0.03	0.03	<0.02	1.6	24.8

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VANCOUVER BC V6C 1S4

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QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	PGM-MS24	PGM-MS24	PGM-MS24	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
	LOR	0.2	0.05	0.2	0.5	0.1	2	0.001	0.0005	0.001	0.01	0.01	0.05	0.002	0.01	0.002
PREP DUPLICATES																
40357364		12.3	1.64	3.9	40.4	1.2	7	0.001	<0.0005	<0.001						
40357364 PREP DUP		13.4	1.29	4.2	44.7	1.1	7	0.002	<0.0005	<0.001						

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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VANCOUVER BC V6C 1S4

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.05	0.05	0.1	0.01	0.01	0.002	0.01	0.01	0.2	0.01	0.002
PREP DUPLICATES												
40357364												
40357364 PREP DUP												

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To: **RIO TINTO EXPLORATION CANADA INC.**
354-200 GRANVILLE STREET
VANCOUVER BC V6C 1S4

Finalized Date: 5-JUN-2018
Account: KAV

Project: EB80004238

QC CERTIFICATE OF ANALYSIS TB18109461

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	LOG-21d
	LOG-23	PUL-32	PUL-32d	PUL-QC
	SPL-21d	SPL-22	SPL-22X	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	C-IR07	ME-ICP06	ME-ICP81	ME-MS42
	ME-MS61	ME-MS81	OA-GRA05	PGM-MS24
	S-IR08	TOT-ICP06		