RioTinto

Rio Tinto Exploration Canada Inc.

2018 Diamond Drilling Program on the Bark Lake Project

Boot Bay Area
NTS 52B/15
Thunder Bay Mining Division
Ontario, Canada

Justin Laberge, P.Geo
November 12th 2018

Table of Contents

Summary 4
Introduction 4
Location and Access 5
Property Status 5
Previous Work 9
Regional Geology 11
Diamond Drilling 11
Drill Holes Geology 14
Drill Holes Geochemistry 19
- Sampling Method and Approach 19
- Quality Control 19
- Sample Preparation, Analyses 19
- Assay Results and Discussion 19

Discussion and recommendation of further work 26
Statement of Qualifications 27
Appendix A: Core Logs 28
Appendix B: Exploration Costs 32
Appendix C: Assay Certificate 33

Table of Figures

Figure 1: Map showing location of project area 5
Figure 2: Map of the Bark Lake property claims 9
Figure 3: Regional Geological Map of the Bark Lake area (OGS Miscellaneous Release MRD126) 11
Figure 4: Map of the Bark Lake drilling area showing the collars and drill traces of the three 2018 drillholes. 12
Figure 5: Map of the Bark Lake drilling area on gridded magnetic data (1st vertical derivative) showing the collars and drill traces of the three 2018 drillholes. 13
Figure 6: Map showing location and trace of drill holes at Bark Lake on transparent satellite imagery. Red line is the magnetic high outline based on the 2nd vertical derivative, yellow line is the surface projection of the IP anomaly (30ms isosurface from 3D chargeability model). 13
Figure 7: Core photo of QTBL0001 at 39.3m, showing fine-grained, olivine-rich peridotite with 2-3% disseminated, interstitial pyrrhotite-chalcopyrite. 15
Figure 8: Core photo of QTBL0002 at 59.4m, showing very fine-grained interstitial pyrrhotite in peridotite. 15
Figure 9: Core photo of QTBL0003 at 32.2m, at the base of the unmineralized peridotite. 16
Figure 10: West-East cross section through drillholes QTBL0001 and QTBL0002. 17
Figure 11: West-East cross section through drillhole QTBL0003. 18
Figure 12: TiO_2/MgO element ratio plot for ultramafic intrusive rocks at Bark Lake. 20
Figure 13: Ni/Cu, Pd/Pt, Pt/S and Ni/Pt element ratio plots for ultramafic intrusive rocks at Bark Lake. 21
Figure 14: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0001. Purple unit is peridotite, dark purple unit is dunite, grey unit is meta-sediment, yellow unit is pegmatite, light pink unit is granitic rocks. 25

Figure 15: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0002. Purple unit is peridotite, grey unit is meta-sediment, yellow unit is pegmatite, light pink unit is granitic rocks. 25
Figure 16: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0003. Purple unit is peridotite, grey unit is meta-sediment, yellow unit is pegmatite, pink unit is granitic rocks. . 26

Table of Tables

Table 1: List of personnel 4
Table 2 - List of Bark Lake Claims (post-conversion) 6
Table 3- List of Bark Lake Claims (pre-conversion) 8
Table 4- Summary Table of 2018 Drill Holes 12
Table 5 – Summary log for QTBL0001 14
Table 6 – Summary log for QTBL0002 15
Table 7 – Summary log for QTBL0003 16
Table 8 - Summary of best assays from 2018 drillholes 16
Table 9: Assays for selected elements from Bark Lake drillholes 22

Summary

Between February 21st and February 28th, 2018, Rio Tinto Exploration Canada drilled three diamond drillholes on the Bark Lake property, for a total of 408m drilled. The objective of the drilling was to identify PGE-Cu-Ni mineralization associated with a small ultramafic intrusion forming a discrete magnetic anomaly in the central part of the property.

The diamond drilling was done by George Downing Estate Drilling, under direct supervision from Rio Tinto Exploration Canada. Drill pads where set on lake ice and drillholes were cemented upon completion, and casing removed.

The three holes intersected peridotite from surface, down to shallow depths of 32 to 61m. Very fine-grained, disseminated, magmatic Cu-Ni mineralization was observed in the olivine cumulate at the base of QTBL0001. Only trace amount of fine-grained interstitial pyrrhotite occurs near the base of the intrusive in QTBL0002, and no mineralization occurs in QTBL0003.

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

Introduction

In 2016, Rio Tinto Exploration Canada Inc. (RTECI) entered into an earn-in option agreement with Benton Resources (BEX) over the Bark Lake Property in the Thunder Bay mining district of North-Western Ontario. Work included in this assessment report includes drilling of three diamond drill holes in the winter of 2018, with associated core logging and assays.

Work included in this assessment report is pursuant to Exploration Permit PR17-11194, filed November 16, 2017.

Table 1: List of personnel

Company	Name	Position
RTECI	Chris Pettman	Exploration Manager
	Justin Laberge	Project Geologist
	Lindsay McClenaghan	Geologist
	Christophe Hyde	Geophysicist
	Eileen Lyon	Geophysicist
	Rob Varrin	Project Coordinator
	Steve Swinamer	Project Coordinator

Location and Access

The Bark Lake property is located approximately 110km west-northwest of Thunder Bay Ontario (Figure 1), in Boot Bay Area. The property can be reached by road, through highway 11, Lily Lake road and Boot Bay road.

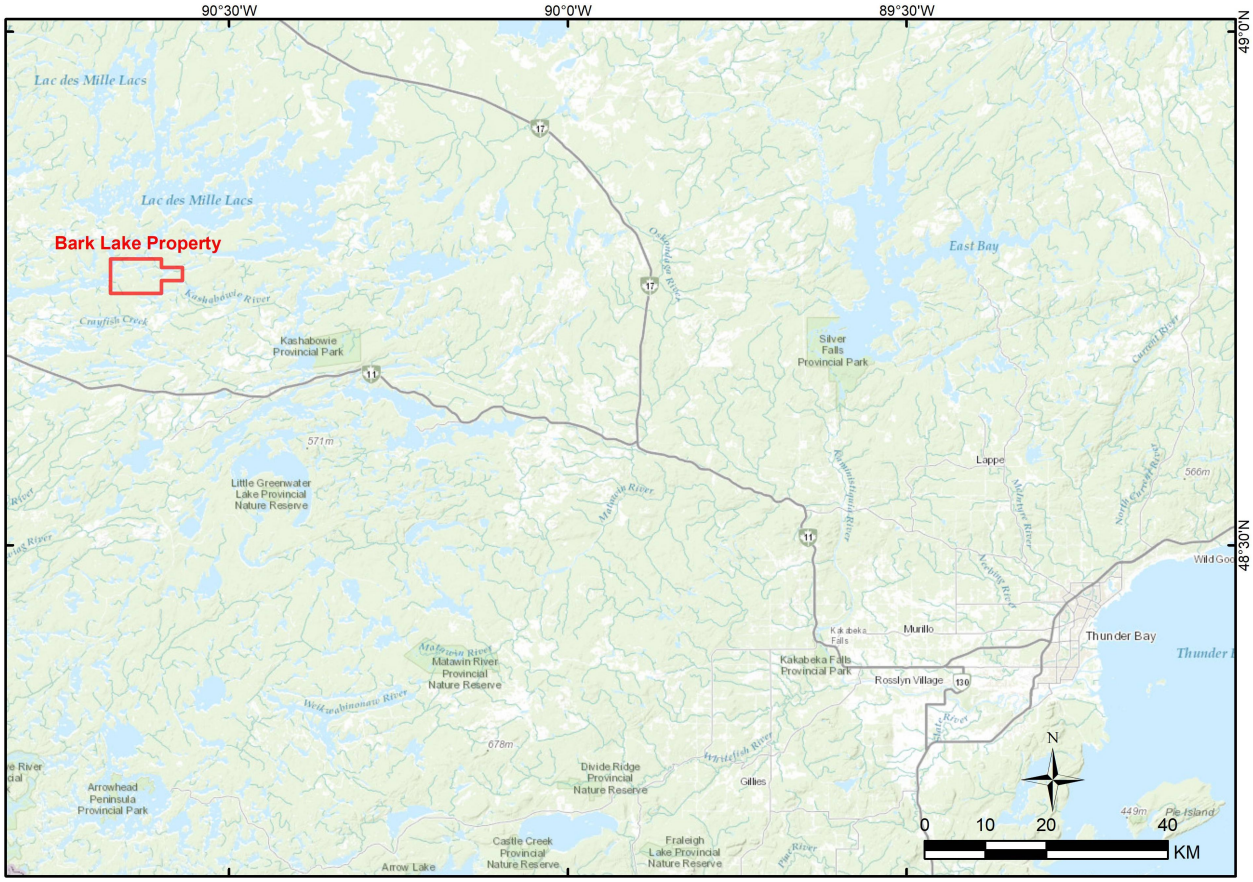

Figure 1: Map showing location of project area

Property Status

The Bark Lake Project consists of 130 claim units, representing 5,369 Ha. These claims are listed in the table below and shown in Table 2. Before the April 10th, 2018 conversion, the property consisted of 10 claims, over 4,384 Ha. The pre-conversion claims were 4204413, 4204414, 4213170, 4213171, 4276032, 4276034, 4276035, 4276047, 4276048, 4276049 (Figure 3). The 2018 drilling only took place over the single cell claim 276449 (or pre-conversion claim 4213171).

Table 2 - List of Bark Lake Claims (post-conversion)

Claim Number	Parties	Issue Date	Claim Type
338363	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
338364	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
337759	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
337760	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
108469	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
109999	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
112620	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
113683	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
109405	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
118678	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
130101	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
133900	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
133901	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
133902	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
139077	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
138958	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
138959	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
145065	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
147693	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
147589	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
148609	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
150483	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
159159	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
160419	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
162152	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
160057	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
166471	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
167477	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
168656	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
165397	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
173020	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
174756	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
176796	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
176797	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
179899	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
183663	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
185942	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
185744	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
185745	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
195794	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
194666	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
198603	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
198546	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
204330	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
204331	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
206605	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
212691	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
210549	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim

210550	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
210551	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
212400	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
211163	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
213024	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
216861	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
215224	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
224746	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
229511	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
229512	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
229513	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
231423	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
240323	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
239695	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
242303	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
242304	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
240874	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
240875	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
242887	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
242888	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
248384	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
245815	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
245816	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
245817	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
248884	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
251368	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
251369	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
247770	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
247771	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
247772	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
247773	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
249952	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
253246	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
253806	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
252597	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
252598	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
259897	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
259898	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
262358	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
262359	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
262360	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
262786	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
259789	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
260692	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
262459	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
265867	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
265868	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
265869	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
268145	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
270747	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
270748	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim

270749	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
270770	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
276449	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
276450	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
276451	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
281745	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
281746	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
289827	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
295505	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
295506	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
298043	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
302461	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
300583	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
300595	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
300596	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
307009	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
307010	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
310270	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
310167	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
310168	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
315278	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
316989	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
314382	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
319819	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
319820	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
321978	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
326562	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
335162	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
335163	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Boundary Cell Mining Claim
332051	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim
332065	Rio Tinto Exploration Canada (100%)	10-Apr-2018	Single Cell Mining Claim

Table 3- List of Bark Lake Claims (pre-conversion)

Claim Number	Parties	Issue Date	Old Claim Units	Area (Ha)
4204413	Rio Tinto Exploration Canada (100%)	9-Aug-2016	16	254
4204414	Rio Tinto Exploration Canada (100%)	9-Aug-2016	12	194
4213170	Rio Tinto Exploration Canada (100%)	16-Aug-2006	8	126
4213171	Rio Tinto Exploration Canada (100%)	16-Aug-2006	6	97
4276032	Rio Tinto Exploration Canada (100%)	12-Sep-2016	15	239
4276034	Rio Tinto Exploration Canada (100%)	12-Sep-2016	9	144
4276035	Rio Tinto Exploration Canada (100%)	12-Sep-2016	14	223
4276047	Rio Tinto Exploration Canada (100%)	12-Sep-2016	9	145
4276048	Rio Tinto Exploration Canada (100%)	8-Sep-2016	15	241
4276049	Rio Tinto Exploration Canada (100%)	12-Sep-2016	15	238

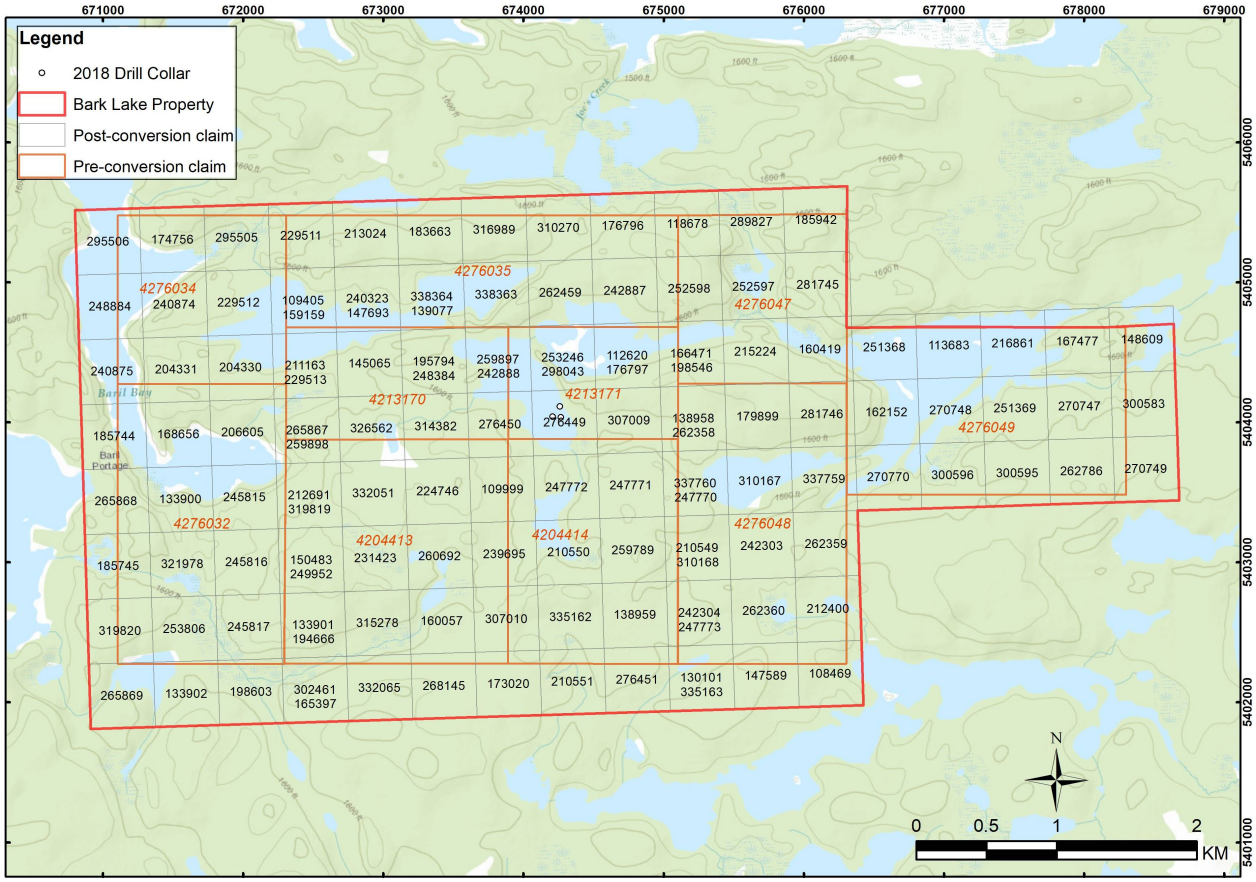

Figure 2: Map of the Bark Lake property claims

Previous Work

1971: Airborne geophysical surveys carried out in 1969 were followed up with ground EM and magnetic surveys over selected conductors from the airborne work by Monteagle Minerals Limited in the Boot Bay – Bedivere Lake area. An additional thirteen claims were staked to cover airborne anomalies which were ground truthed to be sulphide concentrations and graphitic horizons in a volcanic package of basalt, andesite, rhyolite, tuffs and greywacke.

1974: Geological mapping, prospecting, trenching and diamond drilling was completed by Falconbridge Nickel Mines Limited. This diamond drill program returned gold assays up to 0.13 oz/ton over 23.0 feet of core. It is thought this drilling tested the West zone.

1981: Follow-up line-cutting, prospecting and ground magnetometer and EM surveys were conducted by Lacana Mining Corporation over the southern Wabigoon/Quetico Subprovince boundary. Only one small land package owned by Lacana Mining overlies the Bark Lake Property in the Bolton Bay area.

1990: Mingold Resources Inc. carried out a reconnaissance till sampling program with a total of 823 samples being collected. The results of the bulk till sampling program outlined 37 first order anomalies

and many lesser anomalies have also been outlined. This sampling program covers a large area, stretching from Bedivere Lake Area and Brule Lake Area in the northwest to Paipoonge and Gilles Townships in the South east. The sampling area covers portions of the Bark Lake Property.

1997: The Bolton Bay property was acquired by Green Ice Corp. which overly the northeast edge of the Bark Lake property. Work completed includes geological mapping, prospecting, ground magnetic and IP geophysical surveys. Follow-up IP and diamond drilling over the East and West Zones discovered in early 1900's is recommended.

1998: Ground IP geophysics and diamond drilling was completed by Green Ice Corp. as followup to their 1997 mapping program. Drilling encountered bonanza style gold mineralization between 15 – 20 g/t in half meter wide quartz-carbonate veins, however it was thought that the strong IP anomalies were explained by graphitic sections encountered in drilling. Follow-up surface trenching of the gold zones is recommended to improve the geological understanding of the showings.

1999: Ontario Geological Survey completed lake-bottom sediment sampling over the property as part of Operation Treasure Hunt.

2003: Ontario Geological Survey completed lake-bottom sediment sampling over the property as part of the Shebandowan area high density regional lake sediment and water geochemical survey.

2005: Stone maps the area of Bark Lake as part of the Bedivere Lake area mapping and shows boulders of Hornblendite (10h) in the area where, subsequently, mineralized boulders are discovered through prospecting.

2008: Benton Resources Corporation drilled a total of 1,444.00 m of BQ thin wall core in seven holes (table 2 and figure 3). Drill core is cross piled and stored on the property. The drill program was designed to follow-up surface boulders that assayed up to 1.5% Ni, 1.2% Cu, 2.6 g/t Pt, 1.4 g/t Pd and 0.7 g/t Au. In addition, an outcrop of Ultramafic intrusive was discovered during prospecting. Ground magnetometer and IP surveys were then carried out to define drill targets in the area of interest where coincident mag and IP anomalies occurred. Only one of the five holes encountered anomalous values of nickel, copper and PGE's.

2009: Benton Resources Corporation contracted Universal Wing to fly 530 survey line kilometres of aeromagnetics over the Bark Lake Property. The purpose of the survey was to collect geophysical data that could be used to prospect directly for anomalous magnetic areas in the Earth's crust which may be caused by, or related to, economic minerals. Secondly, the geophysical patterns identified, could be used indirectly for exploration by mapping the geology in detail, including faults, shear zones, folding, alteration zones and other structures. Recommendations included ground follow up of magnetic features and a survey for conductors in prospective areas.

2011: Platinum Group Metals conducted a prospecting and 8 holes diamond drill program. Targets were magnetic anomalies associated with down-ice discovering of mineralized boulders. Drilling results produced two minor intersections of gabbro and leucogabbro. Platinum Group Metals determined these results did not warrant any further work.

2017: RTECI flew at helicopter supported HeliTEM survey that covered 100% of the Bark Lake property.

Regional Geology

The Bark Lake property is located within the Archean Quetico meta-sedimentary belt, part of the Superior Province. The Quetico Subprovince is in contact with the Wabigoon Subprovince to the North, across the Quetico Fault, and consists mainly of meta-sedimentary rocks and derived migmatite and granite. A suite of syntectonic Alaska-type mafic-ultramafic intrusions occur locally within the Quetico belt, and are referred to as Quetico intrusions. These Archean intrusions are commonly associated with a narrow meta-sedimentary corridor that is wedged between the Quetico granitoids to the south and the Quetico Fault Zone to the north.

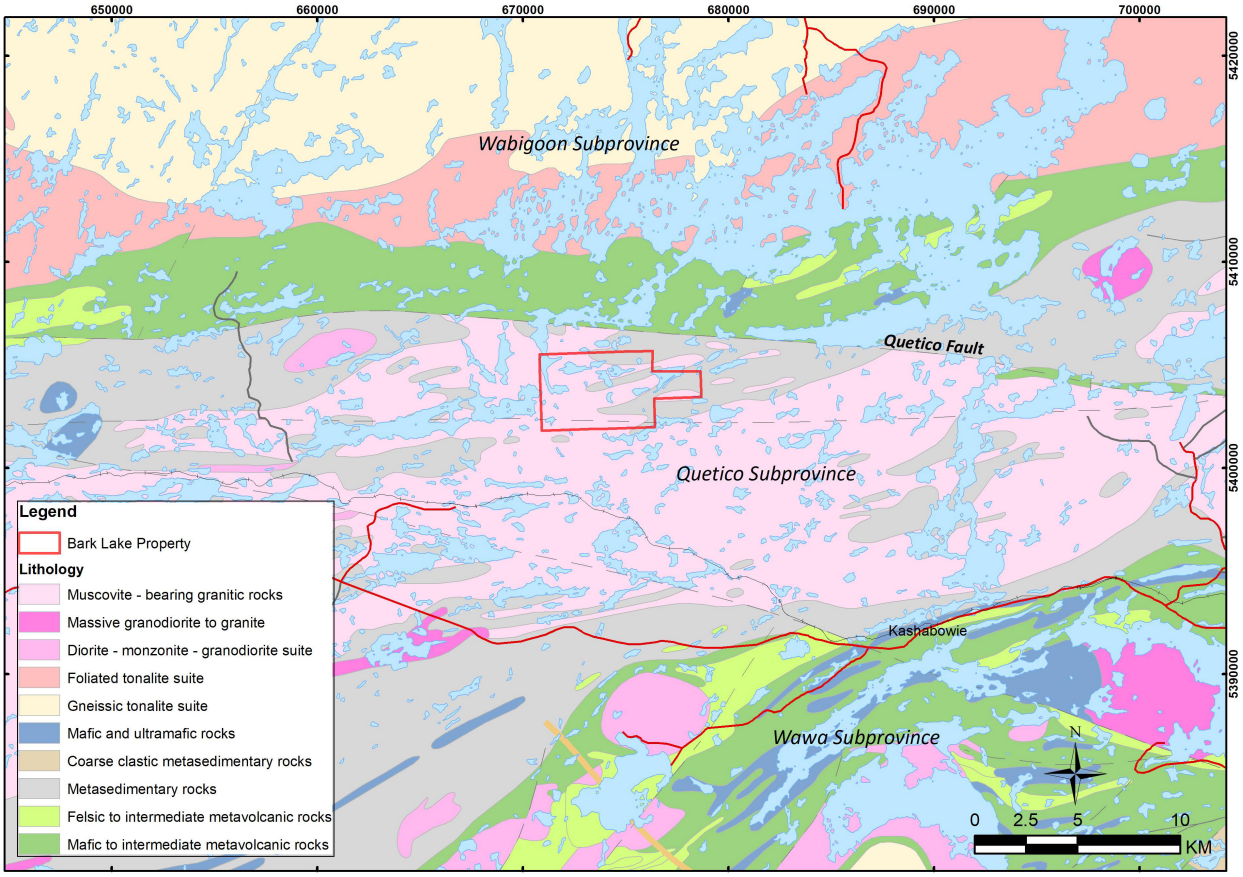

Figure 3: Regional Geological Map of the Bark Lake area (OGS Miscellaneous Release MRD126).

Diamond Drilling

A total of 408m of core drilling was completed in 3 diamond drillholes, drilled by George Downing Estate Drilling Ltd between February 21st and February 28th, 2018. The 3 drillholes targeted a magnetic anomaly with an associated IP chargeability anomaly. All of the drill core was NQ in size and was transported to Rio Tinto's core shed in Thunder Bay for logging and sampling.

Table 4- Summary Table of 2018 Drill Holes

Hole ID	Easting	Northing	Elevation (m)	Azimuth	Dip	Depth (m)	Samples Assayed
QTBL0001	674266.6	5404035.3	472	270	-85	162	51
QTBL0002	674208.5	5404039.0	472	270	-85	144	46
QTBL0003	674259.4	5404113.7	472	330	-85	102	53

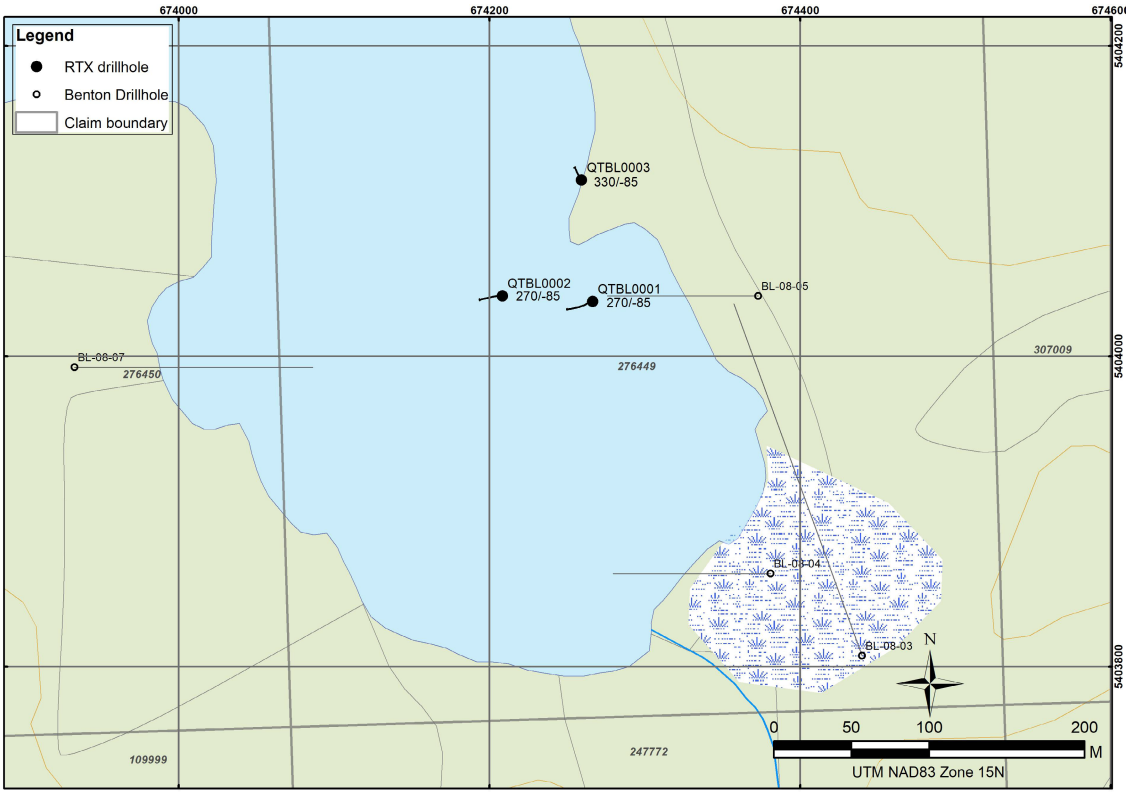

Figure 4: Map of the Bark Lake drilling area showing the collars and drill traces of the three 2018 drillholes.

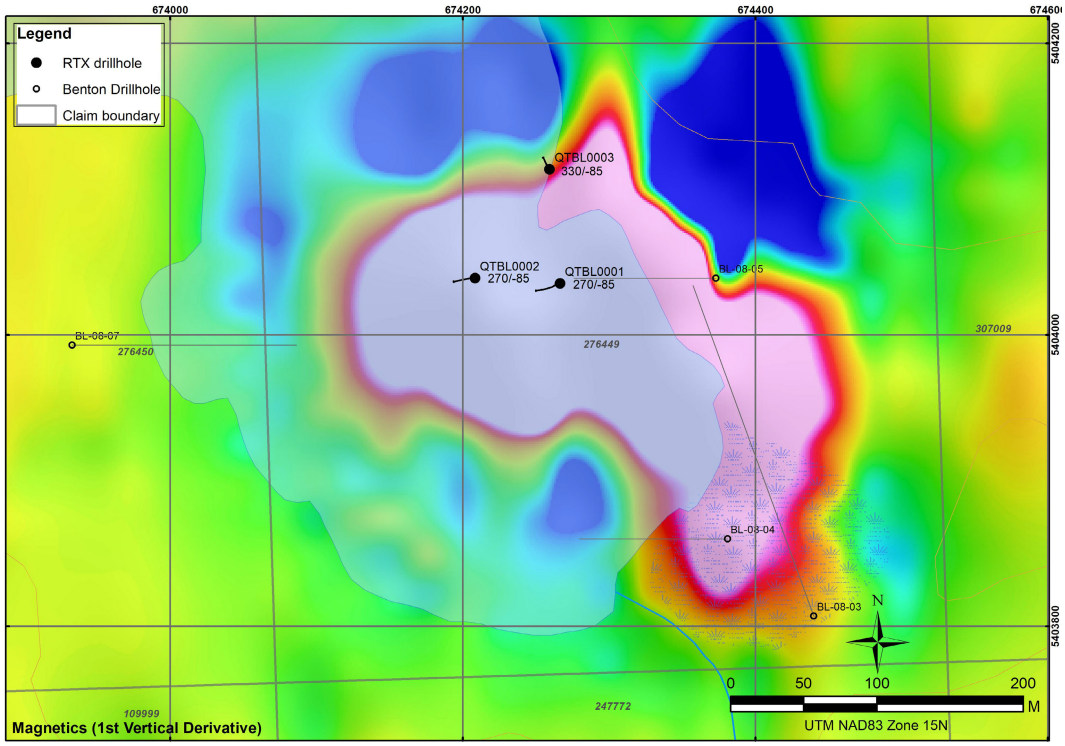

Figure 5: Map of the Bark Lake drilling area on gridded magnetic data (1st vertical derivative) showing the collars and drill traces of the three 2018 drillholes.

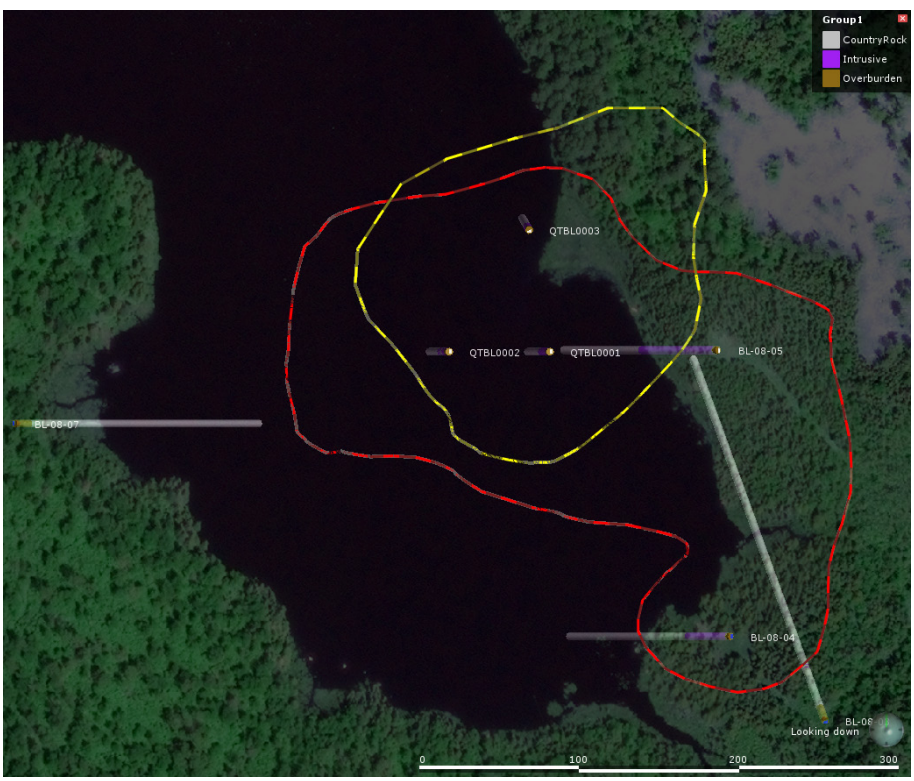

Figure 6: Map showing location and trace of drill holes at Bark Lake on transparent satellite imagery. Red line is the magnetic high outline based on the 2nd vertical derivative, yellow line is the surface projection of the IP anomaly (30ms isosurface from 3D chargeability model).

Drill Holes Geology

The three drill holes intersected the magnetic peridotite from surface, down to shallow depths of 32 to 61m. Very fine-grained, disseminated, magmatic Cu-Ni mineralization was observed in the olivine cumulate at the base of QTBL0001. Only trace amount of fine-grained interstitial pyrrhotite occurs near the base of the intrusive in QTBL0002, and no mineralization was noted in QTBL0003. Summary logs for these holes are presented in Tables 5-7 and drill logs are presented in Appendix A.

QTBL0001 intersected peridotite from surface, down to 61m. The lower 8.6m of the intrusion is olivine-rich, and was logged as a dunite. Fine-grained, interstitial, magmatic sulphides occur in the dunite, with up to 1% pyrrhotite-chalcopyrite, but the best mineralization occurs in the lower 16.6m of the overlying peridotite unit. Up to 2% pyrrhotite-chalcopyrite occurs between 36.0m and 52.6m in the peridotite, which represents the best mineralization encountered in the 3 drillholes. The best interval from this hole is 19.17m at 0.31% Cu, 0.16%Ni, 0.33g/t Pt and 0.39g/t Pd, from a depth of 37.3m (Table 8).

QTBL0002 intersected peridotite from surface down to 31m, and another two intervals down to 43m, before entering into Quetico meta-sediments. The dunite unit was not intersected below the peridotite in this hole. Minor mineralization also occurs in this hole, but only in the upper intercepted ultramafic interval, with close to 1% of disseminated fine-grained pyrrhotite-chalcopyrite, from 14m to 31m. The best assayed interval from QTBL0002 is 9.0m at 0.13%Cu, 0.13%Ni, 0.07g/t Pt and 0.06g/t Pd, from a depth of 14.1m.

QTBL0003 intersected peridotite down to 32m, with no observed mineralization.

Table 5 – Summary log for QTBL0001

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	9.4	9.4	Water + Overburden	0.0	9.4		
9.4	52.6	43.2	Peridotite (fine-grained wehrlite)	9.4	36.0	26.6	Trace Po, fine-grained, interstitial
				36.0	52.6	16.6	2% Po-Cpy, fine-grained, interstitial
52.6	61.2	8.6	Dunite (fine-grained)	52.6	61.2	8.6	1% Po-Cpy, fine-grained, interstitial
61.2	162.0	100.8	Meta-sediments	61.2	162.0	100.8	None

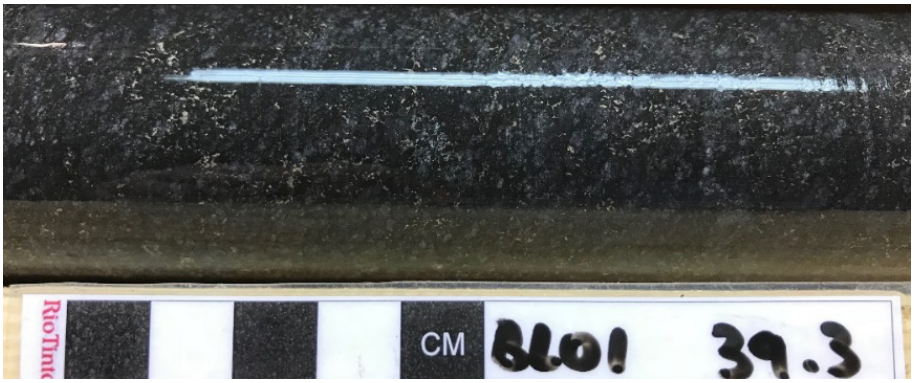

Figure 7: Core photo of QTBL0001 at 39.3m, showing fine-grained, olivine-rich peridotite with 2-3% disseminated, interstitial pyrrhotite-chalcopyrite.

Table 6 – Summary log for QTBL0002

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	14.0	14.0	Water + Overburden	0.0	14.0		
14.0	31.0	17.0	Peridotite	14.0	31.0	17.0	1% Po-Cpy, fine-grained interstitial
14.0	31.0	17.0	Peridotite	14.0	49.1	35.1	None
31.0	39.2	8.2	Leucogranite				
39.2	43.4	4.2	Peridotite				
43.4	44.2	0.8	Biotitic fault zone				
44.2	49.1	4.9	Leucogranite				
49.1	59.7	10.6	Peridotite	49.1	57.7	10.6	Trace Po
59.7	63.7	4.0	Leucogranite	59.7	144	84.3	None
63.7	144	80.3	Meta-sediments				

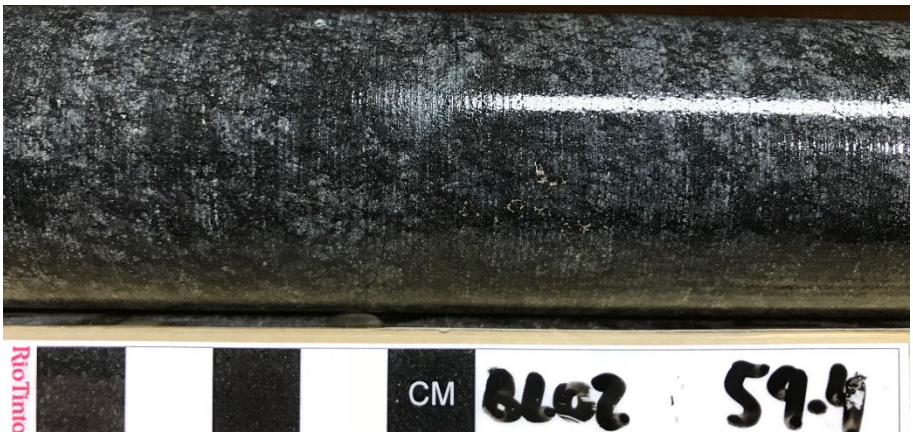

Figure 8: Core photo of QTBL0002 at 59.4m, showing very fine-grained interstitial pyrrhotite in peridotite.

Table 7 – Summary log for QTBL0003

From	To	Interval	Lithology	From	To	Interval	Mineralization
0	9.4	9.4	Water + Overburden	0.0	9.4		
9.4	32.4	23.0	Peridotite	9.4	32.4	23	Trace Po
32.4	38.1	5.7	Leucogranite	32.4	102	69.6	None
38.1	102	63.9	Meta-sediments				

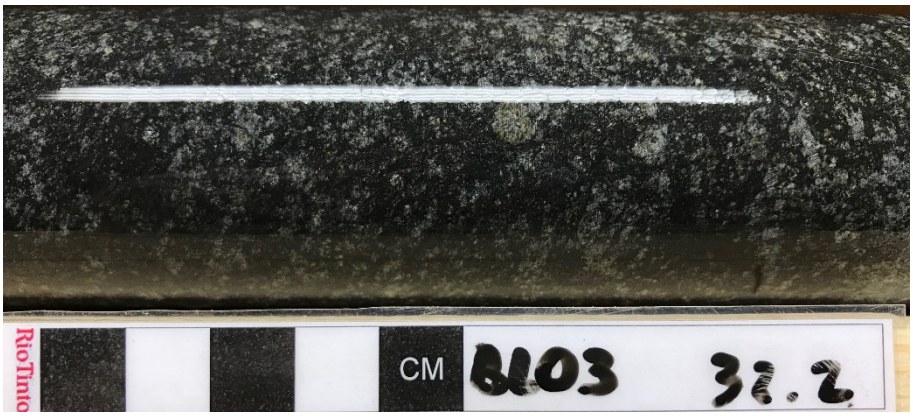

Figure 9: Core photo of QTBL0003 at 32.2m, at the base of the unmineralized peridotite.

Table 8 - Summary of best assays from 2018 drillholes

Drillhole #	From	To	Interval	Cu (%)	Ni (%)	Pd (g/t)	Pt (g/t)	S (%)	Pt/Pd	CuEq[1] (%)
QTBL0001	37.34	57.0	19.2[2]	0.31	0.16	0.39	0.33	0.81	0.85	1.06
including	*41.5*	*43.0*	*1.5*	*0.63*	*0.26*	*0.70*	*0.63*	*1.63*	*0.90*	*1.95*
QTBL0002	14.1	23.0	9	0.13	0.13	0.06	0.07	0.33	1.12	0.46
including	*15.5*	*17.0*	*1.5*	*0.20*	*0.16*	*0.09*	*0.09*	*0.48*	*1.04*	*0.61*

[1] Cu equivalent based on Cu at $2.60/lb, Ni at $5.00/lb, Pt at $1,200/oz and Pd at $800/oz.

[2] 19.7m interval with an excluded 0.5m pegmatite within

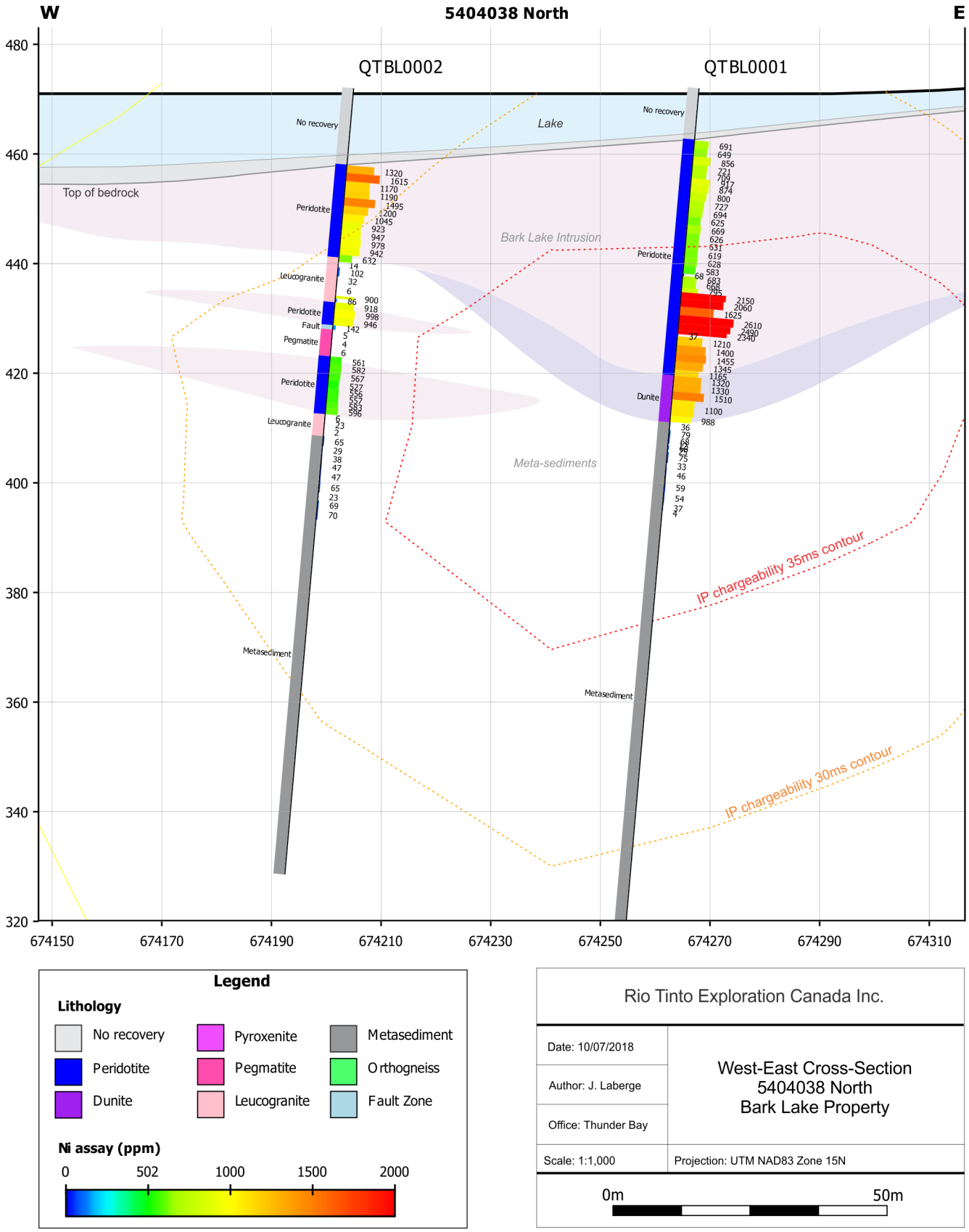

Figure 10: West-East cross section through drillholes QTBL0001 and QTBL0002.

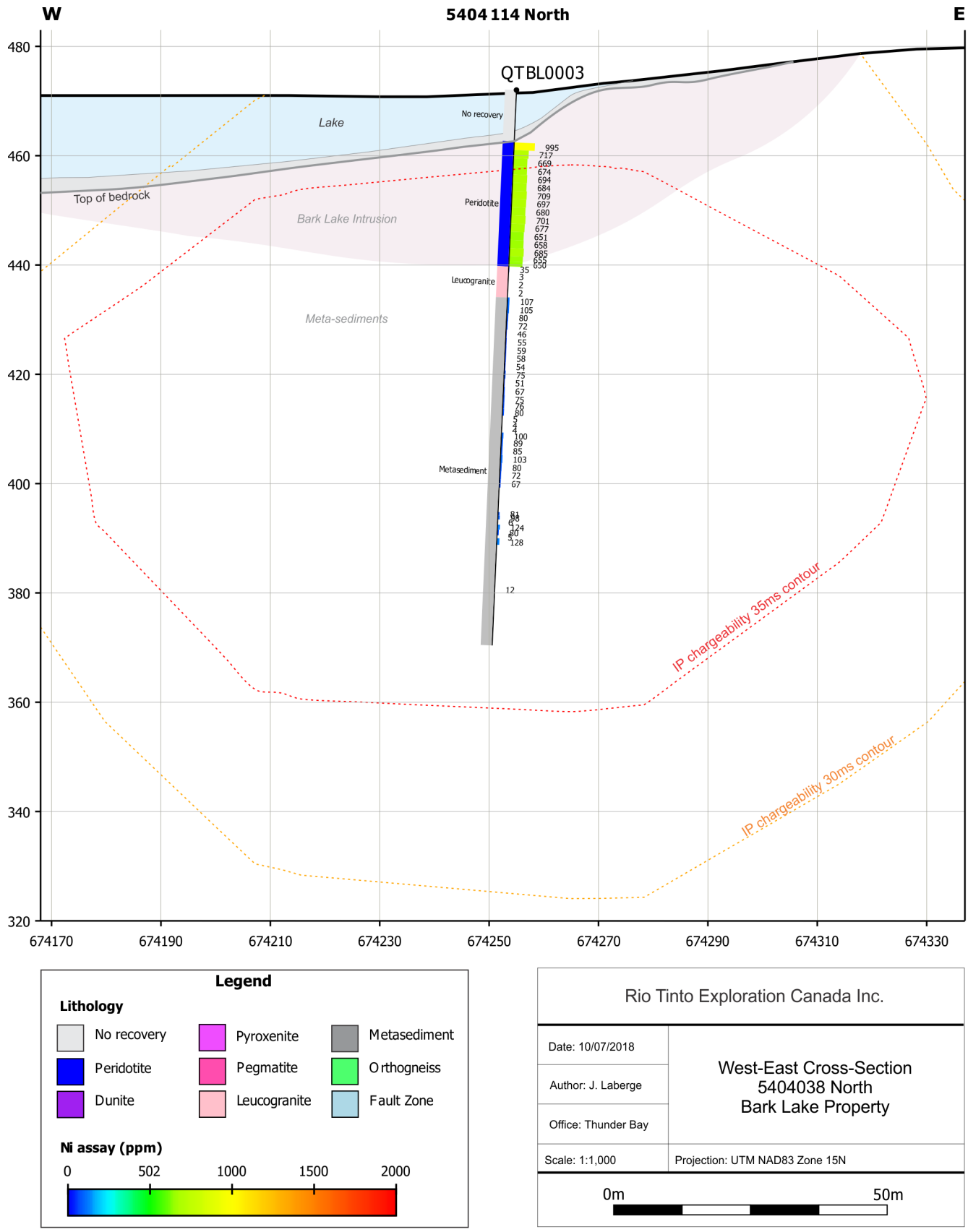

Figure 11: West-East cross section through drillhole QTBL0003.

Drill Holes Geochemistry

Sampling Method and Approach

A total of 167 samples were processed by ALS Chemex for this program. All of the ultramafic intrusive rocks were systematically sampled, as well as some of the host rocks below the intrusive contact, respective lithology breaks in the sampling. 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. 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. Duplicates 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 intrusive samples, whether mineralized or barren, were submitted for ALS's Complete Characterization package (CCP-PKG01) with the PGM-MS24. Sediment samples were submitted for assay method ME-MS61 with the PGE-ICP24 add-on to save on assaying cost.

Assay Results and Discussion

The assay results the 151 samples of drill core, analysed for a total of 67 elements, are presented in Appendix 2. Selected elements are presented in Table 9, element ratio plots in Figures 12-13, and downhole plots in Figures 14-16.

The low-grade mineralization of magmatic Cu-Ni sulphides in the lower part of the ultramafic body in QTBL0001 returned a best interval of 19.17m at 0.31% Cu, 0.16%Ni, 0.33g/t Pt and 0.39g/t Pd (or ~1.06% CuEq), from a depth of 37.3m. These sulphides have metal tenors of 4.5% Ni, 13.9% Cu and 32g/t PGEs, recalculated for 100% sulphides. The best interval from QTBL0002, in the upper part of the intrusive intercept, is 9.0m at 0.13%Cu, 0.13%Ni, 0.07g/t Pt and 0.06g/t Pd (or ~0.46% CuEq). These magmatic sulphides have the same base metal tenors as those in QTBL0001, recalculated at 4.3% Ni and 13.9% Cu, for 100% sulphides, but much lower PGE tenors of 13g/t PGE in 100% sulphides.

Whole rock chemistry shows clear compositional differences between the intrusive intercepts in the 3 drillholes (Figure 11). In QTBL0001, Mg-content varies between 25-29%, which is similar to that observed in QTBL0003. In QTBL0002 however, two population of ultramafic rocks occur. The upper intercept in QTBL0002 is very rich in magnesium with Mg content of 30-35%, while the smaller two

ultramafic intercepts within the meta-sediments and associated granitoids, have a Mg-content of 22-25%. These observations suggest that the upper intercept in QTBL0002 is part of the main ultramafic body intercepted in QTBL0001 and QTBL0003, although possibly from a different magmatic pulse, but that the lower intercepts are separate dikes or sills.

For base metals, the Ni/Cu ratio is quite constant in most of the holes, with a slope of 0.32 and an offset of 585ppm Ni, which likely corresponds to the amount of nickel hosted in silicates in the olivine peridotite. The Ni/S ratio has the same relationship, with a slope of 0.12 and an offset of 588ppm Ni.
In the top ultramafic intercept in QTBL0002, the Ni/Cu ratio have the same slope of 0.32, but an offset of 900ppm Ni, which suggests a higher amount of nickel hosted in silicates in this pulse of dunite.

For platinum group elements, the Pt/Pd ratio is constant at around 0.8. Locally, there is a roughly linear relationship between sulfur and PGEs, but that ratio is variable depending on the hole and unit. In the best mineralization in QTBL0001, the PGE/S ratio is relatively low, of approximately of 0.9 (i.e. 0.9ppm PGE per 1% S). The relationship between PGEs and base metals is also variable depending on the ultramafic sub-unit. The Pt/Ni ratio is relatively high in the best mineralized samples in QTBL0001, but is very low in all ultramafic rocks from the QTBL0002 and QTBL0003, as well as in the top half of the ultramafic intercept in QTBL0001.

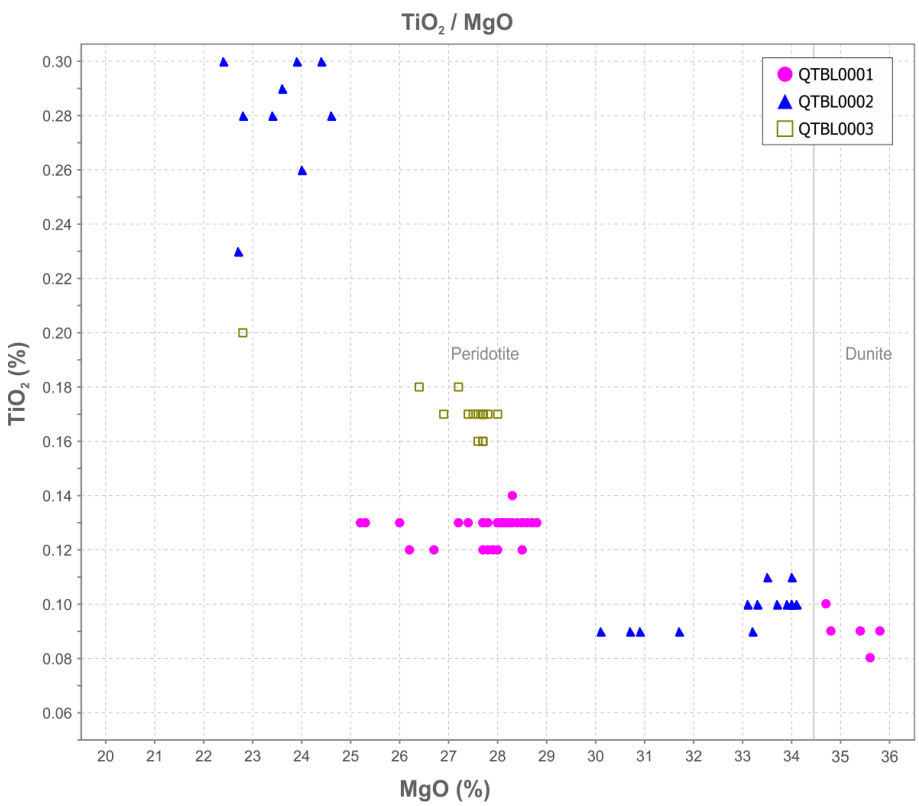

Figure 12: TiO_2/MgO element ratio plot for ultramafic intrusive rocks at Bark Lake.

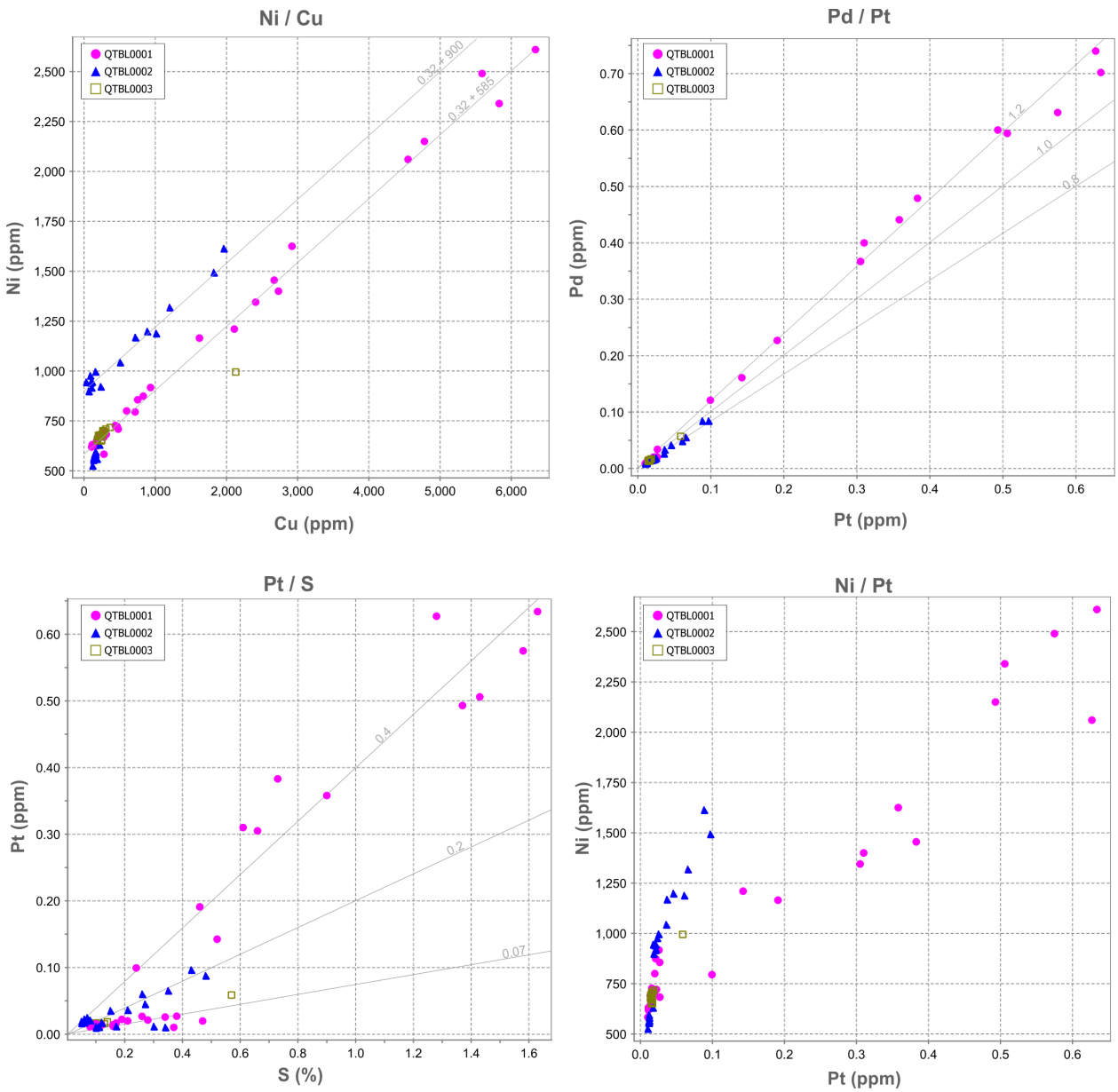

Figure 13: Ni/Cu, Pd/Pt, Pt/S and Ni/Pt element ratio plots for ultramafic intrusive rocks at Bark Lake.

Table 9: Assays for selected elements from Bark Lake drillholes

SAMPLENO	HOLEID	FROM	TO	Ag (ppm)	Au (ppm)	Co (ppm)	Cu (ppm)	Ni (ppm)	Pd (ppb)	Pt (ppb)	S (%)
40357041	QTBL0001	9.58	11	0.12	0.008	104.5	253	691	12	14	0.12
40357042	QTBL0001	11	12.5	0.11	0.005	102.5	175.5	649	12	14	0.12
40357043	QTBL0001	12.5	14	0.34	0.021	111	753	856	20	27	0.26
40357044	QTBL0001	14	15.5	0.21	0.015	98.9	466	721	17	22	0.19
40357045	QTBL0001	15.5	16.5	0.22	0.013	99.1	480	709	16	20	0.47
40357046	QTBL0001	16.5	17.5	0.45	0.024	109.5	933	917	21	26	0.34
40357047	QTBL0001	17.5	19	0.38	0.021	110.5	831	874	20	21	0.28
40357048	QTBL0001	19	20.5	0.28	0.018	106.5	598	800	18	20	0.21
40357049	QTBL0001	20.5	22	0.19	0.012	102.5	438	727	13	16	0.17
40357051	QTBL0001	22	23.5	0.14	0.009	108.5	279	694	13	16	0.1
40357052	QTBL0001	23.5	25	0.09	0.007	100.5	182.5	625	11	13	0.09
40357053	QTBL0001	25	26.5	0.14	0.01	102.5	279	669	13	14	0.16
40357054	QTBL0001	26.5	28	0.08	0.006	103	140.5	626	11	12	0.08
40357055	QTBL0001	28	29.47	0.06	0.005	104.5	114	631	10	11	0.08
40357056	QTBL0001	29.47	31	0.06	0.004	101.5	106.5	619	10	11	0.08
40357057	QTBL0001	31	32.5	0.07	0.002	102.5	177.5	628	10	12	0.16
40357058	QTBL0001	32.5	33.95	0.09	0.002	95.6	279	583	9	10	0.37
40357059	QTBL0001	33.95	34.41	0.14	0.001	12.3	160.5	68.2	3	3	0.01
40357061	QTBL0001	34.41	35.14	0.12	0.001	101.5	311	683	34	27	0.38
40357062	QTBL0001	35.14	36.5	0.07	0.005	105	203	668	14	17	0.17
40357063	QTBL0001	36.5	37.34	0.48	0.029	101.5	717	795	121	99	0.24
40357064	QTBL0001	37.34	38.5	2.91	0.164	147	4780	2150	600	493	1.37
40357065	QTBL0001	38.5	40	2.59	0.166	144	4550	2060	740	627	1.28
40357066	QTBL0001	40	41.5	2.01	0.122	131	2920	1625	441	358	0.9
40357067	QTBL0001	41.5	43	3.06	0.223	163.5	6340	2610	702	634	1.63
40357068	QTBL0001	43	44.25	2.8	0.216	160	5590	2490	631	575	1.58
40357069	QTBL0001	44.25	45	2.88	0.185	150.5	5830	2340	594	506	1.43
40357070	QTBL0001	45	45.43	0.1	0.003	4.4	101.5	36.9	10	9	0.01
40357072	QTBL0001	45.43	47	1.05	0.063	115.5	2110	1210	161	143	0.52
40357073	QTBL0001	47	48.5	1.28	0.067	120.5	2730	1400	400	310	0.61
40357074	QTBL0001	48.5	50	1.27	0.095	124	2670	1455	479	383	0.73
40357075	QTBL0001	50	51.5	1.14	0.092	117.5	2410	1345	367	305	0.66
40357076	QTBL0001	51.5	52.67	0.8	0.048	107	1620	1165	227	191	0.46
40357077	QTBL0001	52.67	54.00	0.58	0.034	142.5	1295	1320	145	117	0.29
40357078	QTBL0001	54.00	55.50	0.47	0.028	144.5	1050	1330	95	84	0.22
40357079	QTBL0001	55.50	57.00	0.73	0.032	149	1580	1510	132	122	0.36
40357081	QTBL0001	57.00	58.50	0.29	0.012	132	609	1100	48	47	0.18
40357082	QTBL0001	58.50	60.00	0.18	0.006	137.5	295	1100	32	34	0.07
40357083	QTBL0001	60.00	61.09	0.15	0.004	126	156.5	988	26	28	0.08
40356913	QTBL0001	61.09	62.67	0.06	0.0005	5.9	6.7	36.3	1	1	0.02
40356914	QTBL0001	62.67	63.93	0.3	0.0005	27.3	28.2	78.8	1	1	0.38
40356915	QTBL0001	63.93	65.12	0.09	0.001	21.4	48.4	68.2	1	1	0.13
40356916	QTBL0001	65.12	65.39	0.03	0.0005	3.1	7.4	11.6	1	0	0.03
40356917	QTBL0001	65.39	66.22	0.13	0.001	18.6	46.8	62.7	1	1	0.14
40356918	QTBL0001	66.22	66.56	0.13	0.0005	6.1	13.3	25.2	1	0	0.05
40356919	QTBL0001	66.56	68.60	0.1	0.0005	22.3	46	74.9	2	2	0.11
40356921	QTBL0001	68.60	69.53	0.17	0.0005	9.1	30.3	32.7	1	0	0.02
40356922	QTBL0001	69.53	72.00	0.07	0.0005	14.7	27	45.8	1	1	0.07
40356923	QTBL0001	72.00	74.00	0.17	0.0005	17.9	47.3	58.7	1	1	0.14
40356924	QTBL0001	74.00	76.00	0.12	0.0005	16.3	36.9	53.5	1	1	0.13
40356925	QTBL0001	76.00	77.47	0.1	0.0005	11.9	30.1	36.9	1	1	0.12

SAMPLENO	HOLEID	FROM	TO	Ag (ppm)	Au (ppm)	Co (ppm)	Cu (ppm)	Ni (ppm)	Pd (ppb)	Pt (ppb)	S (%)
40356926	QTBL0001	77.47	78.00	0.16	0.002	1.3	4.6	3.6	1	0	0.02
40357143	QTBL0002	14.10	15.50	0.55	0.025	144	1200	1320	56	66	0.35
40357144	QTBL0002	15.50	17.00	0.98	0.033	153	1960	1615	85	88	0.48
40357145	QTBL0002	17.00	18.50	0.3	0.013	136.5	717	1170	34	37	0.21
40357146	QTBL0002	18.50	20.00	0.46	0.023	132.5	1010	1190	49	61	0.26
40357147	QTBL0002	20.00	21.50	0.95	0.049	143.5	1820	1495	85	97	0.43
40357148	QTBL0002	21.50	23.00	0.43	0.023	136	885	1200	42	46	0.27
40357149	QTBL0002	23.00	24.50	0.26	0.013	130	504	1045	27	36	0.15
40357151	QTBL0002	24.50	26.00	0.13	0.006	120.5	233	923	19	21	0.08
40357152	QTBL0002	26.00	27.50	0.05	0.003	128	110.5	947	18	21	0.07
40357153	QTBL0002	27.50	29.00	0.05	0.003	131.5	85.6	978	17	23	0.06
40357154	QTBL0002	29.00	30.50	0.08	0.004	128.5	92.8	942	16	20	0.05
40357155	QTBL0002	30.50	31.79	0.21	0.006	93.5	213	632	16	17	0.05
40357156	QTBL0002	31.79	32.80	0.02	0.006	6.4	12	14	1	0	0.01
40357157	QTBL0002	32.80	34.44	0.12	0.002	47.2	86.3	101.5	2	2	0.01
40357158	QTBL0002	34.44	36.00	0.04	0.002	18.4	33.7	32.3	1	1	0.01
40357159	QTBL0002	36.00	38.01	0.03	0.002	2.5	20.1	6.5	1	0	0.01
40357161	QTBL0002	38.01	38.51	0.06	0.003	120.5	64.4	900	16	18	0.06
40357162	QTBL0002	38.51	39.19	0.005	0.002	15.9	3.1	85.9	1	1	0.005
40357163	QTBL0002	39.19	40.50	0.08	0.004	123	102.5	918	16	20	0.06
40357164	QTBL0002	40.50	42.00	0.1	0.004	133.5	158.5	998	19	25	0.07
40357165	QTBL0002	42.00	43.41	0.05	0.002	128	28.5	946	15	18	0.12
40357166	QTBL0002	43.41	44.23	1.58	0.002	27.2	7.8	142	2	3	0.01
40357167	QTBL0002	44.23	46.00	0.05	0.002	1.8	1.9	5.2	1	0	0.005
40357168	QTBL0002	46.00	47.50	0.02	0.001	1.3	1.1	3.5	1	0	0.005
40357169	QTBL0002	47.50	49.11	0.01	0.001	1.9	1.2	5.6	1	0	0.01
40357171	QTBL0002	49.11	50.50	0.11	0.008	94.3	178.5	561	10	11	0.34
40357172	QTBL0002	50.50	52.00	0.1	0.004	97.8	141	582	11	12	0.3
40357173	QTBL0002	52.00	53.50	0.06	0.003	96.1	130	567	10	12	0.17
40357174	QTBL0002	53.50	55.00	0.05	0.004	90.3	117	527	9	10	0.1
40357175	QTBL0002	55.00	56.00	0.05	0.004	93	129.5	556	10	11	0.11
40357176	QTBL0002	56.00	57.50	0.04	0.005	93.8	129.5	557	10	12	0.1
40357177	QTBL0002	57.50	58.50	0.05	0.005	98.2	159.5	583	10	12	0.1
40357178	QTBL0002	58.50	59.69	0.08	0.005	99.5	161	596	11	12	0.11
40357179	QTBL0002	59.69	60.93	0.04	0.005	1.6	2.6	6	1	0	0.03
40357181	QTBL0002	60.93	62.12	0.05	0.004	6.2	13.7	22.8	1	0	0.02
40357182	QTBL0002	62.12	63.70	0.05	0.002	0.8	2.3	2	1	0	0.01
40357183	QTBL0002	63.70	65.50	0.09	0.002	19.7	34.9	64.8	1	1	0.12
40357184	QTBL0002	65.50	67.00	0.06	0.001	9.8	22.5	29.2	1	1	0.07
40357185	QTBL0002	67.00	68.50	0.07	0.002	13.1	26.8	37.6	1	1	0.07
40357186	QTBL0002	68.50	70.00	0.08	0.001	15.5	39.4	47.1	1	1	0.1
40357187	QTBL0002	70.00	72.00	0.1	0.002	14	31.9	47.4	1	1	0.05
40357188	QTBL0002	72.00	74.00	0.09	0.002	19	43.3	65.2	1	1	0.07
40357189	QTBL0002	74.00	75.50	0.05	0.002	7.1	12.9	22.8	1	1	0.04
40357191	QTBL0002	75.50	77.02	0.09	0.0005	19.8	45.8	69.4	1	1	0.11
40357192	QTBL0002	77.02	79.00	0.06	0.0005	17.9	40.3	69.5	2	1	0.07
40357193	QTBL0002	123.63	125.22	0.06	0.0005	2.9	17.7	7	1	0	0.03
40357084	QTBL0003	9.61	11.00	1.18	0.066	91	2130	995	57	59	0.57
40357085	QTBL0003	11.00	12.50	0.21	0.012	99.9	367	717	17	19	0.14
40357086	QTBL0003	12.50	14.00	0.1	0.004	99.7	213	669	14	16	0.1
40357087	QTBL0003	14.00	15.50	0.11	0.005	101	223	674	13	14	0.1
40357088	QTBL0003	15.50	17.00	0.11	0.007	102.5	267	694	14	15	0.11

SAMPLENO	HOLEID	FROM	TO	Ag (ppm)	Au (ppm)	Co (ppm)	Cu (ppm)	Ni (ppm)	Pd (ppb)	Pt (ppb)	S (%)
40357089	QTBL0003	17.00	18.50	0.1	0.007	101.5	260	684	14	16	0.1
40357091	QTBL0003	18.50	20.00	0.18	0.012	101.5	306	709	15	17	0.1
40357092	QTBL0003	20.00	21.50	0.18	0.013	99	287	697	15	17	0.07
40357093	QTBL0003	21.50	23.00	0.1	0.007	100.5	223	680	13	14	0.09
40357094	QTBL0003	23.00	24.50	0.12	0.007	103	265	701	15	16	0.13
40357095	QTBL0003	24.50	26.00	0.12	0.005	101.5	201	677	13	14	0.1
40357096	QTBL0003	26.00	27.50	0.09	0.005	99.1	185.5	651	13	15	0.11
40357097	QTBL0003	27.50	29.00	0.09	0.006	99.9	191	658	13	17	0.11
40357098	QTBL0003	29.00	30.50	0.14	0.01	103	263	685	15	16	0.11
40357099	QTBL0003	30.50	31.50	0.1	0.008	98	248	655	14	16	0.09
40357101	QTBL0003	31.50	32.38	0.1	0.007	97.3	244	650	14	17	0.11
40357102	QTBL0003	32.38	33.50	0.05	0.001	5.7	8.6	34.7	1	1	0.005
40357103	QTBL0003	33.50	35.00	0.04	0.0005	1	2.2	2.6	1	0	0.02
40357104	QTBL0003	35.00	36.50	0.04	0.0005	0.9	1.4	2	1	0	0.005
40357105	QTBL0003	36.50	38.07	0.03	0.0005	1	2.4	2.5	1	0	0.01
40357106	QTBL0003	38.07	39.50	0.09	0.001	27	57.5	107	1	2	0.17
40357107	QTBL0003	39.50	41.00	0.09	0.001	28	56	105	2	2	0.16
40357108	QTBL0003	41.00	42.50	0.08	0.001	22.7	49	80.3	2	2	0.1
40357109	QTBL0003	42.50	44.00	0.11	0.001	20.2	47.4	71.5	1	2	0.16
40357111	QTBL0003	44.00	45.50	0.05	0.0005	14.3	29.7	45.7	1	1	0.1
40357112	QTBL0003	45.50	47.00	0.08	0.001	16.6	36.2	54.7	1	1	0.13
40357113	QTBL0003	47.00	48.50	0.11	0.0005	18.5	42.3	58.9	1	1	0.12
40357114	QTBL0003	48.50	50.00	0.08	0.0005	17.6	36.4	58.5	1	1	0.1
40357115	QTBL0003	50.00	51.50	0.08	0.0005	17.9	38	53.8	1	1	0.12
40357116	QTBL0003	51.50	53.00	0.11	0.002	21.5	50.5	75.1	2	2	0.12
40357117	QTBL0003	53.00	54.50	0.09	0.002	14.7	37.2	50.6	1	1	0.1
40357118	QTBL0003	54.50	56.00	0.09	0.002	18.7	45.1	66.9	1	1	0.11
40357119	QTBL0003	56.00	57.50	0.1	0.002	21.4	47.2	75.3	1	1	0.09
40357121	QTBL0003	57.50	58.50	0.1	0.002	20.7	44.4	76	1	1	0.14
40357122	QTBL0003	58.50	59.79	0.09	0.002	20.3	35.1	79.5	1	1	0.09
40357123	QTBL0003	59.79	61.00	0.06	0.002	1	4.6	5.1	1	0	0.01
40357124	QTBL0003	61.00	62.00	0.03	0.002	0.7	3.8	3.6	1	0	0.01
40357125	QTBL0003	62.00	62.89	0.05	0.002	0.9	2.8	4.4	1	0	0.01
40357126	QTBL0003	62.89	64.00	0.13	0.001	25.2	59.9	100.5	2	2	0.15
40357127	QTBL0003	64.00	65.50	0.13	0.001	23.5	59.2	88.6	2	2	0.13
40357128	QTBL0003	65.50	67.00	0.07	0.001	22.7	48.5	85.2	1	2	0.08
40357129	QTBL0003	67.00	68.50	0.13	0.001	23.5	62.7	103	2	3	0.12
40357131	QTBL0003	68.50	70.00	0.12	0.001	22.1	48.3	80.2	2	1	0.17
40357132	QTBL0003	70.00	71.50	0.09	0.002	21.7	48.1	71.8	2	2	0.19
40357133	QTBL0003	71.50	73.00	0.13	0.001	21	59.8	67.4	1	2	0.17
40357134	QTBL0003	77.50	78.13	0.12	0.001	23.3	67.7	81.4	3	2	0.22
40357135	QTBL0003	78.13	78.85	0.04	0.001	23.5	12.6	98.1	1	1	0.04
40357136	QTBL0003	78.85	79.80	0.04	0.001	1.7	7.2	6.2	1	0	0.02
40357137	QTBL0003	79.80	80.70	0.11	0.001	30.3	52.5	124	2	2	0.18
40357138	QTBL0003	80.70	81.77	0.17	0.001	20.4	63.1	80.5	1	1	0.13
40357139	QTBL0003	81.77	82.30	0.08	0.002	1.5	22.1	4.6	1	0	0.04
40357141	QTBL0003	82.30	83.50	0.1	0.002	27.5	79.1	127.5	2	2	0.09
40357142	QTBL0003	91.40	92.06	0.22	0.002	3	8.8	12.1	1	1	0.02

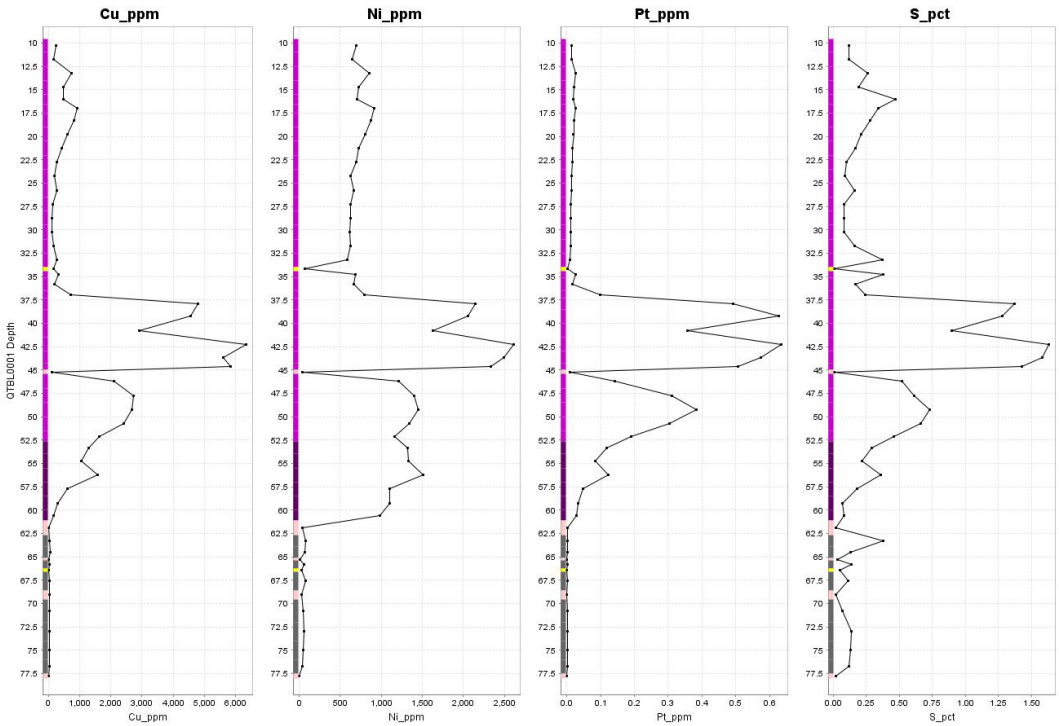

Figure 14: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0001. Purple unit is peridotite, dark purple unit is dunite, grey unit is meta-sediment, yellow unit is pegmatite, light pink unit is granitic rocks.

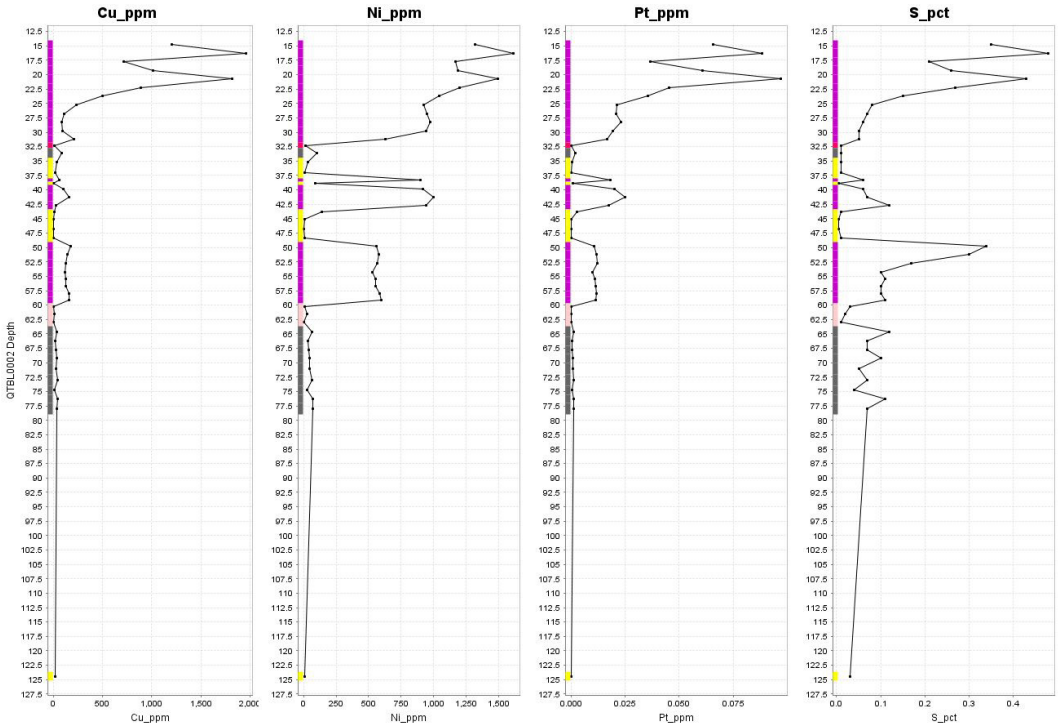

Figure 15: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0002. Purple unit is peridotite, grey unit is meta-sediment, yellow unit is pegmatite, light pink unit is granitic rocks.

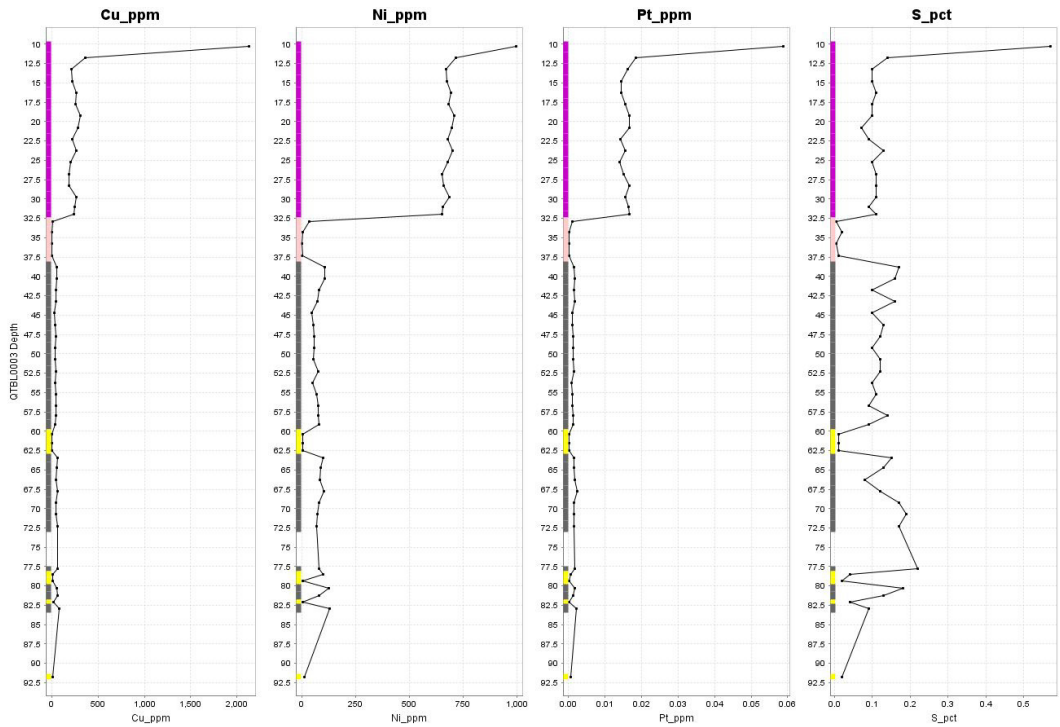

Figure 16: Downhole plot showing assays for Cu, Ni, Pt, S and calculated Cu equivalent in QTBL0003. Purple unit is peridotite, grey unit is meta-sediment, yellow unit is pegmatite, pink unit is granitic rocks.

Discussion and recommendation of further work

The 2018 drilling program at Bark Lake tested for mineralization at the bottom of a small intrusion associated with a discrete magnetic anomaly. Magmatic Cu-Ni mineralization was encountered, but grades are very low and volume quite limited.

The close relationship between the magnetic response and the occurrence of ultramafic rocks indicates that high-definition magnetics would reasonably map-out the intrusive body. The magmatic sulphides occurring in the ultramafic body are of good quality, with relatively high Cu-Ni tenors, and PGEs could add a significant upside to any valuation. There was no evidence encountered for the potential accumulation of massive sulphides in the system, and it is believed that the only mineralization present in the intrusion will be of the disseminated, interstitial type.

No further work is recommended on the small ultramafic intrusion at Bark Lake. The rest of the property remains prospective for other ultramafic bodies, although they would not be expected to be clearly highlighted by the magnetics.

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 Bark Lake Project*, 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 Bark Lake 2018 winter exploration program.

Signed,

Dated this 12th of November, 2018

Justin Laberge
Principal Geologist
Rio Tinto Exploration Canada Inc.

Appendix A: Core Logs

RioTinto

Diamond Drilling Core Log

Project	Bark Lake
Hole ID	**QTBL0001**
Depth	162
Azimuth	270
Dip	-85
Core Size	NQ3

Location	Boot Bay Area
Claim Number	276449
Easting	674266.6
Northing	5404035.3
Elevation	472
Coordinate System	NAD83 Zone 15N

Start Date	22-Feb-2018
Completion Date	24-Feb-2018
Core Location	Thunder Bay
Overburden	9.6
Casing Depth	13.5
Casing Left?	No

Drill Contractor	Downing
Hole Status	Cemented
Comments	Drilled on lake ice
Date Logged	14-Mar-2018
Logged by	L. McClenaghan

From	To	Interval	Lithology	Description	Mineralization
0.00	9.58	9.58	Overburden	Rounded re-drilled peridotite boulder fragments with 3% disseminated pyrrhotite.	N/A
9.58	33.95	24.37	Peridotite	Peridotite; poikilitic texture. Pyroxene oikocrysts occur up to 1cm in size with rounded olivine chadacrysts up to 3mm in size. 45% olivine; 50% pyroxene & 5% serpentine on fractures and white opaque mineral along veins and fractures (talc?). Distinct crystal alignment 50degrees TCA (primary igneous; or deformation)?	Trace amount of interstitial Po.
33.95	34.41	0.46	Pegmatite	Pegmatite. 60% feldspar; 20% quartz; 10% biotite+ chlorite.	None
34.41	45.00	10.59	Peridotite	Peridotite; poikilitic texture. Pyroxene oikocrysts occur up to 1cm in size with rounded olivine chadacrysts up to 3mm in size. 45% olivine; 50% pyroxene & local interstitial sulfides up to 5%.	3% Po; 0.1% Cpy; interstitial
45.00	45.43	0.43	Granodiorite	Granodiorite; 30% quartz; 65% feldspar; 5% mafics in the form of chlorite veins and biotite.	None
45.43	52.67	7.24	Peridotite	Peridotite; poikilitic texture. Pyroxene oikocrysts occur up to 1cm in size with rounded olivine chadacrysts up to 3mm in size. 45% olivine; 50% pyroxene & local interstitial sulfides up to 5%.	1% Po; trace Cpy; interstitial
52.67	61.09	8.42	Dunite	Dunite. 5% pyroxene. Pyroxene megacrysts >7cm with cross cutting serpentine veinlets occur at irregular upper contact. Local interstitial sulfides up to 5%. Calcite veining 30cm above lower contact.Lower contact 35 degrees TCA with calcite-talc-mica vein/alteration. Pervasive calcite alteration in dunite at lower contact very-fine grained biotites occur along contact as well.	0.5% Po; trace Cpy; interstitial
61.09	62.67	1.58	Granodiorite	Granodiorite; 65% feldspar; 30% quartz 5% biotite.	None
62.67	65.12	2.45	BiotiteSchist	Granular; grey biotite schist. feldspar-biotite-quartz; a metasedimentary rock. Rare pyrite along fractures/calcite veins.	None
65.12	65.39	0.27	Granodiorite	Granodiorite; 40% quartz; 55% feldspar; 5% biotite. Green sericite alteration?	None
65.39	68.60	3.21	BiotiteSchist	Granular; pale grey biotite schist. feldspar-biotite-quartz; a metasedimentary rock. Rare pyrite along fractures/calcite veins.	None
68.60	69.53	0.93	Granodiorite	Granodiorite.40% quartz; 55% feldspar; 5% biotite.	None
69.53	77.47	7.94	BiotiteSchist	Granular; grey biotite schist. feldspar-biotite-quartz; a metasedimentary rock. Local pegmatite dykes. Rare pyrite along fractures/calcite veins.	None
77.47	78.00	0.53	Granodiorite	Granodiorite.40% quartz; 55% feldspar; 5% biotite.	None
78.00	162.00	84.00	BiotiteSchist	Granular; grey biotite schist. feldspar-biotite-quartz; a metasedimentary rock with finely banded zones or more coarse leucosome banding and local pegmatites dykes. Rare pyrite along fractures/calcite veins.	None

RioTinto

Diamond Drilling Core Log

Project	Bark Lake
Hole ID	**QTBL0002**
Depth	144
Azimuth	270
Dip	-85
Core Size	NQ3

Location	**Boot Bay Area**
Claim Number	276449
Easting	674208.5
Northing	5404039.0
Elevation	472
Coordinate System	NAD83 Zone 15N

Start Date	24-Feb-2018
Completion Date	26-Feb-2018
Core Location	Thunder Bay
Overburden	14.1
Casing Depth	15
Casing Left?	No

Drill Contractor	Downing
Hole Status	Cemented
Comments	Drilled on lake ice
Date Logged	28-Mar-2018
Logged by	L. McClenaghan

From	To	Interval	Lithology	Description	Mineralization
0.00	14.10	14.10	Overburden	Granodiorite boulders.	N/A
14.10	31.79	17.69	Peridotite	Peridotite; 20% pyroxene interstial to 80% olivine; trace sulfides.Strong amphibole and biotite replacement occurs around small pegmatite dykes. Preferential orientation of the crystals at 35 degrees TCA (flow banding or deformation?).	0.1% Py; 0.1% Cpy
31.79	32.80	1.01	Diorite	Diorite. 5%mafics (biotite). 95% plagioclase. Intense biotite alteration along contacts. Amphibolitization of peridotite at contacts (non-magnetic).	None
32.80	34.44	1.64	BiotiteSchist	Biotite Schist. 40% biotite; 60% feldspar. 30% green amphibole locally.	None
34.44	38.01	3.57	Pegmatite	Pegmatite; 30% quartz; 5% biotite; 65% feldspar. Intense biotite alteration along contacts. Amphibolitization of peridotite at contacts (non-magnetic).	None
38.01	38.51	0.50	Peridotite	Peridotite. 25% pyroxene; 75% olivine. trace sulfide. serpentine veinlets. 5cm alteration zones at contact with peridotite (amphibolitized;calcite; non-magnetic).	None
38.51	39.19	0.68	Pegmatite	Pegmatite. 15% biotite; 5% chlorite; 10% quartz; 70% feldspar. Intense biotite alteration at contact.	None
39.19	43.41	4.22	Peridotite	Peridotite. 15% pyroxene; 85% olivine. 27 cm zone of alteration (calcite; amphibolitized; magnetite destruction) at base of unit in contact with the pegmatite. Calcite+magnetite veinlets cut unit.	None
43.41	49.11	5.70	Pegmatite	Pegmatite of dioritic composition; 90% feldspar; 5% quartz & <5% mafics. Grain size slightly smaller than other pegmatites uphole. Serpentine veins cut through unit. 70cm at top of unit is talc; serpentine and biotite; intense hydrothermal alteration of peridotite above.	None
49.11	59.69	10.58	Peridotite	Peridotite; pyroxene oikocrysts up to 1.5cm in size with rounded olivine chadacrysts. 40% pyroxene; 60% olivine. trace sulfides.	Trace amount of interstitial Po.
59.69	63.70	4.01	Granite	Iron stained granitoid. 30% quartz; 55% feldspar; 14% mafics (biotite); 1% pink fine-grained garnets.	None
63.70	123.63	59.93	BiotiteSchist	Biotite schist; metamorphosed sediments. 40% biotite; 60% feldspar. Local strong foliation. Unit cross cut by boudinaged migmatites; K-spar bearing pegmatites and granitoids. Rare pyrite on fractures and associated with pegmatites locally.	None
123.63	125.22	1.59	Pegmatite	Pegmatite with 5cm quartz veins. greenish pink tinge to feldspars. 5% mafics (chlorite); 65% feldspars (K-spar and plagioclase?); 30% quartz.	None
125.22	144.00	18.78	BiotiteSchist	Biotite schist. Metamorphosed sediments. 40% biotite; 60% feldspar. Local strong foliation. Unit cross cut by boudinaged migmatites. Rare pyrite on fractures.	None

RioTinto

Diamond Drilling Core Log

Project	Bark Lake
Hole ID	**QTBL0003**
Depth	102
Azimuth	330
Dip	-85
Core Size	NQ3

Location	Boot Bay Area
Claim Number	276449
Easting	674259.4
Northing	5404113.7
Elevation	472
Coordinate System	NAD83 Zone 15N

Start Date	26-Feb-2018
Completion Date	27-Feb-2018
Core Location	Thunder Bay
Overburden	9.6
Casing Depth	12
Casing Left?	No

Drill Contractor	Downing
Hole Status	Cemented
Comments	Drilled on lake ice
Date Logged	28-Mar-2018
Logged by	G. Galloway

From	To	Interval	Lithology	Description	Mineralization
0.00	9.61	9.61	Overburden		N/A
9.61	32.38	22.77	Peridotite	Medium grained poikilitic peridotite. 1-4mm anhedral olivine >40% Poikilitic pyroxene crystals up to 2 cm up to 30%. Unit is strongly magnetic due to fine grained magnetite.Fine grained black hornblende in the groundmass possibly due to alteration.	None
32.38	38.07	5.69	Granodiorite	1-2mm relatively equigranular granodiorite. 60% subhedral plagioclase. 20% anhedral quartz. 10% Kspar. 10% biotite. This unit is cut by several small ~10cm dykes of granite pegmatite. Area near pegmatite dykes have more quartz and kspar.Minor sericite alteration of some of the Kspar	None
38.07	59.70	21.63	MetaSediment	Fine to medium grained Bio-Qz-Plag metasediment. Biotite grains nearly up to 1mm in some areas. Moderate foliation visible in Bio grains. This unit is cut by numerous small ~10cm granite dykes and qz veins. Dykes and vein occur at various anglesfrom 40 to 70 tca and appear to pinch out and are irregular in some areas. Both veins and granite dykes have some minor chlorite and sericite alteration associated with them. Some garnets are present at 56.4m in the alteration halo of a qz vein. The dykes and veins appear to have a moderate foliation.	None
59.70	62.89	3.19	Pegmatite	Very coarse grained (0.5 to 3 cm) pegmatitic granite dyke. Euhedral to anhedral crystals. 40% Ksapr. 30% Qz. 20% Plag. 10% Bio.	None
62.89	78.13	15.24	MetaSediment	Fine to medium grained Bio-QZ-Plag metasediment. As above with fewer dykes. Qz veins are still common.	None
78.13	79.80	1.67	Pegmatite	Very coarse Pegmatite dyke with a 50cm block of the surrounding SED within. Similar to the above dyke but with a minor foliation.	None
79.80	81.77	1.97	MetaSediment	As Above.	None
81.77	82.30	0.53	Pegmatite	Pegmatite dyke same as previous dyke.	None
82.30	91.40	9.10	MetaSediment	Fine to medium grade Bio-Qz-plag metasediment.Weak to medium foliation visible locally. Similar to the above metasediments. Decreasing qz veins and related alteration.	None
91.40	92.06	0.66	Pegmatite	Very coarse weakly foliated pegmatitic granite dyke. Kspar 30%. Plag 30%. Qz 30%. Bio 10%.	None
92.06	102.00	9.94	MetaSediment	Fine to medium grade Bio-Qz-plag metasediment.Weak to medium foliation visible locally. Similar to the above metasediments. Decreasing qz veins and related alteration. 15cm pegmatite dyke at 97.5m	None

Appendix B: Exploration Costs

Table B1: Summary tables of exploration costs at Bark Lake

Cost Type	Service Provider	Subtotal
Diamond Drilling	Downing	$95,945
Assays	ALS	$15,590
Heavy Equipment Rental	Steve Ward	$4,826
Accommodation/Food	Sapawe Corner	$8,384
Paramedics	Safe-Tee	$9,843
Fuel (trucks)	-	$1,352
Contracted Labour	TPD	$5,677
Staff Cost	Rio Tinto	$14,840
	Total	**$156,457**

Notes:

All costs are as reported in Rio Tinto's costs tracking system (SAP), following internal financial guidance. The month a cost is reported is that when the invoice is paid to the provider, and not when the service is received.

Heavy equipment rental includes truck rental for mobilization from other project site, and sanding of access road.

Fuel costs only consider fuel for company trucks.

Staff costs are that reported by Rio Tinto in its cost tracking system (SAP) and include:

- 8.5 days J. Laberge, Project Manager
- 6 days L. McClenaghan, Project Geology
- 7 days R. Varrin, Project coordinator

Appendix C: Assay 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-MAY-2018
Account: KAV

CERTIFICATE TB18081396

Project: EB80004236

P.O. No.: 3103094877

This report is for 175 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-APR-2018.

The following have access to data associated with this certificate:

RTXAMRNA ASSAY RESULTS JUSTIN LABERGE	RACHELLE BOULANGER	SUE DRIEBERG

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

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

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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357041		2.74	79.1	88.9	43.9	2.53	11.45	8.16	28.3	0.33	0.14	0.35	0.14	0.18	0.02	<0.01
40357042		2.89		87.2	42.9	2.50	11.35	8.29	28.3	0.32	0.11	0.34	0.13	0.18	0.02	<0.01
40357043		2.38			42.5	2.38	11.35	7.83	27.8	0.29	0.12	0.34	0.13	0.17	0.01	<0.01
40357044		2.82			42.5	2.46	11.35	7.99	28.2	0.31	0.12	0.34	0.13	0.17	0.01	<0.01
40357045		2.15			42.6	2.39	11.15	7.59	28.1	0.30	0.16	0.32	0.13	0.17	0.02	<0.01
40357046		2.01			41.3	2.38	11.35	7.69	27.2	0.27	0.11	0.33	0.13	0.16	0.03	<0.01
40357047		2.86			42.1	2.43	11.40	8.25	28.2	0.30	0.11	0.33	0.13	0.17	0.02	<0.01
40357048		2.76			43.2	2.44	11.50	8.13	28.2	0.29	0.11	0.35	0.13	0.17	0.02	<0.01
40357049		3.05			42.9	2.45	11.55	8.54	28.8	0.29	0.11	0.34	0.13	0.17	0.01	<0.01
40357050		1.52			58.3	18.35	7.64	6.14	2.44	3.86	2.23	<0.01	0.95	0.11	0.28	0.06
40357051		2.92			42.3	2.46	11.35	8.37	28.4	0.26	0.11	0.33	0.13	0.17	0.01	<0.01
40357052		3.01			43.0	2.51	11.30	8.63	28.5	0.27	0.09	0.34	0.13	0.17	0.02	<0.01
40357053		3.07			42.5	2.46	11.30	8.65	28.7	0.26	0.09	0.34	0.13	0.17	0.01	<0.01
40357054		2.89			42.4	2.44	11.25	8.59	28.6	0.22	0.07	0.33	0.13	0.16	0.02	<0.01
40357055		2.62			42.8	2.41	10.85	8.33	27.7	0.21	0.08	0.34	0.13	0.17	0.02	<0.01
40357056		3.19			41.6	2.38	10.90	8.42	28.0	0.21	0.06	0.32	0.13	0.17	0.02	<0.01
40357057		3.34			44.1	2.47	10.80	8.18	27.4	0.27	0.16	0.34	0.13	0.16	0.03	<0.01
40357058		2.93			47.6	2.41	10.50	8.20	26.2	0.31	0.46	0.33	0.12	0.17	0.02	<0.01
40357059		0.80			67.0	12.45	2.93	5.08	5.40	4.02	1.90	0.04	0.07	0.11	<0.01	0.02
40357060		0.11			38.9	5.81	16.45	3.97	24.2	0.68	0.23	0.27	0.44	0.15	0.04	<0.01
40357061		1.47			48.1	2.57	10.45	7.92	25.3	0.22	0.93	0.32	0.13	0.18	0.03	<0.01
40357061 CRD		<0.02			48.2	2.58	10.55	7.99	25.4	0.22	0.93	0.33	0.13	0.18	0.02	<0.01
40357062		2.58			44.4	2.62	11.15	8.12	28.0	0.22	0.58	0.34	0.13	0.16	0.01	<0.01
40357063		1.62			45.7	3.47	10.45	8.32	25.2	0.55	0.38	0.32	0.13	0.18	0.02	<0.01
40357064		2.99			43.1	2.39	13.15	8.12	27.7	0.26	0.12	0.34	0.12	0.18	0.06	<0.01
40357065		2.97			42.3	2.27	13.35	8.17	28.0	0.22	0.08	0.34	0.12	0.15	0.01	<0.01
40357066		1.95			42.5	2.42	12.70	8.46	28.1	0.22	0.08	0.34	0.13	0.17	0.02	<0.01
40357067		3.01			41.6	2.17	13.95	8.58	27.9	0.20	0.07	0.34	0.12	0.16	0.02	<0.01
40357068		2.47			42.1	2.20	13.85	8.42	27.8	0.23	0.08	0.33	0.12	0.16	0.01	<0.01
40357069		1.37			41.7	2.24	12.95	7.66	26.7	0.21	0.15	0.32	0.12	0.16	0.01	<0.01
40357070		0.31			65.0	12.90	1.53	1.98	5.09	2.84	5.86	<0.01	0.07	0.15	0.14	0.01
40357071		0.34			65.7	12.95	1.46	1.99	4.53	2.94	5.71	<0.01	0.07	0.14	0.14	0.01
40357072		3.25			43.9	2.66	11.30	8.24	27.7	0.28	0.15	0.34	0.13	0.16	0.02	<0.01
40357073		2.92			43.6	2.47	11.55	8.06	28.0	0.25	0.08	0.37	0.13	0.20	0.04	<0.01
40357074		3.01			42.7	2.41	11.85	8.63	28.5	0.25	0.08	0.34	0.12	0.15	0.03	<0.01
40357075		3.03			44.1	2.55	11.05	9.11	26.0	0.29	0.12	0.37	0.13	0.15	0.03	<0.01
40357076		2.10			43.4	2.74	10.85	8.28	28.0	0.32	0.10	0.44	0.13	0.16	0.04	<0.01
40357077		2.52			37.9	2.30	13.70	1.60	34.8	0.12	0.09	0.50	0.09	0.13	0.04	<0.01
40357078		2.73			36.6	2.17	13.90	0.25	35.6	0.05	0.29	0.53	0.08	0.13	0.05	<0.01
40357079		2.69			37.2	2.21	14.15	0.53	35.8	0.07	0.15	0.52	0.09	0.14	0.03	<0.01

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01	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
40357041		<0.01	101.97	6.47	0.10	0.12	44.5	4.5	2540	1.50	0.69	0.40	0.20	2.9	0.77	0.3
40357042		<0.01	101.34	6.90	0.18	0.12	41.7	4.4	2690	1.54	0.74	0.41	0.25	3.2	0.71	0.3
40357043		<0.01	99.71	6.79	0.05	0.26	43.7	4.3	2850	0.54	0.73	0.48	0.24	3.2	0.75	0.3
40357044		<0.01	100.80	7.22	0.10	0.19	40.4	3.8	2550	1.57	0.72	0.40	0.23	2.9	0.73	0.2
40357045		<0.01	100.29	7.36	0.13	0.47	39.4	3.7	2360	5.31	0.60	0.31	0.20	3.1	0.72	0.2
40357046		<0.01	98.28	7.33	0.21	0.34	42.9	3.5	2370	3.40	0.63	0.38	0.22	2.9	0.59	0.2
40357047		<0.01	100.12	6.68	0.05	0.28	35.4	3.5	2400	0.39	0.67	0.31	0.23	2.9	0.65	0.2
40357048		<0.01	101.13	6.59	0.06	0.21	37.2	3.7	2470	0.26	0.67	0.33	0.20	2.9	0.73	0.3
40357049		<0.01	101.62	6.33	0.07	0.17	37.7	3.7	2360	0.27	0.59	0.35	0.19	2.7	0.66	0.2
40357050		0.09	100.69	0.24	0.05	0.12	794	66.9	30	1.22	6.48	3.72	1.68	21.1	7.73	7.9
40357051		<0.01	100.43	6.54	0.03	0.10	34.5	3.6	2350	0.31	0.61	0.35	0.19	2.6	0.70	0.2
40357052		<0.01	101.73	6.77	0.04	0.09	37.6	3.7	2450	1.21	0.65	0.38	0.20	2.9	0.75	0.2
40357053		<0.01	101.66	7.05	0.12	0.16	32.8	3.7	2380	0.44	0.55	0.38	0.19	2.6	0.73	0.2
40357054		<0.01	101.22	7.01	0.04	0.08	27.0	3.5	2340	0.75	0.58	0.36	0.21	2.7	0.79	0.2
40357055		<0.01	100.15	7.11	0.04	0.08	27.3	3.8	2470	0.75	0.65	0.32	0.23	2.8	0.69	0.3
40357056		<0.01	99.48	7.27	0.07	0.08	20.0	3.5	2340	0.42	0.65	0.33	0.17	2.7	0.75	0.2
40357057		<0.01	100.23	6.19	0.04	0.16	16.7	4.2	2390	8.99	0.69	0.34	0.19	3.1	0.65	0.2
40357058		<0.01	100.66	4.34	0.03	0.37	30.9	4.2	2250	39.5	0.54	0.35	0.18	3.7	0.78	0.2
40357059		0.03	100.85	1.80	0.02	0.01	269	18.1	250	10.60	0.99	0.50	0.26	16.2	1.45	0.6
40357060		0.01	99.73	8.58	0.14	2.46	102.0	10.4	1950	0.79	1.34	0.65	0.35	7.1	1.45	0.9
40357061		0.01	100.94	4.78	0.02	0.38	44.7	4.5	2250	44.6	0.75	0.51	0.20	4.3	0.78	0.2
40357061 CRD		0.01	101.32	4.78	0.02	0.38	48.4	4.8	2490	46.5	0.70	0.45	0.19	4.6	0.93	0.2
40357062		0.01	101.88	6.14	0.02	0.17	50.4	3.9	2440	34.6	0.58	0.33	0.22	3.3	0.72	0.2
40357063		<0.01	100.54	5.82	0.02	0.24	40.8	4.9	2300	3.81	0.86	0.50	0.21	4.3	0.87	0.3
40357064		<0.01	101.84	6.30	0.02	1.37	12.0	3.5	2350	0.81	0.68	0.34	0.18	3.3	0.65	0.2
40357065		<0.01	101.51	6.50	0.03	1.28	9.1	3.1	2280	0.23	0.51	0.33	0.17	2.5	0.68	0.2
40357066		<0.01	101.63	6.49	0.08	0.90	12.7	3.1	2280	0.21	0.58	0.33	0.16	2.6	0.65	0.2
40357067		<0.01	101.45	6.34	0.02	1.63	16.6	2.9	2360	0.13	0.54	0.30	0.11	2.5	0.70	0.2
40357068		<0.01	101.57	6.27	0.02	1.58	26.9	3.0	2340	0.80	0.66	0.33	0.17	2.6	0.60	0.2
40357069		<0.01	98.69	6.47	0.01	1.43	26.0	3.1	2290	1.82	0.64	0.35	0.20	2.6	0.65	0.3
40357070		0.06	98.38	2.75	0.02	0.01	534	37.4	30	3.06	2.28	0.86	0.27	13.9	2.87	2.4
40357071		0.06	98.14	2.44	0.02	0.01	535	33.9	10	3.08	1.99	1.01	0.32	13.7	3.12	2.6
40357072		<0.01	101.45	6.57	0.02	0.52	24.4	4.0	2270	0.70	0.61	0.41	0.17	3.0	0.81	0.2
40357073		<0.01	101.51	6.76	0.02	0.61	15.0	3.9	2640	0.40	0.77	0.49	0.19	3.5	0.79	0.2
40357074		<0.01	101.58	6.52	0.03	0.73	23.1	3.7	2400	0.18	0.66	0.40	0.18	3.0	0.64	0.2
40357075		0.01	99.47	5.56	0.03	0.66	61.1	4.3	2820	1.18	0.69	0.44	0.24	3.4	0.81	0.3
40357076		<0.01	100.97	6.51	0.03	0.46	35.8	4.7	3100	0.53	0.63	0.40	0.20	3.1	0.73	0.3
40357077		<0.01	101.08	9.81	0.02	0.29	19.3	4.7	3590	2.44	0.35	0.20	0.15	2.9	0.40	0.2
40357078		<0.01	100.70	11.05	0.02	0.22	43.1	4.2	3860	9.24	0.26	0.24	0.11	2.9	0.37	0.2
40357079		<0.01	101.89	11.00	0.02	0.36	38.1	4.0	3900	5.76	0.35	0.29	0.14	3.1	0.36	0.2

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	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
40357041		0.13	1.8	0.05	0.6	3.0	0.64	4.5	0.86	<1	56.0	0.1	0.11	0.30	0.06	0.16
40357042		0.15	1.8	0.05	0.5	2.9	0.64	3.7	0.72	1	63.6	<0.1	0.10	0.25	0.06	0.13
40357043		0.16	1.7	0.06	0.3	3.2	0.67	4.0	0.91	<1	54.9	<0.1	0.12	0.18	0.07	0.06
40357044		0.13	1.4	0.05	0.3	2.7	0.56	4.5	0.82	<1	52.1	<0.1	0.10	0.18	0.06	0.05
40357045		0.13	1.4	0.05	0.3	2.4	0.56	10.0	0.73	<1	49.4	<0.1	0.09	0.16	0.05	0.08
40357046		0.14	1.4	0.05	0.5	2.7	0.55	9.6	0.61	<1	80.4	0.1	0.11	0.15	0.05	0.05
40357047		0.12	1.3	0.04	0.3	2.5	0.51	3.3	0.60	1	46.1	<0.1	0.10	0.17	0.06	<0.05
40357048		0.13	1.5	0.05	0.2	2.6	0.54	3.5	0.63	<1	48.6	<0.1	0.11	0.16	0.05	<0.05
40357049		0.13	1.5	0.05	0.2	2.8	0.55	3.2	0.66	<1	47.8	<0.1	0.11	0.13	0.06	<0.05
40357050		1.33	28.4	0.48	12.9	38.4	8.90	91.7	8.37	2	548	0.7	1.11	3.94	0.53	1.52
40357051		0.13	1.4	0.05	0.3	2.5	0.55	3.1	0.68	<1	43.1	<0.1	0.10	0.16	0.05	0.06
40357052		0.14	1.5	0.06	0.3	2.9	0.55	3.2	0.79	<1	42.3	<0.1	0.11	0.16	0.07	0.05
40357053		0.12	1.4	0.05	0.3	2.6	0.55	2.7	0.70	2	50.9	<0.1	0.10	0.15	0.07	<0.05
40357054		0.14	1.3	0.06	0.2	2.5	0.52	2.3	0.76	<1	35.4	<0.1	0.11	0.16	0.05	<0.05
40357055		0.13	1.5	0.04	0.3	2.7	0.54	2.2	0.68	<1	38.1	<0.1	0.11	0.19	0.06	0.05
40357056		0.12	1.4	0.05	0.2	2.4	0.56	1.4	0.73	<1	36.1	<0.1	0.10	0.14	0.06	<0.05
40357057		0.12	1.6	0.05	0.8	3.0	0.62	14.5	0.59	3	48.5	0.1	0.11	0.19	0.06	0.05
40357058		0.13	1.8	0.05	1.8	2.9	0.60	62.2	0.68	4	72.5	0.1	0.11	0.18	0.06	0.10
40357059		0.19	8.7	0.07	6.1	7.6	2.06	66.8	1.63	3	198.5	1.1	0.17	6.24	0.08	2.73
40357060		0.25	4.9	0.09	2.1	6.2	1.30	6.1	1.51	2	108.0	0.1	0.21	0.94	0.10	0.18
40357061		0.14	1.8	0.06	2.0	3.2	0.64	83.2	0.89	3	33.6	0.2	0.11	0.23	0.06	0.18
40357061 CRD		0.15	1.9	0.06	2.1	3.7	0.78	88.2	0.79	4	36.7	0.2	0.13	0.21	0.06	0.15
40357062		0.13	1.7	0.06	1.3	2.8	0.55	61.2	0.85	2	41.7	0.1	0.11	0.20	0.07	0.09
40357063		0.18	2.0	0.06	0.9	3.1	0.69	20.1	0.87	1	47.3	0.1	0.14	0.61	0.07	0.79
40357064		0.13	1.3	0.03	1.0	2.6	0.51	4.1	0.76	1	38.4	0.3	0.11	0.15	0.05	0.08
40357065		0.11	1.2	0.05	0.3	2.2	0.47	1.3	0.57	1	34.5	<0.1	0.10	0.11	0.05	0.05
40357066		0.12	1.2	0.05	0.2	2.4	0.45	1.7	0.65	1	33.1	<0.1	0.09	0.15	0.05	<0.05
40357067		0.10	1.1	0.04	0.2	2.2	0.44	1.7	0.62	<1	33.8	<0.1	0.08	0.11	0.05	<0.05
40357068		0.12	1.2	0.05	0.2	2.3	0.45	4.0	0.78	<1	38.1	<0.1	0.09	0.12	0.05	<0.05
40357069		0.13	1.2	0.04	0.3	2.3	0.49	9.4	0.55	<1	33.4	<0.1	0.10	0.13	0.07	0.06
40357070		0.34	17.8	0.10	10.1	15.8	4.26	138.0	3.53	2	129.0	0.7	0.43	10.20	0.12	4.66
40357071		0.37	16.5	0.08	7.5	14.4	4.01	134.5	3.33	3	131.5	0.8	0.45	10.00	0.10	5.78
40357072		0.15	1.6	0.04	0.7	2.9	0.61	4.7	0.75	<1	39.2	<0.1	0.09	0.31	0.05	0.19
40357073		0.15	1.7	0.05	0.8	3.0	0.57	1.4	0.80	1	46.2	0.1	0.10	0.25	0.05	0.05
40357074		0.13	1.6	0.04	0.4	2.4	0.54	1.3	0.68	1	44.4	<0.1	0.09	0.19	0.06	0.05
40357075		0.15	2.0	0.05	0.5	3.1	0.54	5.7	0.73	<1	60.1	0.1	0.11	0.31	0.06	0.07
40357076		0.14	2.2	0.06	0.4	3.0	0.67	1.9	0.59	<1	58.6	<0.1	0.10	0.28	0.05	0.06
40357077		0.07	2.3	0.03	0.4	2.5	0.52	3.8	0.53	1	25.8	<0.1	0.06	0.34	0.04	0.10
40357078		0.06	1.9	0.03	0.3	2.1	0.49	16.3	0.40	<1	9.8	<0.1	0.06	0.29	0.03	0.06
40357079		0.08	1.9	0.02	0.7	2.2	0.54	8.6	0.56	<1	14.5	<0.1	0.07	0.19	0.04	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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	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
40357041		101	1	3.5	0.39	9	0.3	0.09	<0.005	0.005	<0.001	0.05	0.4	0.06	0.02	0.12
40357042		104	1	3.7	0.28	8	0.2	0.33	<0.005	0.006	<0.001	<0.05	0.4	0.03	0.02	0.11
40357043		98	1	4.0	0.39	8	0.3	0.17	<0.005	0.005	<0.001	<0.05	1.4	0.21	0.02	0.34
40357044		102	1	3.4	0.31	7	0.4	0.47	<0.005	0.007	<0.001	<0.05	0.7	0.12	0.04	0.21
40357045		94	1	3.3	0.33	7	0.2	0.30	<0.005	0.005	<0.001	<0.05	0.7	0.12	0.09	0.22
40357046		90	1	3.2	0.23	7	0.2	0.21	<0.005	0.008	<0.001	<0.05	1.7	0.27	0.07	0.45
40357047		95	1	3.4	0.34	7	0.2	0.21	<0.005	0.005	0.001	<0.05	1.5	0.21	0.03	0.38
40357048		102	1	3.4	0.34	7	0.1	0.12	<0.005	0.006	0.001	<0.05	1.1	0.15	0.02	0.28
40357049		101	1	3.3	0.28	7	0.1	0.08	<0.005	0.005	<0.001	<0.05	0.8	0.12	0.02	0.19
40357050		117	1	35.4	3.42	307	0.4	0.01	<0.005	0.032	0.001	<0.05	0.3	0.02	0.36	0.04
40357051		98	1	3.3	0.27	7	1.1	0.14	<0.005	0.013	<0.001	0.08	0.6	0.14	0.02	0.14
40357052		100	1	3.4	0.29	7	0.6	0.28	<0.005	0.006	<0.001	<0.05	0.3	0.05	0.02	0.09
40357053		100	1	3.3	0.27	7	0.4	0.14	<0.005	0.007	<0.001	<0.05	0.5	0.09	0.03	0.14
40357054		96	1	3.2	0.33	7	0.3	0.20	<0.005	0.009	<0.001	<0.05	<0.2	0.03	0.02	0.08
40357055		99	2	3.6	0.30	8	0.5	0.20	<0.005	0.007	<0.001	<0.05	0.3	0.03	0.02	0.06
40357056		92	1	3.3	0.34	7	0.4	0.21	<0.005	0.008	<0.001	<0.05	0.3	0.02	0.03	0.06
40357057		99	1	3.4	0.33	7	0.4	0.36	<0.005	0.005	<0.001	<0.05	0.3	0.03	0.16	0.07
40357058		92	1	3.2	0.27	9	0.1	0.53	<0.005	<0.005	<0.001	<0.05	0.6	0.05	0.61	0.09
40357059		12	<1	5.6	0.43	13	<0.1	0.22	<0.005	0.017	<0.001	<0.05	0.2	0.01	0.27	0.14
40357060		122	1	6.9	0.53	33	9.4	1.00	0.010	0.066	0.016	0.24	10.7	2.31	0.09	2.51
40357061		95	1	4.0	0.34	7	0.1	1.10	<0.005	0.009	<0.001	<0.05	0.8	0.10	0.70	0.12
40357061 CRD		96	1	4.3	0.44	7	0.1	1.37	<0.005	0.011	<0.001	<0.05	1.2	0.09	0.71	0.11
40357062		99	1	3.6	0.33	7	0.1	0.37	<0.005	0.007	<0.001	<0.05	0.6	0.05	0.48	0.07
40357063		96	1	4.3	0.36	10	0.3	1.36	<0.005	0.008	<0.001	<0.05	1.2	0.22	0.29	0.48
40357064		98	2	3.2	0.32	6	0.1	8.07	<0.005	0.018	0.001	<0.05	6.1	1.30	1.08	2.91
40357065		101	2	2.9	0.23	6	0.3	7.83	<0.005	0.019	0.002	<0.05	6.2	1.31	0.69	2.59
40357066		99	2	3.0	0.30	6	0.3	5.09	<0.005	0.015	0.001	<0.05	4.8	0.96	0.41	2.01
40357067		93	2	3.0	0.31	6	0.4	8.89	<0.005	0.020	0.002	<0.05	9.8	1.72	0.15	3.06
40357068		94	2	3.1	0.26	6	0.3	6.81	<0.005	0.022	0.002	<0.05	9.5	1.69	0.78	2.80
40357069		90	1	3.1	0.32	6	0.3	4.72	0.009	0.022	0.002	<0.05	8.3	1.51	1.82	2.88
40357070		<5	1	8.9	0.73	72	0.3	0.33	<0.005	0.008	<0.001	<0.05	0.3	0.03	0.07	0.10
40357071		<5	1	9.2	0.56	71	0.2	0.26	<0.005	0.010	<0.001	<0.05	0.2	<0.01	0.05	0.14
40357072		96	3	3.2	0.31	8	0.3	2.24	<0.005	0.018	0.001	<0.05	3.3	0.51	0.35	1.05
40357073		104	6	3.5	0.36	8	0.2	2.53	0.007	0.010	0.001	<0.05	3.2	0.61	0.62	1.28
40357074		95	12	3.1	0.32	8	0.2	3.36	<0.005	0.013	0.002	<0.05	4.4	0.80	0.29	1.27
40357075		108	4	3.5	0.31	9	0.4	2.54	0.005	0.012	0.002	<0.05	4.2	0.62	0.39	1.14
40357076		105	1	3.2	0.33	10	0.2	1.63	0.007	0.008	0.001	<0.05	2.8	0.38	0.43	0.80
40357077		66	1	1.9	0.20	9	0.1	2.18	0.007	0.010	<0.001	<0.05	1.8	0.27	0.45	0.58
40357078		55	1	1.7	0.16	9	0.1	2.43	0.007	0.010	<0.001	<0.05	1.5	0.22	0.68	0.47
40357079		61	1	2.0	0.23	7	0.2	2.37	0.011	0.012	0.001	<0.05	2.1	0.33	0.60	0.73

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2	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
40357041		0.06	104.5	253	16.9	0.25	691	1.1	31.3	59	0.008	0.0135	0.012
40357042		0.08	102.5	175.5	13.8	0.25	649	1.0	30.3	58	0.005	0.0142	0.012
40357043		0.09	111.0	753	9.9	0.22	856	2.3	30.3	58	0.021	0.0267	0.020
40357044		0.08	98.9	466	11.0	0.21	721	1.0	29.7	55	0.015	0.0222	0.017
40357045		0.11	99.1	480	11.2	0.20	709	1.3	28.7	59	0.013	0.0197	0.016
40357046		0.10	109.5	933	9.8	0.18	917	1.8	29.0	58	0.024	0.0257	0.021
40357047		0.09	110.5	831	11.5	0.14	874	1.4	30.1	57	0.021	0.0212	0.020
40357048		0.07	106.5	598	8.4	0.18	800	1.6	29.7	57	0.018	0.0199	0.018
40357049		0.06	102.5	438	8.1	0.12	727	1.3	28.6	56	0.012	0.0157	0.013
40357050		0.06	15.9	20.4	19.9	1.06	12.2	11.3	15.5	90	0.002	<0.0005	<0.001
40357051		0.07	108.5	279	10.5	1.12	694	2.9	31.3	57	0.009	0.0155	0.013
40357052		0.05	100.5	182.5	11.0	0.25	625	1.3	29.8	51	0.007	0.0129	0.011
40357053		0.07	102.5	279	10.4	0.17	669	1.0	29.7	57	0.010	0.0141	0.013
40357054		0.04	103.0	140.5	10.8	0.15	626	0.8	30.2	54	0.006	0.0119	0.011
40357055		0.05	104.5	114.0	9.7	0.14	631	0.8	30.5	56	0.005	0.0110	0.010
40357056		0.06	101.5	106.5	10.0	0.11	619	0.7	29.4	55	0.004	0.0111	0.010
40357057		0.14	102.5	177.5	8.2	0.22	628	0.9	29.8	58	0.002	0.0117	0.010
40357058		0.34	95.6	279	11.2	0.30	583	0.9	27.8	61	0.002	0.0102	0.009
40357059		0.18	12.3	160.5	43.2	0.93	68.2	20.1	5.2	52	0.001	0.0029	0.003
40357060		0.61	204	5100	17.0	2.94	7240	17.2	15.9	74	0.134	0.391	0.238
40357061		0.31	101.5	311	13.3	0.27	683	1.3	30.5	81	0.001	0.0269	0.034
40357061 CRD		0.35	100.5	308	12.7	0.29	681	1.2	29.9	80	0.001	0.0275	0.035
40357062		0.14	105.0	203	7.0	0.20	668	1.0	31.8	62	0.005	0.0167	0.014
40357063		0.15	101.5	717	15.3	0.33	795	2.7	28.1	58	0.029	0.0993	0.121
40357064		0.51	147.0	4780	3.8	0.86	2150	1.2	29.6	63	0.164	0.493	0.600
40357065		0.57	144.0	4550	3.7	0.79	2060	1.0	28.7	60	0.166	0.627	0.740
40357066		0.35	131.0	2920	4.3	0.57	1625	1.0	28.9	59	0.122	0.358	0.441
40357067		0.54	163.5	6340	3.9	0.84	2610	1.4	29.0	59	0.223	0.634	0.702
40357068		0.48	160.0	5590	4.0	0.65	2490	1.6	28.7	58	0.216	0.575	0.631
40357069		0.38	150.5	5830	6.3	0.61	2340	2.7	29.1	55	0.185	0.506	0.594
40357070		0.03	4.4	101.5	16.3	0.58	36.9	25.5	3.0	16	0.003	0.0088	0.010
40357071		<0.02	2.7	97.0	18.2	0.72	10.4	26.0	2.9	18	0.001	0.0014	0.003
40357072		0.26	115.5	2110	6.3	0.40	1210	2.4	30.9	56	0.063	0.1425	0.161
40357073		0.29	120.5	2730	4.3	0.45	1400	1.2	31.4	61	0.067	0.310	0.400
40357074		0.26	124.0	2670	4.2	0.46	1455	1.5	29.3	54	0.095	0.383	0.479
40357075		0.20	117.5	2410	5.2	0.39	1345	1.9	34.4	53	0.092	0.305	0.367
40357076		0.16	107.0	1620	6.0	0.31	1165	1.7	30.8	50	0.048	0.1910	0.227
40357077		0.09	142.5	1295	3.7	0.24	1320	1.3	11.2	67	0.034	0.1170	0.145
40357078		0.09	144.5	1050	3.8	0.14	1330	1.4	8.0	63	0.028	0.0835	0.095
40357079		0.10	149.0	1580	4.3	0.27	1510	1.7	9.6	70	0.032	0.1220	0.132

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357080		1.16			56.8	18.40	7.21	6.13	2.74	3.82	2.40	0.01	0.85	0.11	0.28	0.05
40357081		2.55			37.3	2.22	13.40	1.28	34.7	0.08	0.12	0.52	0.10	0.14	0.02	<0.01
40357081 CRD		<0.02			38.0	2.27	13.50	1.41	34.9	0.08	0.13	0.53	0.10	0.14	0.03	<0.01
40357082		2.83			37.1	2.25	13.40	0.64	35.4	0.06	0.41	0.52	0.09	0.15	0.03	<0.01
40357083		2.01			33.7	2.00	11.95	5.65	31.6	0.03	0.38	0.48	0.08	0.15	0.03	<0.01
40357084		2.84			45.9	3.89	9.93	12.20	22.8	0.49	0.21	0.40	0.20	0.18	0.03	<0.01
40357085		3.39			42.9	3.38	11.55	8.20	27.6	0.41	0.18	0.38	0.16	0.17	0.03	<0.01
40357086		3.68			43.7	3.39	11.65	8.03	27.7	0.38	0.19	0.37	0.16	0.17	0.03	<0.01
40357087		3.13		86.6	42.5	3.30	11.70	8.16	27.7	0.41	0.18	0.37	0.16	0.17	0.03	<0.01
40357088		3.10	76.9	87.6	42.9	3.34	11.75	8.24	28.0	0.40	0.19	0.37	0.17	0.17	0.03	<0.01
40357089		3.06			42.6	3.35	11.65	8.32	27.8	0.40	0.18	0.37	0.17	0.18	0.03	<0.01
40357090		0.11			38.8	5.76	16.30	3.79	23.4	0.67	0.23	0.27	0.44	0.15	0.03	0.01
40357091		3.62			43.0	3.37	11.60	8.27	27.7	0.36	0.18	0.36	0.17	0.17	0.04	<0.01
40357092		3.12			42.3	3.31	11.20	8.13	26.9	0.33	0.17	0.36	0.17	0.17	0.03	<0.01
40357093		3.16			43.1	3.40	11.65	8.39	27.7	0.39	0.18	0.37	0.17	0.17	0.03	<0.01
40357094		3.46			43.5	3.37	11.65	8.13	27.7	0.37	0.17	0.36	0.17	0.17	0.03	<0.01
40357095		3.38			43.4	3.36	11.45	8.19	27.7	0.35	0.17	0.36	0.17	0.18	0.04	<0.01
40357096		3.16			43.9	3.42	11.35	7.99	27.6	0.39	0.18	0.36	0.17	0.17	0.03	<0.01
40357097		3.17			43.8	3.62	11.55	8.54	27.5	0.43	0.23	0.36	0.17	0.17	0.02	<0.01
40357098		3.06			42.9	3.44	11.60	8.41	27.4	0.41	0.19	0.36	0.17	0.17	0.04	<0.01
40357099		1.08			42.9	3.46	11.40	7.95	27.2	0.38	0.18	0.36	0.18	0.16	0.04	<0.01
40357100		1.14			43.2	3.48	11.50	7.92	27.4	0.39	0.19	0.36	0.18	0.16	0.03	<0.01
40357100 CRD		<0.02			43.3	3.49	11.55	7.95	27.5	0.38	0.18	0.37	0.18	0.16	0.03	<0.01
40357101		1.36			43.6	3.42	11.25	7.74	26.4	0.35	0.17	0.36	0.18	0.17	0.03	<0.01
40357102		2.13			73.8	13.15	1.78	0.93	1.49	3.27	5.65	0.02	0.06	0.04	0.09	<0.01
40357103		2.72			73.8	14.10	1.15	0.51	0.24	3.46	6.16	<0.01	0.04	0.02	0.05	0.01
40357104		3.07			75.0	14.10	0.97	0.88	0.20	3.52	5.53	<0.01	0.03	0.01	0.03	0.01
40357105		2.41			76.1	13.50	1.11	0.98	0.25	3.57	4.81	<0.01	0.04	0.02	0.04	0.01
40357106		2.92			61.5	15.00	7.65	4.37	4.69	3.17	2.52	0.04	0.57	0.12	0.17	0.05
40357107		3.10			60.0	15.30	7.89	3.57	4.37	3.27	2.85	0.03	0.61	0.12	0.16	0.04
40357108		3.18			61.3	15.65	6.50	4.25	4.08	3.23	2.71	0.03	0.48	0.11	0.19	0.04
40357109		2.72			65.1	15.50	6.22	2.33	3.09	3.40	3.35	0.03	0.50	0.08	0.15	0.03
40357110		1.56			56.5	18.10	7.33	6.32	2.48	3.80	2.37	<0.01	0.96	0.12	0.32	0.06
40357111		2.77			67.4	15.20	5.19	1.76	2.16	3.59	3.61	0.02	0.41	0.07	0.11	0.02
40357112		1.96			65.6	15.05	5.24	1.68	2.30	3.46	3.44	0.02	0.42	0.06	0.12	0.02
40357113		2.61			64.9	14.95	5.86	2.14	2.52	3.48	3.25	0.02	0.49	0.08	0.12	0.03
40357114		2.98			64.8	15.00	5.41	2.48	2.54	3.69	3.06	0.02	0.45	0.07	0.14	0.04
40357115		2.98			64.9	14.45	5.79	2.72	2.78	3.54	2.51	0.02	0.49	0.08	0.14	0.05
40357116		3.14			62.2	15.70	6.59	3.14	3.45	3.53	2.85	0.03	0.56	0.08	0.17	0.04
40357117		2.84			65.9	14.80	4.94	2.35	2.52	3.34	3.35	0.02	0.41	0.06	0.15	0.03

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01	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
40357080		0.10	99.28	0.38	0.04	0.09	887	62.2	40	1.09	6.65	3.75	1.64	21.5	7.20	6.7
40357081		<0.01	100.58	10.70	0.03	0.18	33.9	3.7	3910	4.28	0.43	0.29	0.14	3.1	0.49	0.2
40357081 CRD		<0.01	101.64	10.55	0.02	0.18	37.9	3.8	3950	4.52	0.42	0.22	0.15	2.9	0.52	0.3
40357082		0.01	101.36	11.30	0.10	0.07	54.5	3.5	3640	13.85	0.32	0.22	0.12	3.0	0.42	0.2
40357083		<0.01	100.35	14.30	1.27	0.08	39.0	3.0	3400	12.90	0.35	0.22	0.14	2.8	0.31	0.2
40357084		0.01	100.31	4.07	0.05	0.57	74.4	6.4	3040	1.42	0.96	0.61	0.31	4.7	1.35	0.4
40357085		0.01	101.00	6.03	0.06	0.14	61.7	5.4	2700	0.96	0.85	0.43	0.26	3.9	0.86	0.4
40357086		<0.01	101.66	5.89	0.08	0.10	41.0	5.2	2710	1.99	0.82	0.52	0.26	4.4	0.84	0.3
40357087		0.01	100.67	5.98	0.05	0.10	60.5	4.9	2630	0.24	0.80	0.46	0.30	3.8	0.79	0.3
40357088		0.01	101.75	6.18	0.04	0.11	61.1	4.8	2680	0.17	0.80	0.54	0.24	3.9	0.87	0.3
40357089		0.01	101.11	6.05	0.04	0.10	62.5	4.9	2640	0.21	0.76	0.53	0.26	3.7	0.82	0.3
40357090		0.01	98.71	8.85	0.12	2.41	96.8	9.3	1880	0.68	1.20	0.72	0.37	7.0	1.21	0.8
40357091		0.01	101.50	6.27	0.05	0.10	52.2	5.3	2760	0.33	0.81	0.51	0.24	4.0	0.93	0.4
40357092		<0.01	99.19	6.12	0.08	0.07	29.3	4.9	2530	0.41	0.77	0.49	0.25	3.8	0.81	0.3
40357093		0.01	101.44	5.88	0.05	0.09	58.4	5.3	2840	0.21	0.76	0.53	0.25	4.1	1.01	0.3
40357094		<0.01	101.65	6.03	0.07	0.13	47.2	5.4	2780	0.39	0.97	0.52	0.26	4.3	0.85	0.3
40357095		<0.01	101.36	5.99	0.08	0.10	25.9	5.4	2670	0.67	0.84	0.58	0.27	3.8	0.83	0.3
40357096		<0.01	101.71	6.15	0.10	0.11	37.5	5.6	2680	0.80	0.81	0.51	0.26	4.1	0.87	0.3
40357097		0.01	101.61	5.21	0.05	0.11	66.8	5.9	2810	1.67	0.89	0.53	0.30	4.4	0.96	0.4
40357098		0.01	100.64	5.54	0.04	0.11	61.4	5.5	2760	0.45	0.92	0.46	0.30	4.2	1.00	0.3
40357099		0.01	100.82	6.60	0.03	0.09	59.3	5.3	2660	0.94	0.80	0.53	0.28	4.0	0.99	0.3
40357100		0.01	101.49	6.67	0.03	0.11	62.4	5.4	2590	0.88	0.77	0.55	0.26	4.0	0.99	0.4
40357100 CRD		0.01	101.75	6.65	0.03	0.11	58.6	5.4	2710	0.84	0.77	0.51	0.30	3.9	0.86	0.3
40357101		0.01	100.27	6.59	0.05	0.11	65.3	5.6	2820	0.85	0.90	0.54	0.27	4.2	1.03	0.4
40357102		0.04	100.84	0.52	0.01	<0.01	367	26.2	140	9.24	2.21	1.19	0.25	17.5	2.28	2.2
40357103		0.05	99.89	0.30	0.01	0.02	433	30.4	20	8.04	1.91	1.00	0.44	16.3	2.41	2.7
40357104		0.05	100.58	0.25	<0.01	<0.01	441	50.8	20	3.63	1.40	0.60	0.45	16.7	2.77	3.2
40357105		0.04	100.72	0.25	0.01	0.01	339	38.5	30	2.28	1.24	0.47	0.45	16.5	2.25	2.7
40357106		0.06	100.65	0.74	<0.01	0.17	537	47.6	280	6.56	2.66	1.34	0.98	19.5	3.36	3.0
40357107		0.08	98.92	0.63	<0.01	0.16	658	52.4	240	6.21	2.60	1.48	1.09	19.9	3.34	3.1
40357108		0.06	99.40	0.77	0.03	0.10	539	47.1	210	5.60	2.62	1.22	0.97	19.7	2.88	3.0
40357109		0.08	100.80	0.94	<0.01	0.16	619	46.5	170	5.86	2.17	1.09	0.83	19.7	2.76	3.2
40357110		0.10	98.90	0.44	0.05	0.10	862	63.1	30	1.17	6.43	3.59	1.84	22.8	7.24	7.2
40357111		0.07	100.39	0.78	<0.01	0.10	615	49.5	110	5.88	2.24	1.27	0.81	19.2	2.66	3.8
40357112		0.07	98.51	1.03	0.01	0.13	643	50.7	120	4.67	2.16	1.08	0.80	17.4	2.94	3.2
40357113		0.07	98.60	0.69	<0.01	0.12	631	51.0	140	6.30	2.18	1.22	0.90	19.3	2.91	3.8
40357114		0.06	98.28	0.52	0.01	0.10	592	44.5	150	6.61	1.87	1.13	0.89	18.8	2.41	3.3
40357115		0.07	98.21	0.67	0.01	0.12	617	38.7	150	10.70	1.80	1.03	0.81	18.1	2.27	3.3
40357116		0.10	99.34	0.90	0.01	0.12	873	45.9	190	8.75	2.02	1.18	1.11	19.7	2.94	3.7
40357117		0.08	98.81	0.86	0.01	0.10	737	39.7	130	4.65	1.74	0.89	0.87	17.7	2.31	2.8

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	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
40357080		1.26	28.3	0.42	12.2	37.7	8.30	89.4	8.53	2	561	0.6	1.07	4.19	0.50	1.48
40357081		0.08	1.8	0.04	0.3	2.3	0.54	6.5	0.47	<1	21.9	<0.1	0.06	0.19	0.04	0.07
40357081 CRD		0.10	1.8	0.03	0.3	2.2	0.48	6.5	0.40	1	23.4	<0.1	0.08	0.19	0.05	0.06
40357082		0.07	1.7	0.02	0.5	1.9	0.42	27.5	0.57	2	13.7	0.1	0.06	0.26	0.03	0.07
40357083		0.06	1.3	0.03	0.5	1.7	0.41	25.6	0.49	1	51.6	0.1	0.06	0.18	0.04	0.05
40357084		0.25	2.8	0.06	0.4	5.0	0.93	6.5	1.26	1	83.0	<0.1	0.20	0.29	0.09	0.09
40357085		0.16	2.5	0.08	0.4	4.1	0.80	5.7	0.93	<1	70.4	<0.1	0.13	0.30	0.07	0.10
40357086		0.17	2.2	0.06	1.1	4.0	0.77	6.2	0.94	1	71.8	0.4	0.12	0.27	0.06	0.07
40357087		0.13	2.0	0.07	0.3	3.6	0.72	5.0	0.98	<1	67.4	<0.1	0.13	0.26	0.06	0.05
40357088		0.14	2.1	0.05	0.3	3.8	0.70	4.7	0.97	<1	66.0	<0.1	0.13	0.24	0.06	0.08
40357089		0.16	2.1	0.05	0.3	3.5	0.74	4.5	0.91	<1	66.4	<0.1	0.12	0.24	0.06	0.06
40357090		0.24	4.7	0.08	2.0	5.7	1.19	5.3	1.32	2	103.5	0.1	0.19	0.83	0.09	0.18
40357091		0.19	2.3	0.05	0.4	3.9	0.73	4.0	0.95	<1	68.1	0.1	0.15	0.34	0.09	0.36
40357092		0.17	2.1	0.05	0.4	3.6	0.72	1.8	0.77	<1	62.1	0.1	0.10	0.25	0.06	0.09
40357093		0.16	2.3	0.07	0.4	4.0	0.84	4.5	0.96	<1	72.8	<0.1	0.13	0.31	0.07	0.09
40357094		0.17	2.4	0.06	0.6	4.0	0.76	3.2	0.91	1	69.6	0.1	0.14	0.29	0.06	0.09
40357095		0.17	2.3	0.06	0.5	3.7	0.78	2.7	0.90	1	64.1	<0.1	0.14	0.28	0.06	0.08
40357096		0.18	2.4	0.07	0.5	4.1	0.80	3.6	1.08	1	64.3	<0.1	0.13	0.25	0.05	0.08
40357097		0.17	2.6	0.07	0.4	4.1	0.83	7.9	1.05	<1	79.0	<0.1	0.16	0.72	0.08	0.51
40357098		0.18	2.3	0.08	0.3	4.2	0.79	5.3	0.98	<1	74.9	<0.1	0.13	0.31	0.07	0.08
40357099		0.16	2.3	0.06	0.3	3.8	0.80	5.7	0.97	<1	66.5	<0.1	0.14	0.27	0.07	0.09
40357100		0.17	2.3	0.06	0.3	3.8	0.77	6.0	0.90	<1	65.0	<0.1	0.14	0.39	0.07	0.62
40357100 CRD		0.15	2.2	0.08	0.3	3.9	0.81	5.6	1.10	<1	67.2	<0.1	0.16	0.28	0.07	0.07
40357101		0.17	2.5	0.07	0.3	4.2	0.81	6.1	0.99	<1	67.6	<0.1	0.14	0.31	0.08	0.14
40357102		0.38	11.8	0.12	6.0	10.8	2.98	168.5	2.65	3	83.6	1.0	0.36	7.56	0.15	7.68
40357103		0.34	14.6	0.11	3.3	12.7	3.42	151.0	2.98	2	134.0	0.6	0.36	14.90	0.13	20.8
40357104		0.24	24.5	0.05	1.5	19.4	5.41	115.0	4.30	1	177.0	0.2	0.31	21.9	0.05	16.30
40357105		0.19	19.0	0.04	1.9	15.3	4.18	98.5	3.05	1	164.5	0.1	0.35	16.50	0.04	15.60
40357106		0.52	23.5	0.17	5.0	22.4	5.57	105.5	4.27	2	475	0.4	0.45	5.99	0.20	2.03
40357107		0.56	25.4	0.19	5.2	24.7	5.99	95.0	4.14	1	354	0.4	0.47	6.79	0.23	1.80
40357108		0.44	23.5	0.19	4.8	21.5	5.53	102.0	4.00	1	366	0.4	0.50	8.08	0.19	5.80
40357109		0.40	22.7	0.17	5.7	20.7	5.23	108.0	3.63	2	295	1.9	0.40	9.82	0.18	3.49
40357110		1.27	28.0	0.51	13.7	37.6	8.17	86.1	7.91	3	529	0.7	1.13	3.76	0.54	2.43
40357111		0.48	24.6	0.17	6.8	21.1	5.68	122.5	3.74	2	273	0.6	0.38	7.54	0.15	8.75
40357112		0.38	25.5	0.15	4.8	22.3	5.84	97.8	3.83	1	268	0.4	0.34	9.08	0.15	8.95
40357113		0.42	25.5	0.16	7.8	22.2	5.97	117.5	3.82	1	300	0.5	0.38	9.76	0.15	20.6
40357114		0.39	21.5	0.15	5.5	19.3	5.12	103.0	3.39	1	380	0.4	0.34	7.94	0.14	10.20
40357115		0.35	18.6	0.15	4.9	17.7	4.65	97.8	3.09	2	473	0.5	0.33	6.18	0.12	6.13
40357116		0.45	23.1	0.19	5.6	20.6	5.50	96.6	3.49	2	451	0.5	0.36	6.92	0.17	4.96
40357117		0.34	19.9	0.13	4.9	18.5	4.78	86.9	3.23	1	347	0.4	0.32	6.39	0.12	11.75

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	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
40357080		110	1	32.8	2.99	279	0.5	0.03	<0.005	0.028	0.001	<0.05	0.3	0.02	0.35	0.03
40357081		66	1	2.2	0.25	7	0.2	0.86	0.007	0.009	<0.001	<0.05	1.0	0.13	0.41	0.29
40357081 CRD		66	1	2.1	0.25	8	0.2	0.89	0.005	0.008	<0.001	<0.05	1.0	0.13	0.39	0.32
40357082		58	1	1.9	0.18	6	0.3	0.93	0.005	0.010	<0.001	<0.05	0.5	0.07	0.50	0.18
40357083		56	1	1.7	0.14	6	0.5	0.77	0.006	0.011	0.003	0.06	0.3	0.04	0.73	0.15
40357084		146	1	5.4	0.52	13	0.2	3.48	<0.005	0.009	0.002	<0.05	2.9	0.57	0.20	1.18
40357085		110	2	3.9	0.48	11	0.3	0.24	0.009	0.007	<0.001	0.08	0.6	0.10	0.07	0.21
40357086		115	2	3.9	0.49	10	0.5	0.50	<0.005	0.005	0.001	0.10	0.5	0.05	0.07	0.10
40357087		104	1	3.9	0.35	10	0.2	0.03	<0.005	0.005	0.001	0.06	0.5	0.05	0.04	0.11
40357088		115	<1	3.9	0.44	10	0.2	0.04	<0.005	0.005	0.001	<0.05	0.5	0.09	0.03	0.11
40357089		116	1	3.9	0.39	10	0.3	0.04	<0.005	0.007	<0.001	<0.05	0.6	0.08	0.03	0.10
40357090		114	1	6.1	0.58	31	8.3	1.04	<0.005	0.062	0.013	0.24	10.1	2.26	0.08	2.39
40357091		116	2	4.1	0.40	11	0.6	0.38	0.005	0.006	<0.001	<0.05	0.5	0.08	0.03	0.18
40357092		111	4	3.9	0.35	10	0.4	0.71	<0.005	0.005	0.001	<0.05	0.4	0.07	0.04	0.18
40357093		108	1	4.2	0.38	12	0.5	0.13	<0.005	0.006	0.001	<0.05	0.5	0.06	0.04	0.10
40357094		112	2	4.3	0.50	11	0.2	0.37	<0.005	0.006	<0.001	<0.05	0.5	0.06	0.07	0.12
40357095		110	2	4.1	0.41	11	0.2	0.46	<0.005	0.005	0.001	<0.05	0.4	0.05	0.08	0.12
40357096		113	2	4.1	0.46	11	0.4	0.35	<0.005	0.006	0.001	<0.05	0.3	0.05	0.11	0.09
40357097		115	1	4.5	0.54	13	0.2	0.09	<0.005	0.005	0.001	<0.05	0.5	0.06	0.11	0.09
40357098		119	1	4.3	0.45	11	0.1	0.05	<0.005	0.007	0.001	<0.05	0.6	0.07	0.13	0.14
40357099		113	1	4.3	0.42	11	0.2	0.06	<0.005	0.006	<0.001	<0.05	0.5	0.07	0.34	0.10
40357100		112	1	4.2	0.45	11	0.1	0.07	<0.005	0.007	0.001	<0.05	0.4	0.07	0.38	0.11
40357100 CRD		114	1	4.1	0.49	12	0.1	0.08	<0.005	0.008	<0.001	<0.05	0.6	0.07	0.34	0.11
40357101		114	1	4.4	0.44	12	<0.1	0.05	<0.005	0.006	<0.001	<0.05	0.5	0.06	0.52	0.10
40357102		5	<1	11.1	0.96	56	0.4	0.40	<0.005	0.015	<0.001	<0.05	<0.2	0.01	0.12	0.05
40357103		5	<1	9.7	0.69	66	3.6	1.48	<0.005	0.008	0.001	0.06	<0.2	0.01	0.07	0.04
40357104		<5	<1	5.8	0.37	84	0.9	0.38	<0.005	<0.005	0.001	0.05	<0.2	0.01	0.07	0.04
40357105		6	<1	5.4	0.30	59	1.0	0.08	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	0.07	0.03
40357106		127	<1	13.2	1.22	127	0.1	0.17	<0.005	0.015	0.001	<0.05	0.4	0.02	0.68	0.09
40357107		139	<1	13.2	1.54	127	0.3	0.17	<0.005	0.033	0.001	<0.05	0.4	0.04	0.60	0.09
40357108		113	1	11.7	1.15	109	0.4	0.13	<0.005	0.020	0.001	<0.05	0.4	0.03	0.63	0.08
40357109		95	<1	9.7	1.06	120	7.6	0.15	<0.005	0.031	0.001	0.07	<0.2	0.04	0.62	0.11
40357110		120	<1	33.4	3.41	297	0.6	0.02	<0.005	0.039	0.001	<0.05	0.2	0.02	0.34	0.04
40357111		72	1	12.4	1.21	121	3.4	0.13	<0.005	0.033	0.001	<0.05	0.3	0.03	0.64	0.05
40357112		78	1	10.3	1.11	111	3.0	0.19	<0.005	0.026	0.002	<0.05	0.2	0.03	0.39	0.08
40357113		88	1	10.3	1.01	128	1.8	0.15	0.005	0.040	0.002	<0.05	0.4	0.04	0.67	0.11
40357114		85	1	9.8	1.04	117	0.4	0.14	<0.005	0.028	0.001	<0.05	0.4	0.03	0.63	0.08
40357115		92	4	9.2	1.04	122	0.5	0.17	<0.005	0.029	<0.001	<0.05	0.2	0.02	0.72	0.08
40357116		107	1	10.8	1.17	132	0.4	0.24	<0.005	0.029	0.001	<0.05	0.3	0.04	0.61	0.11
40357117		69	1	8.3	0.85	98	0.5	0.17	<0.005	0.020	0.001	<0.05	<0.2	0.02	0.44	0.09

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2	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
40357080		0.12	19.5	27.4	21.1	1.20	24.5	13.5	17.7	106	0.001	0.0011	0.002
40357081		0.07	132.0	609	4.1	0.13	1100	1.0	11.7	66	0.012	0.0473	0.048
40357081 CRD		0.09	137.0	621	4.3	0.18	1145	1.0	12.2	68	0.012	0.0460	0.049
40357082		0.02	137.5	295	7.7	0.10	1100	1.1	9.0	58	0.006	0.0335	0.032
40357083		0.07	126.0	156.5	8.0	0.10	988	1.1	8.1	72	0.004	0.0279	0.026
40357084		0.41	91.0	2130	15.1	0.22	995	8.8	43.9	61	0.066	0.0587	0.057
40357085		0.10	99.9	367	8.7	0.13	717	6.6	29.5	67	0.012	0.0185	0.017
40357086		0.09	99.7	213	7.7	0.22	669	1.6	28.9	66	0.004	0.0162	0.014
40357087		0.07	101.0	223	6.2	0.18	674	1.5	29.6	62	0.005	0.0144	0.013
40357088		0.06	102.5	267	6.2	0.17	694	1.3	30.1	61	0.007	0.0145	0.014
40357089		0.07	101.5	260	6.1	0.10	684	1.2	29.4	65	0.007	0.0155	0.014
40357090		0.55	204	5490	18.1	2.79	7370	17.4	15.7	81	0.178	0.422	0.237
40357091		0.07	101.5	306	6.2	0.15	709	1.6	30.2	62	0.012	0.0167	0.015
40357092		0.09	99.0	287	5.5	0.16	697	1.1	30.0	60	0.013	0.0167	0.015
40357093		0.06	100.5	223	6.2	0.12	680	1.2	30.3	62	0.007	0.0143	0.013
40357094		0.07	103.0	265	6.0	0.14	701	1.0	29.8	64	0.007	0.0156	0.015
40357095		0.09	101.5	201	5.9	0.17	677	1.1	29.8	65	0.005	0.0140	0.013
40357096		0.08	99.1	185.5	5.0	0.21	651	1.2	29.6	61	0.005	0.0150	0.013
40357097		0.06	99.9	191.0	7.1	0.11	658	1.5	30.2	61	0.006	0.0167	0.013
40357098		0.08	103.0	263	6.2	0.10	685	1.3	31.4	62	0.010	0.0156	0.015
40357099		0.05	98.0	248	7.6	0.11	655	1.5	29.8	50	0.008	0.0164	0.014
40357100		0.05	98.9	263	7.5	0.10	660	1.5	29.9	52	0.009	0.0150	0.014
40357100 CRD		0.04	99.9	265	7.3	0.11	667	2.3	30.3	53	0.009	0.0159	0.014
40357101		0.08	97.3	244	8.5	0.11	650	1.3	30.0	80	0.007	0.0167	0.014
40357102		0.09	5.7	8.6	14.5	0.98	34.7	29.5	3.5	30	0.001	0.0011	0.001
40357103		0.03	1.0	2.2	13.4	1.44	2.6	47.6	1.7	13	<0.001	<0.0005	<0.001
40357104		0.05	0.9	1.4	12.2	2.80	2.0	43.0	1.2	10	<0.001	<0.0005	<0.001
40357105		0.04	1.0	2.4	13.0	1.58	2.5	41.2	1.3	13	<0.001	<0.0005	<0.001
40357106		0.16	27.0	57.5	72.7	1.56	107.0	13.4	17.3	87	0.001	0.0015	0.001
40357107		0.13	28.0	56.0	77.9	1.47	105.0	12.5	19.2	89	0.001	0.0018	0.002
40357108		0.10	22.7	49.0	61.9	1.55	80.3	16.4	14.2	70	0.001	0.0015	0.002
40357109		0.24	20.2	47.4	68.4	1.95	71.5	20.8	13.3	114	0.001	0.0018	0.001
40357110		0.08	16.8	17.5	18.7	1.08	13.8	12.0	17.3	89	0.001	<0.0005	0.001
40357111		0.16	14.3	29.7	52.7	2.47	45.7	24.8	10.5	85	<0.001	0.0010	0.001
40357112		0.13	16.6	36.2	47.5	2.29	54.7	27.1	11.5	78	0.001	0.0011	0.001
40357113		0.13	18.5	42.3	49.7	2.38	58.9	29.9	13.4	92	<0.001	0.0012	0.001
40357114		0.07	17.6	36.4	41.9	1.83	58.5	24.0	11.7	77	<0.001	0.0012	0.001
40357115		0.22	17.9	38.0	38.3	1.51	53.8	24.3	12.0	129	<0.001	0.0012	0.001
40357116		0.19	21.5	50.5	46.6	1.64	75.1	25.6	14.4	134	0.002	0.0016	0.002
40357117		0.18	14.7	37.2	40.4	2.11	50.6	25.1	10.0	86	0.002	0.0009	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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357118		2.22			67.0	14.35	5.55	2.77	2.86	3.40	2.23	0.03	0.47	0.07	0.14	0.04
40357119		2.77			63.8	15.05	6.08	3.28	3.06	3.47	2.32	0.02	0.49	0.09	0.17	0.04
40357120		0.17			44.9	18.60	12.25	9.45	7.45	2.12	1.09	0.35	1.32	0.15	0.15	0.04
40357121		2.25			63.4	15.70	6.22	3.65	3.19	3.82	2.23	0.03	0.52	0.09	0.16	0.05
40357121 CRD		<0.02			63.8	15.65	6.18	3.65	3.16	3.81	2.20	0.02	0.51	0.09	0.16	0.05
40357122		2.51			62.5	15.60	6.27	3.50	3.34	3.77	2.37	0.03	0.52	0.09	0.16	0.05
40357123		2.20			75.6	13.30	1.41	0.82	0.22	3.79	4.31	<0.01	0.07	0.03	<0.01	0.01
40357124		1.84			75.2	13.20	1.10	0.97	0.13	4.21	3.24	<0.01	0.03	0.02	<0.01	0.01
40357125		1.49			75.6	13.40	1.19	0.28	0.15	2.64	7.21	<0.01	0.05	0.02	0.01	0.01
40357126		2.20			59.7	14.85	8.63	3.50	4.23	3.29	3.21	0.05	0.68	0.14	0.22	0.04
40357127		3.13			61.1	14.90	7.24	3.47	4.09	3.56	3.07	0.04	0.58	0.11	0.23	0.05
40357128		3.13			62.5	14.60	6.79	4.15	4.06	3.53	3.09	0.04	0.56	0.11	0.24	0.05
40357129		1.03			61.4	15.55	7.31	3.04	3.63	3.58	2.68	0.03	0.58	0.08	0.21	0.04
40357130		0.94			61.7	16.00	7.35	3.04	3.80	3.69	3.00	0.03	0.60	0.09	0.20	0.04
40357131		2.80			63.8	15.45	6.89	2.40	3.57	3.47	3.02	0.03	0.56	0.08	0.17	0.04
40357132		3.36			62.7	15.05	6.41	3.11	3.15	4.49	2.12	0.03	0.55	0.09	0.17	0.04
40357133		3.38			65.2	15.70	6.22	3.04	3.11	4.22	2.43	0.03	0.54	0.08	0.17	0.04
40357134		1.38			61.3	16.15	6.99	2.81	3.35	3.97	2.87	0.03	0.56	0.10	0.15	0.03
40357135		1.54		86.9	64.1	10.70	6.53	5.14	6.18	2.47	1.90	0.04	0.47	0.14	0.23	0.04
40357136		1.97	82.3	86.4	73.8	14.10	0.98	0.67	0.31	3.73	5.69	<0.01	0.05	0.01	0.06	0.01
40357137		1.77			57.0	14.05	8.49	4.83	6.77	3.33	2.45	0.04	0.67	0.15	0.26	0.04
40357138		1.98			65.3	14.85	6.44	1.44	3.30	4.04	2.04	0.02	0.49	0.07	0.17	0.03
40357139		1.08			73.5	15.00	1.06	0.63	0.22	4.99	4.26	<0.01	0.03	0.01	0.02	<0.01
40357140		1.49			60.7	17.90	6.26	5.70	2.19	3.80	2.71	<0.01	0.80	0.10	0.24	0.05
40357141		1.69			59.0	15.85	8.96	1.57	5.09	3.81	2.48	0.05	0.64	0.09	0.24	0.01
40357141 CRD		<0.02			57.8	15.50	8.79	1.55	4.97	3.75	2.41	0.05	0.63	0.08	0.23	0.01
40357142		1.37			75.9	13.80	1.67	0.71	0.61	4.59	3.29	0.01	0.06	0.02	0.05	<0.01
40357143		3.01			38.1	2.11	13.40	2.05	33.5	0.17	0.07	0.57	0.11	0.18	0.02	<0.01
40357144		3.08			38.2	2.04	13.95	1.91	34.0	0.15	0.12	0.56	0.10	0.18	0.03	<0.01
40357145		3.23			38.2	2.09	13.40	2.08	34.0	0.13	0.07	0.56	0.11	0.18	0.02	<0.01
40357146		3.15			38.3	2.04	13.45	2.02	34.0	0.12	0.08	0.55	0.10	0.17	0.02	<0.01
40357147		3.32			38.9	2.04	13.45	2.54	33.1	0.12	0.18	0.55	0.10	0.21	0.02	<0.01
40357148		3.13			38.9	2.06	13.30	2.15	33.9	0.15	0.08	0.56	0.10	0.17	0.02	<0.01
40357149		3.30			39.4	2.30	13.00	2.17	33.2	0.15	0.28	0.53	0.09	0.17	0.03	<0.01
40357150		0.11			39.8	5.77	16.00	3.91	23.7	0.70	0.24	0.28	0.45	0.16	0.04	<0.01
40357151		3.06			43.4	2.80	12.15	2.24	30.9	0.27	0.59	0.49	0.09	0.17	0.02	<0.01
40357152		3.32			38.8	2.04	13.20	1.58	34.1	0.14	0.26	0.54	0.10	0.16	0.04	<0.01
40357153		3.29			38.2	1.98	13.10	1.25	33.7	0.10	0.29	0.54	0.10	0.16	0.03	<0.01
40357154		3.41			39.7	2.49	12.90	1.67	33.3	0.12	0.49	0.54	0.10	0.18	0.02	<0.01
40357155		3.03			43.8	7.38	11.60	6.65	22.4	0.30	1.99	0.32	0.30	0.19	0.33	<0.01

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01	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
40357118		0.08	99.83	0.84	0.01	0.11	687	41.1	170	2.19	1.74	1.01	0.88	16.9	2.37	2.9
40357119		0.09	98.87	0.91	0.06	0.09	752	42.2	160	3.00	1.97	1.09	0.83	18.1	2.48	2.9
40357120		0.04	99.80	1.89	0.03	0.34	335	26.3	2340	2.47	3.32	1.91	1.15	19.5	3.61	2.7
40357121		0.08	99.85	0.71	0.04	0.14	778	45.7	170	2.53	2.09	1.15	0.95	19.5	2.58	3.5
40357121 CRD		0.08	100.02	0.66	0.04	0.13	755	45.2	160	2.55	2.08	1.21	0.88	18.6	2.74	3.2
40357122		0.07	99.17	0.90	0.02	0.09	625	48.8	220	6.83	2.11	1.21	0.84	19.4	3.10	3.0
40357123		0.02	99.93	0.35	0.01	0.01	222	33.2	20	7.57	1.34	0.62	0.51	16.8	2.11	3.4
40357124		0.02	98.46	0.33	0.01	0.01	163.5	54.7	20	5.42	2.20	1.04	0.41	17.2	3.19	9.7
40357125		0.04	100.77	0.17	0.01	0.01	337	33.5	20	7.60	1.00	0.42	0.37	14.7	1.62	2.2
40357126		0.10	99.57	0.93	0.02	0.15	920	111.5	320	13.20	3.81	1.84	1.18	22.8	5.92	5.5
40357127		0.11	99.50	0.95	0.05	0.13	996	49.3	230	8.63	2.58	1.35	1.09	18.5	3.37	3.9
40357128		0.12	100.54	0.70	0.07	0.08	1015	49.2	220	7.41	2.40	1.47	1.16	17.6	3.56	3.6
40357129		0.09	99.56	1.34	0.02	0.12	750	46.1	210	3.91	2.33	1.35	1.10	18.7	2.93	3.5
40357130		0.09	100.81	1.18	0.02	0.14	831	51.7	220	4.25	2.47	1.32	1.10	19.7	3.04	3.8
40357131		0.09	100.88	1.31	0.02	0.17	782	46.9	200	5.78	2.07	1.22	1.03	19.1	2.78	3.4
40357132		0.07	98.79	0.81	0.03	0.19	666	44.4	190	4.91	2.50	1.44	0.95	18.5	3.18	3.6
40357133		0.08	101.79	0.93	0.02	0.17	757	40.0	200	4.60	2.50	1.35	1.01	19.2	2.95	3.3
40357134		0.09	99.36	0.96	0.04	0.22	787	54.7	170	5.23	2.50	1.43	1.05	19.0	3.31	3.5
40357135		0.05	99.21	1.22	0.13	0.04	<0.5	<0.1	<10	<0.01	<0.05	<0.03	<0.03	<0.1	<0.05	<0.2
40357136		0.03	99.67	0.23	0.01	0.02	263	8.6	20	2.39	1.39	0.68	0.32	18.4	1.36	1.2
40357137		0.08	99.61	1.45	0.12	0.18	734	49.1	340	11.15	3.08	1.58	1.24	19.7	4.17	3.2
40357138		0.05	100.06	1.82	0.02	0.13	511	35.3	190	8.42	1.97	0.99	0.83	21.4	2.48	3.4
40357139		0.03	100.08	0.33	0.02	0.04	281	20.5	20	2.06	2.12	1.24	0.48	22.2	2.10	3.2
40357140		0.11	100.85	0.29	0.05	0.09	981	59.7	20	1.20	5.56	3.29	1.66	22.8	6.73	7.2
40357141		0.07	100.24	2.38	0.02	0.09	642	42.8	360	4.94	2.13	1.18	0.82	20.2	2.68	3.2
40357141 CRD		0.07	98.22	2.38	0.02	0.09	637	41.6	350	4.94	2.19	1.09	0.84	20.0	2.73	3.2
40357142		0.03	101.19	0.45	0.01	0.02	291	28.2	40	1.44	2.49	1.16	0.39	17.6	2.79	2.3
40357143		<0.01	100.27	9.99	0.05	0.35	17.4	3.1	3980	0.99	0.39	0.23	0.12	2.8	0.57	0.2
40357144		<0.01	101.13	9.89	0.07	0.48	17.1	2.7	3860	3.65	0.34	0.21	0.07	2.6	0.37	<0.2
40357145		<0.01	101.14	10.30	0.06	0.21	20.5	2.8	3920	1.77	0.39	0.22	0.12	2.6	0.46	0.2
40357146		<0.01	101.25	10.40	0.04	0.26	24.1	3.0	3780	1.79	0.38	0.25	0.12	2.8	0.39	0.2
40357147		<0.01	101.31	10.10	0.03	0.43	25.9	2.9	3740	2.93	0.36	0.29	0.13	2.8	0.41	0.2
40357148		<0.01	101.49	10.10	0.04	0.27	15.6	2.8	3890	0.66	0.36	0.30	0.11	2.7	0.35	0.2
40357149		<0.01	100.97	9.65	0.03	0.15	24.8	3.1	3700	3.50	0.42	0.31	0.10	3.0	0.47	0.2
40357150		0.01	99.91	8.85	0.15	2.46	97.0	9.6	1970	0.80	1.18	0.67	0.40	7.4	1.29	0.8
40357151		<0.01	101.79	8.67	0.03	0.08	28.9	3.8	3550	7.90	0.58	0.32	0.11	4.3	0.50	0.4
40357152		<0.01	100.96	10.00	0.04	0.07	19.5	6.5	3760	2.64	0.37	0.26	0.16	2.8	0.57	0.2
40357153		<0.01	99.80	10.35	0.04	0.06	16.1	3.5	3850	3.16	0.34	0.24	0.12	2.7	0.46	0.2
40357154		<0.01	101.40	9.89	0.04	0.05	24.7	3.4	3870	5.00	0.47	0.26	0.11	3.4	0.49	0.3
40357155		0.01	100.89	5.62	0.04	0.05	100.0	23.0	2190	26.5	2.51	1.51	0.57	11.1	2.48	1.4

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	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
40357118		0.34	20.3	0.15	4.0	18.7	4.96	59.5	3.41	1	350	0.3	0.29	4.13	0.14	1.69
40357119		0.39	20.4	0.16	5.5	18.1	5.10	75.3	3.41	2	427	0.6	0.34	4.65	0.14	2.46
40357120		0.71	12.1	0.25	7.1	15.1	3.39	32.6	3.64	2	396	0.4	0.53	1.18	0.23	0.32
40357121		0.37	22.0	0.15	4.5	20.5	5.44	64.0	3.63	2	486	0.3	0.36	4.75	0.16	1.48
40357121 CRD		0.40	21.8	0.15	4.4	20.4	5.29	61.8	3.88	1	468	0.3	0.36	4.77	0.17	1.46
40357122		0.43	24.7	0.17	6.0	22.5	5.70	84.5	4.08	1	481	0.7	0.37	4.77	0.17	3.68
40357123		0.26	14.8	0.09	5.8	15.1	4.05	121.5	3.07	2	131.5	0.8	0.28	19.85	0.08	21.4
40357124		0.42	22.4	0.18	3.9	24.4	6.78	90.4	5.26	1	120.0	0.6	0.49	38.5	0.15	66.2
40357125		0.19	15.1	0.08	4.5	14.4	4.09	197.5	2.89	1	117.5	0.7	0.21	13.70	0.07	21.3
40357126		0.69	54.5	0.25	15.6	48.6	13.15	149.5	8.89	2	406	1.1	0.70	17.60	0.22	11.25
40357127		0.53	23.3	0.20	5.9	23.2	5.99	90.4	4.40	1	441	0.6	0.48	6.62	0.19	8.93
40357128		0.50	22.7	0.17	5.9	23.5	5.97	87.1	4.67	2	418	0.5	0.49	6.96	0.18	2.37
40357129		0.50	24.0	0.21	5.2	21.0	5.35	70.1	3.77	1	374	0.4	0.41	6.67	0.17	9.30
40357130		0.48	27.0	0.21	5.6	23.3	6.07	81.6	4.24	1	385	0.5	0.44	6.97	0.18	7.94
40357131		0.44	23.7	0.16	5.3	20.5	5.46	88.6	3.75	1	395	0.4	0.38	6.60	0.15	8.46
40357132		0.48	21.3	0.18	5.0	20.4	5.32	66.2	4.06	1	411	0.4	0.40	5.97	0.17	2.87
40357133		0.49	19.9	0.21	5.8	19.0	4.89	73.4	3.61	2	418	0.6	0.43	6.29	0.18	5.40
40357134		0.51	27.1	0.20	5.4	24.2	6.46	88.7	4.55	2	372	0.4	0.46	6.61	0.21	2.05
40357135		<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
40357136		0.26	4.0	0.07	2.2	4.6	1.11	126.0	1.20	1	112.5	0.2	0.23	3.58	0.09	11.00
40357137		0.61	22.8	0.21	8.0	24.9	6.25	133.0	4.84	3	360	0.6	0.60	4.82	0.23	2.05
40357138		0.42	17.1	0.15	10.5	17.3	4.31	95.5	3.20	4	309	1.0	0.38	5.89	0.16	10.05
40357139		0.39	9.4	0.19	2.3	9.8	2.57	96.8	2.46	1	93.5	0.4	0.40	12.45	0.17	23.5
40357140		1.19	26.7	0.45	12.8	33.0	8.13	97.4	7.12	2	523	0.7	1.05	4.19	0.49	1.72
40357141		0.41	21.0	0.19	5.7	19.3	5.06	80.7	3.34	2	182.0	0.5	0.34	6.97	0.17	3.80
40357141 CRD		0.41	20.9	0.16	5.7	18.7	5.00	81.7	3.40	2	184.0	0.4	0.38	6.66	0.16	3.65
40357142		0.49	12.5	0.13	2.3	13.1	3.49	64.4	3.16	<1	115.0	0.2	0.49	14.70	0.20	6.40
40357143		0.09	1.4	0.04	0.3	2.0	0.42	1.9	0.39	<1	25.3	<0.1	0.06	0.21	0.03	0.07
40357144		0.08	1.2	0.03	0.6	1.8	0.37	6.2	0.39	1	24.1	0.1	0.06	0.18	0.03	0.07
40357145		0.09	1.2	0.03	0.3	2.0	0.40	2.7	0.47	<1	21.5	<0.1	0.05	0.18	0.05	0.05
40357146		0.08	1.3	0.03	0.3	1.8	0.39	2.9	0.54	<1	17.5	<0.1	0.06	0.23	0.03	0.08
40357147		0.09	1.3	0.04	0.3	1.8	0.39	8.9	0.44	<1	16.9	<0.1	0.06	0.21	0.04	0.15
40357148		0.08	1.3	0.04	0.2	1.8	0.35	2.8	0.46	<1	21.6	<0.1	0.05	0.16	0.03	0.06
40357149		0.09	1.4	0.04	0.6	1.8	0.42	14.0	0.43	1	22.5	0.1	0.08	0.38	0.04	0.34
40357150		0.25	4.5	0.08	2.1	5.9	1.19	6.1	1.37	1	104.5	0.1	0.21	0.75	0.09	0.18
40357151		0.09	1.8	0.06	1.4	2.1	0.47	34.9	0.55	<1	40.9	0.3	0.08	0.84	0.05	1.05
40357152		0.10	2.8	0.03	2.9	3.6	0.85	12.1	0.73	<1	21.7	<0.1	0.07	0.37	0.03	0.08
40357153		0.07	1.5	0.03	0.9	2.1	0.46	14.5	0.50	<1	16.3	<0.1	0.06	0.19	0.04	<0.05
40357154		0.09	1.6	0.05	1.0	2.1	0.47	30.6	0.54	1	25.4	0.1	0.07	0.39	0.04	0.74
40357155		0.55	10.4	0.26	6.3	12.7	2.91	141.0	2.70	6	62.2	1.2	0.43	2.63	0.24	3.05

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	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
40357118		84	1	9.4	0.91	106	0.4	0.14	0.008	0.021	0.001	<0.05	<0.2	0.04	0.36	0.09
40357119		90	2	10.0	1.07	109	0.5	0.70	<0.005	0.023	0.001	<0.05	<0.2	0.04	0.49	0.10
40357120		180	1	17.6	1.74	98	4.2	0.14	0.020	0.029	0.003	0.39	1.2	0.05	0.46	0.44
40357121		98	1	10.6	1.07	125	0.3	0.13	<0.005	0.020	0.001	<0.05	0.4	0.02	0.45	0.10
40357121 CRD		94	1	10.3	1.06	117	0.1	0.14	<0.005	0.023	0.001	<0.05	0.4	0.02	0.42	0.09
40357122		100	1	10.8	1.09	112	0.8	0.18	<0.005	0.021	0.001	<0.05	0.3	0.02	0.55	0.09
40357123		<5	6	7.2	0.63	87	0.7	0.41	<0.005	0.009	<0.001	<0.05	0.2	<0.01	0.14	0.06
40357124		<5	<1	10.6	1.13	244	1.2	0.52	<0.005	0.008	<0.001	<0.05	0.2	<0.01	0.06	0.03
40357125		<5	1	4.8	0.47	56	0.5	0.33	0.005	0.006	<0.001	<0.05	<0.2	<0.01	0.08	0.05
40357126		134	1	17.8	1.62	187	0.5	0.20	<0.005	0.043	0.001	<0.05	0.4	0.02	1.00	0.13
40357127		111	<1	13.1	1.32	142	0.4	0.21	<0.005	0.019	0.002	<0.05	0.3	0.02	0.62	0.13
40357128		104	1	12.4	1.13	130	0.5	0.17	<0.005	0.015	0.002	<0.05	0.3	0.03	0.62	0.07
40357129		110	1	12.5	1.25	125	0.9	0.21	<0.005	0.034	0.001	<0.05	0.5	0.03	0.43	0.13
40357130		120	1	13.2	1.27	136	0.9	0.20	<0.005	0.038	0.002	<0.05	0.5	0.03	0.49	0.14
40357131		115	2	11.1	1.13	126	0.5	0.20	<0.005	0.036	0.001	<0.05	0.4	0.03	0.49	0.12
40357132		108	1	12.4	1.18	131	0.6	0.15	<0.005	0.015	0.002	<0.05	0.3	0.02	0.54	0.09
40357133		109	2	12.6	1.36	123	0.5	0.19	<0.005	0.025	0.004	<0.05	0.3	0.04	0.47	0.13
40357134		107	1	13.1	1.33	127	0.2	0.25	<0.005	0.039	0.001	<0.05	0.3	0.05	0.53	0.12
40357135		<5	<1	<0.1	<0.03	<2	0.3	0.16	<0.005	0.010	<0.001	<0.05	0.2	<0.01	0.48	0.04
40357136		8	1	7.9	0.57	32	0.4	0.10	<0.005	0.005	<0.001	<0.05	<0.2	<0.01	0.08	0.04
40357137		148	2	16.0	1.57	117	0.4	0.27	<0.005	0.023	<0.001	<0.05	0.3	0.01	0.79	0.11
40357138		96	5	11.5	1.02	121	1.7	1.06	<0.005	0.030	0.002	<0.05	0.5	0.01	0.41	0.17
40357139		5	1	12.4	1.11	73	1.2	0.34	<0.005	0.007	0.002	<0.05	0.3	0.01	0.03	0.08
40357140		107	1	31.4	2.83	281	0.4	0.01	<0.005	0.030	0.001	<0.05	<0.2	0.02	0.34	0.03
40357141		142	2	11.3	1.24	122	1.2	0.32	<0.005	0.041	0.003	<0.05	0.3	0.04	0.34	0.10
40357141 CRD		139	3	10.9	1.20	122	1.3	0.32	<0.005	0.042	0.002	<0.05	0.7	0.04	0.35	0.10
40357142		14	4	13.6	0.93	63	0.5	0.06	<0.005	0.006	0.001	<0.05	<0.2	<0.01	0.07	0.22
40357143		62	1	2.2	0.19	8	0.4	1.16	0.005	0.010	0.001	<0.05	1.8	0.27	0.03	0.55
40357144		61	1	2.0	0.25	6	0.2	3.96	<0.005	0.009	<0.001	<0.05	2.6	0.38	0.08	0.98
40357145		61	<1	2.1	0.21	6	0.4	0.69	<0.005	0.009	<0.001	<0.05	1.1	0.15	0.04	0.30
40357146		63	1	2.0	0.24	7	0.3	0.88	<0.005	0.011	0.001	<0.05	1.8	0.20	0.04	0.46
40357147		66	1	2.3	0.24	6	0.4	2.56	<0.005	0.014	0.002	<0.05	2.7	0.41	0.11	0.95
40357148		70	1	2.1	0.22	6	0.4	0.59	<0.005	0.009	0.001	<0.05	1.2	0.19	0.05	0.43
40357149		61	1	2.5	0.29	7	0.2	0.60	<0.005	0.009	<0.001	<0.05	0.7	0.09	0.12	0.26
40357150		116	1	6.3	0.65	30	9.2	1.01	0.005	0.067	0.014	0.20	10.6	2.17	0.11	2.48
40357151		57	<1	3.0	0.32	8	0.2	0.66	<0.005	0.009	0.001	<0.05	0.6	0.06	0.27	0.13
40357152		65	2	2.2	0.24	6	0.3	0.20	<0.005	0.007	0.001	<0.05	0.4	0.04	0.14	0.05
40357153		64	1	2.1	0.23	6	0.2	0.18	<0.005	0.010	<0.001	<0.05	<0.2	0.02	0.15	0.05
40357154		64	1	2.6	0.27	8	0.2	0.32	<0.005	0.009	<0.001	<0.05	0.2	0.03	0.33	0.08
40357155		107	1	15.2	1.85	45	0.3	1.79	<0.005	0.020	<0.001	<0.05	0.3	0.05	1.04	0.21

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2	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
40357118		0.18	18.7	45.1	33.6	2.28	66.9	13.4	11.8	79	0.002	0.0011	0.001
40357119		0.55	21.4	47.2	42.8	1.79	75.3	17.2	13.0	88	0.002	0.0011	0.001
40357120		0.26	66.8	1140	37.3	3.03	681	6.4	18.1	105	0.023	0.0487	0.223
40357121		0.07	20.7	44.4	44.5	1.44	76.0	13.4	13.2	79	0.002	0.0012	0.001
40357121 CRD		0.08	19.7	43.1	41.8	1.30	71.5	13.0	12.4	76	0.002	0.0012	0.001
40357122		0.13	20.3	35.1	45.3	1.73	79.5	16.5	12.9	94	0.002	0.0012	0.001
40357123		0.03	1.0	4.6	9.2	1.26	5.1	50.1	2.5	23	0.002	<0.0005	<0.001
40357124		0.03	0.7	3.8	5.9	1.58	3.6	60.8	1.8	17	0.002	<0.0005	<0.001
40357125		0.18	0.9	2.8	6.5	1.16	4.4	62.9	2.0	72	0.002	<0.0005	<0.001
40357126		0.17	25.2	59.9	48.7	2.22	100.5	29.5	20.5	167	0.001	0.0016	0.002
40357127		0.19	23.5	59.2	37.7	1.54	88.6	25.0	15.8	155	0.001	0.0015	0.002
40357128		0.20	22.7	48.5	31.9	1.47	85.2	21.4	14.9	96	0.001	0.0018	0.001
40357129		0.19	23.5	62.7	43.0	1.24	103.0	29.6	15.5	247	0.001	0.0025	0.002
40357130		0.24	23.7	56.7	46.7	1.62	94.0	31.3	16.2	211	0.001	0.0015	0.002
40357131		0.28	22.1	48.3	53.5	1.76	80.2	27.0	15.6	215	0.001	0.0014	0.002
40357132		0.28	21.7	48.1	30.9	1.69	71.8	18.3	15.0	139	0.002	0.0015	0.002
40357133		0.40	21.0	59.8	35.1	1.52	67.4	28.8	15.6	221	0.001	0.0015	0.001
40357134		0.17	23.3	67.7	44.7	1.97	81.4	15.6	16.1	85	0.001	0.0018	0.003
40357135		0.09	23.5	12.6	27.3	0.66	98.1	8.6	15.0	55	0.001	0.0007	0.001
40357136		0.03	1.7	7.2	5.9	0.92	6.2	45.6	1.6	10	0.001	<0.0005	<0.001
40357137		0.15	30.3	52.5	37.3	0.66	124.0	11.1	16.8	81	0.001	0.0018	0.002
40357138		0.06	20.4	63.1	51.0	1.07	80.5	19.5	10.9	58	0.001	0.0012	0.001
40357139		0.07	1.5	22.1	5.6	0.95	4.6	40.6	1.2	12	0.002	<0.0005	<0.001
40357140		0.05	15.4	15.2	18.9	0.90	13.4	12.4	14.1	78	0.002	0.0006	0.002
40357141		0.04	27.5	79.1	95.3	1.67	127.5	11.4	16.4	83	0.002	0.0021	0.002
40357141 CRD		0.03	27.5	75.8	97.8	1.32	126.0	11.1	16.4	80	0.002	0.0021	0.002
40357142		0.04	3.0	8.8	13.1	1.36	12.1	32.2	2.4	12	0.002	0.0006	0.001
40357143		0.08	144.0	1200	3.7	0.18	1320	1.0	12.3	70	0.025	0.0656	0.056
40357144		0.16	153.0	1960	4.0	0.24	1615	1.0	11.4	72	0.033	0.0882	0.085
40357145		0.06	136.5	717	2.9	0.13	1170	0.8	11.6	71	0.013	0.0366	0.034
40357146		0.11	132.5	1010	2.5	0.11	1190	0.9	10.9	68	0.023	0.0606	0.049
40357147		0.21	143.5	1820	4.7	0.21	1495	1.3	11.2	87	0.049	0.0968	0.085
40357148		0.09	136.0	885	3.0	0.13	1200	0.9	12.2	63	0.023	0.0455	0.042
40357149		0.07	130.0	504	9.0	0.08	1045	1.1	11.1	70	0.013	0.0356	0.027
40357150		0.59	203	5390	15.4	2.80	7220	16.5	15.2	73	0.163	0.389	0.228
40357151		0.08	120.5	233	15.3	0.13	923	1.9	10.2	73	0.006	0.0212	0.019
40357152		0.04	128.0	110.5	3.7	0.05	947	0.7	10.6	66	0.003	0.0209	0.018
40357153		0.03	131.5	85.6	4.2	0.05	978	0.7	10.7	72	0.003	0.0230	0.017
40357154		0.04	128.5	92.8	12.8	<0.05	942	1.0	10.9	68	0.004	0.0195	0.016
40357155		0.14	93.5	213	115.0	0.10	632	5.8	17.1	85	0.006	0.0169	0.016

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40357156		1.97			56.1	18.70	1.98	10.15	1.56	5.16	3.09	<0.01	0.11	0.03	0.03	0.02
40357157		3.58			46.0	15.20	10.80	9.88	9.58	1.34	3.70	0.03	0.67	0.19	0.27	0.06
40357158		2.83			55.2	14.25	5.89	5.40	7.40	2.80	3.70	0.01	0.42	0.12	0.11	0.03
40357159		1.77			69.9	16.00	1.40	2.10	1.51	6.08	2.25	<0.01	0.07	0.04	0.03	0.03
40357160		1.75			71.5	15.55	1.32	2.03	1.44	5.83	2.49	<0.01	0.05	0.04	0.03	0.03
40357160 CRD		<0.02			70.8	15.35	1.38	2.00	1.42	5.76	2.45	<0.01	0.05	0.04	0.02	0.03
40357161		1.12			42.5	2.35	12.25	2.27	30.1	0.12	0.42	0.51	0.09	0.20	0.03	<0.01
40357162		1.48			55.1	16.75	4.81	2.81	5.85	4.94	4.44	0.03	0.32	0.12	0.03	0.03
40357163		2.75			39.0	2.07	12.20	3.26	30.7	0.06	0.22	0.48	0.09	0.25	0.02	<0.01
40357164		3.39			38.2	1.97	13.00	1.11	34.0	0.07	0.15	0.54	0.10	0.19	0.03	<0.01
40357165		3.04			38.8	2.42	12.30	2.21	31.7	0.04	0.77	0.52	0.09	0.21	0.01	<0.01
40357166		0.87			47.1	6.34	7.21	0.85	24.9	0.10	3.13	0.09	0.37	0.39	0.04	<0.01
40357167		3.32			68.9	14.90	1.26	1.24	2.36	4.28	5.58	<0.01	0.06	0.07	0.01	0.02
40357168		3.08			68.8	16.10	0.87	1.24	1.54	4.71	6.52	<0.01	0.03	0.03	0.01	0.01
40357169		2.99			63.6	18.05	0.99	2.12	1.20	6.26	6.14	<0.01	0.04	0.03	0.01	0.01
40357170		1.42			58.8	17.80	7.20	5.82	2.31	3.91	2.52	<0.01	1.00	0.11	0.33	0.05
40357171		2.76			46.6	4.36	10.55	9.32	22.7	0.34	0.51	0.31	0.23	0.16	0.03	<0.01
40357172		3.55			46.3	4.85	11.00	8.25	23.4	0.50	1.00	0.33	0.28	0.14	0.03	<0.01
40357173		3.30			46.0	4.84	11.20	8.45	23.9	0.38	0.60	0.32	0.30	0.17	0.02	<0.01
40357174		3.63			45.8	5.47	10.55	8.37	22.8	0.95	0.48	0.30	0.28	0.16	0.02	<0.01
40357175		3.65			45.2	5.05	11.00	8.27	23.6	0.53	0.62	0.30	0.29	0.18	0.04	<0.01
40357176		2.53			44.6	4.60	11.25	8.87	24.4	0.62	0.26	0.32	0.30	0.18	0.02	<0.01
40357177		2.57			44.8	4.55	11.50	9.06	24.6	0.62	0.27	0.32	0.28	0.18	0.03	<0.01
40357178		2.55			44.3	4.50	11.15	8.87	24.0	0.55	0.40	0.31	0.26	0.18	0.03	<0.01
40357179		2.48			76.3	13.45	1.44	0.81	0.46	3.55	5.11	<0.01	0.04	0.05	0.02	<0.01
40357180		0.11			39.4	5.75	16.00	3.88	23.7	0.70	0.23	0.28	0.44	0.15	0.04	<0.01
40357181		2.41			70.8	14.00	2.83	1.31	0.95	3.73	4.44	0.01	0.19	0.07	0.06	0.01
40357181 CRD		<0.02			72.0	14.20	2.92	1.33	0.97	3.78	4.47	0.01	0.19	0.07	0.07	<0.01
40357182		3.28		85.8	77.9	13.30	0.93	1.21	0.13	4.01	3.91	<0.01	0.03	0.01	0.01	<0.01
40357183		3.22	72.5	86.7	64.2	15.25	6.07	2.45	2.45	3.83	2.89	0.02	0.52	0.09	0.14	0.02
40357184		2.63			71.5	14.20	3.88	1.70	1.59	3.31	4.33	0.01	0.32	0.05	0.08	0.03
40357185		2.85			69.0	15.00	4.20	2.87	2.13	3.34	3.27	0.01	0.38	0.06	0.11	0.05
40357186		2.72			68.5	14.60	4.96	2.69	2.32	3.31	2.87	0.02	0.43	0.07	0.11	0.04
40357187		3.46			67.2	14.60	5.26	1.49	2.37	3.70	3.05	0.02	0.42	0.06	0.12	0.02
40357188		4.35			65.7	15.35	5.95	2.59	2.87	3.70	2.78	0.02	0.52	0.08	0.14	0.03
40357189		1.20			70.2	15.50	3.22	1.17	1.28	3.78	5.09	0.01	0.22	0.04	0.08	0.03
40357190		1.37			68.4	15.00	3.74	1.09	1.44	3.66	4.61	0.01	0.26	0.04	0.09	0.03
40357191		3.08			66.4	15.65	5.96	2.51	2.87	3.99	2.63	0.02	0.50	0.08	0.14	0.03
40357192		3.88			73.8	12.25	1.68	0.31	0.47	3.81	4.32	<0.01	0.06	0.01	0.02	<0.01
40357193		2.82			75.9	12.35	1.57	0.32	0.45	3.66	4.28	<0.01	0.05	0.01	0.02	0.01

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01	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
40357156		0.03	99.72	2.76	0.33	0.01	222	31.2	20	8.75	1.57	0.61	0.40	22.8	2.22	2.7
40357157		0.11	99.83	2.00	0.02	0.01	946	35.9	180	36.8	3.25	1.75	0.97	19.5	4.02	2.0
40357158		0.08	98.18	2.77	0.04	0.01	711	72.6	60	26.5	3.92	1.46	0.38	23.5	5.92	2.0
40357159		0.03	100.14	0.70	0.03	0.01	243	104.5	20	5.42	4.25	1.56	0.33	22.4	7.44	2.2
40357160		0.03	101.16	0.82	0.06	0.01	276	90.3	20	5.03	3.75	1.40	0.40	21.9	6.14	2.2
40357160 CRD		0.03	100.09	0.76	0.06	0.01	259	87.0	20	4.91	3.58	1.30	0.32	20.2	6.34	2.0
40357161		<0.01	99.07	8.23	0.21	0.06	10.0	3.6	3930	6.72	0.63	0.42	0.10	5.5	0.63	0.2
40357162		0.04	98.73	3.46	0.29	<0.01	349	73.8	250	24.1	3.43	1.32	0.45	25.2	6.00	4.0
40357163		<0.01	98.95	10.60	0.42	0.06	9.7	3.1	3760	3.21	0.47	0.30	0.12	4.3	0.54	0.2
40357164		<0.01	100.26	10.90	0.06	0.07	11.0	3.2	4040	2.17	0.39	0.21	0.12	3.0	0.46	0.2
40357165		<0.01	99.97	10.90	0.35	0.12	21.3	3.2	3870	13.00	0.37	0.22	0.10	4.1	0.44	0.2
40357166		0.02	98.57	8.03	0.12	0.01	138.5	8.6	670	54.0	0.53	0.22	0.11	21.6	0.92	0.7
40357167		0.07	100.61	1.86	0.17	<0.01	663	33.0	30	3.87	1.17	0.43	0.49	17.0	2.09	4.4
40357168		0.08	101.78	1.84	0.25	<0.01	671	68.6	10	3.23	1.93	0.68	0.58	17.0	3.54	4.6
40357169		0.07	100.81	2.29	0.46	0.01	610	94.0	10	2.60	2.50	0.73	0.65	17.3	5.15	4.4
40357170		0.10	100.27	0.32	0.05	0.10	862	72.8	30	1.32	7.46	4.22	1.86	22.6	8.45	7.4
40357171		0.01	100.03	4.91	0.30	0.34	54.1	7.2	2360	36.1	1.25	0.72	0.38	6.9	1.20	0.4
40357172		0.02	100.96	4.86	0.04	0.30	135.5	7.2	2490	43.6	1.18	0.65	0.35	5.9	1.37	0.5
40357173		<0.01	100.91	4.73	0.04	0.17	33.5	6.4	2350	9.96	1.23	0.77	0.35	6.1	1.30	0.5
40357174		0.01	99.56	4.37	0.04	0.10	79.0	8.4	2230	1.89	1.77	1.02	0.34	6.5	1.68	0.5
40357175		0.01	99.63	4.54	0.05	0.11	71.2	5.9	2280	4.66	1.24	0.68	0.38	7.2	1.22	0.4
40357176		0.01	99.79	4.36	0.05	0.10	60.8	5.4	2320	0.48	1.25	0.64	0.41	5.3	1.31	0.4
40357177		0.01	100.11	3.89	0.05	0.10	63.8	6.1	2400	0.42	1.08	0.64	0.39	5.3	1.26	0.4
40357178		0.01	98.65	4.09	0.08	0.11	56.1	5.7	2300	1.51	1.25	0.58	0.33	5.4	1.22	0.4
40357179		0.03	101.53	0.27	0.01	0.03	229	23.4	30	1.61	1.93	1.08	0.33	17.4	1.68	1.9
40357180		0.01	99.46	8.88	0.15	2.44	94.8	9.6	2040	0.75	1.35	0.74	0.43	7.5	1.41	0.8
40357181		0.03	98.69	0.26	0.01	0.02	254	33.6	60	3.64	2.43	1.47	0.38	18.8	2.60	2.5
40357181 CRD		0.03	100.31	0.27	0.02	0.02	271	35.4	60	3.90	2.52	1.63	0.40	19.6	2.74	2.6
40357182		0.03	101.54	0.07	0.01	0.01	269	30.8	20	0.79	1.18	0.46	0.35	15.5	1.84	2.4
40357183		0.07	98.70	0.70	0.02	0.12	584	69.0	150	6.88	2.76	1.31	0.97	20.1	4.17	3.1
40357184		0.06	101.46	0.40	0.01	0.07	510	59.5	80	3.83	2.09	0.90	0.70	16.9	3.24	2.8
40357185		0.06	100.91	0.43	0.02	0.07	505	39.8	90	3.72	1.62	0.88	0.76	16.1	1.96	2.9
40357186		0.06	100.44	0.46	0.15	0.10	526	44.7	120	4.47	2.08	1.09	0.82	17.7	2.69	3.7
40357187		0.06	99.50	1.13	0.01	0.05	530	44.7	120	4.25	2.10	1.08	0.80	19.3	2.93	3.3
40357188		0.07	100.51	0.71	0.02	0.07	589	77.6	180	6.47	2.79	1.39	1.06	20.3	4.30	3.7
40357189		0.07	101.42	0.73	0.02	0.04	584	42.0	60	3.44	1.90	0.87	0.62	18.0	2.24	2.7
40357190		0.07	99.35	0.91	0.02	0.05	534	35.3	60	3.10	1.59	0.73	0.61	16.4	1.85	2.4
40357191		0.07	101.71	0.86	0.02	0.11	607	39.3	170	6.92	2.11	1.13	0.99	19.2	2.46	3.1
40357192		0.04	99.16	2.39	0.02	0.07	344	44.2	30	1.76	2.56	1.10	0.53	15.3	3.54	1.5
40357193		0.04	99.19	0.53	0.02	0.03	1015	52.2	180	1.84	1.83	0.89	0.92	19.7	2.79	3.6

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	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
40357156		0.25	15.5	0.07	8.3	13.5	3.42	109.0	3.12	2	221	0.5	0.32	14.40	0.08	25.0
40357157		0.66	16.0	0.25	9.1	21.6	4.70	242	4.51	7	515	1.0	0.56	2.87	0.25	1.58
40357158		0.59	34.2	0.12	17.9	32.6	8.49	203	7.73	5	356	1.1	0.81	23.8	0.17	11.05
40357159		0.66	49.7	0.23	8.5	44.0	12.00	63.5	10.05	2	250	1.8	0.90	43.4	0.23	20.1
40357160		0.61	42.5	0.16	6.3	38.3	10.30	66.8	8.39	2	268	1.2	0.81	37.6	0.18	12.85
40357160 CRD		0.58	41.5	0.18	6.2	36.7	9.88	63.3	8.49	2	248	1.1	0.78	35.4	0.18	13.00
40357161		0.12	1.9	0.05	1.5	2.5	0.52	34.0	0.61	1	24.1	0.2	0.09	0.32	0.07	0.34
40357162		0.56	34.5	0.14	25.3	32.8	8.76	202	7.37	7	335	2.0	0.74	26.1	0.16	22.5
40357163		0.13	1.4	0.05	1.1	1.9	0.45	16.6	0.42	1	48.0	0.1	0.07	0.24	0.04	0.14
40357164		0.10	1.5	0.04	0.4	1.8	0.44	7.9	0.38	1	12.3	<0.1	0.06	0.24	0.04	0.08
40357165		0.08	1.4	0.03	1.0	2.0	0.42	53.1	0.48	1	23.1	0.1	0.06	0.17	0.04	0.07
40357166		0.09	4.2	0.03	19.3	4.8	1.19	249	1.12	7	12.2	2.8	0.10	4.38	0.02	1.91
40357167		0.18	14.8	0.06	2.8	13.1	3.52	136.0	2.82	1	189.0	0.1	0.24	11.75	0.07	10.25
40357168		0.29	32.1	0.09	1.5	27.5	7.59	163.0	5.71	1	179.0	0.1	0.48	27.2	0.09	11.55
40357169		0.39	44.2	0.10	2.6	37.9	10.70	149.0	7.30	1	172.0	0.3	0.64	40.1	0.10	13.60
40357170		1.55	31.6	0.55	14.0	41.3	9.75	95.9	9.46	3	577	0.8	1.27	5.09	0.60	1.55
40357171		0.20	3.0	0.09	1.2	5.0	1.09	57.4	1.31	4	70.9	0.1	0.17	0.25	0.09	0.41
40357172		0.26	2.8	0.09	1.1	5.5	1.10	123.5	1.26	4	73.3	0.1	0.18	0.37	0.10	0.22
40357173		0.31	2.4	0.12	1.6	5.0	0.97	44.3	1.35	2	64.5	0.2	0.22	0.38	0.12	0.30
40357174		0.38	3.2	0.17	1.0	5.8	1.18	17.8	1.68	<1	87.5	0.2	0.29	1.50	0.14	1.62
40357175		0.24	2.2	0.11	2.9	4.6	0.90	34.7	1.18	1	76.3	0.5	0.18	0.27	0.11	0.11
40357176		0.27	2.0	0.08	0.4	4.5	0.83	5.5	1.27	<1	81.9	<0.1	0.21	0.18	0.09	0.06
40357177		0.26	2.3	0.10	0.4	5.0	0.93	6.0	1.36	<1	87.8	<0.1	0.19	0.21	0.10	0.07
40357178		0.24	2.2	0.10	0.7	4.6	0.90	18.5	1.24	<1	69.8	0.1	0.19	0.22	0.09	0.46
40357179		0.37	12.0	0.15	4.8	8.9	2.62	105.0	2.03	<1	101.5	0.1	0.30	10.90	0.17	12.55
40357180		0.24	4.6	0.09	2.1	5.5	1.23	5.8	1.22	2	106.5	0.1	0.23	0.86	0.09	0.21
40357181		0.52	16.9	0.24	9.7	13.5	3.82	122.5	3.14	1	129.5	0.5	0.42	12.05	0.22	12.05
40357181 CRD		0.48	17.8	0.25	10.3	14.1	3.98	129.5	3.18	1	135.0	0.6	0.44	12.45	0.26	13.25
40357182		0.20	15.6	0.06	1.9	11.9	3.38	76.0	2.37	<1	109.5	0.1	0.22	13.55	0.05	14.25
40357183		0.51	34.0	0.17	7.2	30.0	8.06	126.5	5.52	2	252	0.5	0.55	14.60	0.18	6.65
40357184		0.34	29.4	0.11	5.9	25.0	6.64	134.5	4.54	2	270	0.4	0.40	20.9	0.12	27.9
40357185		0.32	19.2	0.12	4.1	16.9	4.56	89.6	3.04	1	427	0.3	0.31	8.57	0.14	6.40
40357186		0.40	22.2	0.15	5.0	19.7	4.99	109.5	3.35	1	410	0.4	0.36	8.15	0.16	14.20
40357187		0.40	21.5	0.15	6.4	19.7	5.15	103.5	3.62	2	276	0.5	0.36	7.60	0.16	7.05
40357188		0.55	38.3	0.19	6.0	34.4	8.94	105.5	6.05	1	357	0.5	0.58	17.20	0.20	8.00
40357189		0.36	20.8	0.09	3.1	17.5	4.73	110.0	3.26	1	284	0.2	0.36	14.30	0.12	31.4
40357190		0.29	18.0	0.09	3.7	14.3	3.93	97.2	2.65	1	249	0.3	0.29	12.30	0.10	24.4
40357191		0.42	19.6	0.16	4.9	17.9	4.62	89.3	3.07	1	417	0.4	0.38	6.57	0.16	6.03
40357192		0.46	19.7	0.14	2.9	20.9	5.51	87.9	4.55	2	75.3	0.4	0.49	24.7	0.15	8.98
40357193		0.33	26.6	0.13	5.7	22.6	6.01	62.2	3.81	1	251	0.5	0.35	8.11	0.16	5.88

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	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
40357156		14	1	6.8	0.51	70	<0.1	0.11	<0.005	0.011	<0.001	<0.05	<0.2	<0.01	0.21	0.02
40357157		189	1	17.3	1.65	74	0.2	0.36	<0.005	0.030	<0.001	<0.05	0.2	<0.01	1.23	0.12
40357158		73	1	15.6	1.06	59	0.1	0.08	<0.005	0.040	<0.001	<0.05	0.2	<0.01	1.14	0.04
40357159		6	1	17.5	1.46	45	0.4	1.03	<0.005	0.012	<0.001	<0.05	0.2	<0.01	0.22	0.03
40357160		5	2	16.1	1.13	46	0.3	1.20	<0.005	0.011	<0.001	<0.05	<0.2	<0.01	0.16	0.08
40357160 CRD		<5	1	15.0	1.15	48	0.2	1.31	<0.005	0.014	<0.001	<0.05	<0.2	<0.01	0.17	0.12
40357161		57	1	3.6	0.39	6	2.6	0.40	<0.005	0.013	<0.001	<0.05	<0.2	0.02	0.47	0.06
40357162		24	1	13.0	0.92	99	0.1	0.05	<0.005	0.039	<0.001	<0.05	<0.2	0.01	0.88	<0.01
40357163		54	2	2.6	0.28	7	1.0	0.55	<0.005	0.015	<0.001	<0.05	0.2	0.02	0.29	0.08
40357164		57	<1	2.2	0.29	7	0.1	0.60	<0.005	0.007	<0.001	<0.05	0.2	0.02	0.22	0.10
40357165		53	1	2.1	0.22	8	0.1	0.19	0.010	0.015	<0.001	<0.05	0.2	<0.01	2.23	0.05
40357166		65	20	2.4	0.17	18	0.2	0.02	<0.005	0.042	0.002	<0.05	0.2	<0.01	1.74	1.58
40357167		7	1	5.3	0.35	112	0.8	0.05	<0.005	0.006	<0.001	<0.05	<0.2	<0.01	0.10	0.05
40357168		5	2	8.6	0.60	119	0.5	0.02	0.008	<0.005	<0.001	<0.05	0.2	<0.01	0.02	0.02
40357169		5	1	10.6	0.82	117	0.7	0.01	<0.005	0.007	<0.001	<0.05	<0.2	<0.01	0.02	0.01
40357170		125	<1	39.0	4.11	278	0.4	0.02	<0.005	0.029	<0.001	<0.05	0.2	<0.01	0.35	0.04
40357171		134	2	5.6	0.69	13	0.9	1.87	0.005	0.007	<0.001	0.05	0.4	0.03	0.72	0.11
40357172		145	5	6.0	0.64	13	0.2	1.05	0.006	<0.005	<0.001	<0.05	0.4	0.04	1.22	0.10
40357173		151	2	6.8	0.71	13	0.4	0.95	0.005	0.007	<0.001	<0.05	0.3	0.02	0.53	0.06
40357174		144	1	9.7	1.03	15	0.1	0.18	<0.005	0.005	<0.001	<0.05	0.3	0.02	0.29	0.05
40357175		146	1	6.6	0.68	12	0.3	0.32	<0.005	0.006	<0.001	<0.05	0.3	0.02	0.40	0.05
40357176		147	5	6.1	0.68	11	0.1	0.04	<0.005	0.005	<0.001	<0.05	0.3	0.02	0.10	0.04
40357177		147	1	5.9	0.65	12	0.1	0.05	<0.005	0.005	<0.001	<0.05	0.2	0.02	0.07	0.05
40357178		133	4	6.3	0.70	11	0.2	0.38	<0.005	<0.005	<0.001	<0.05	0.2	0.03	0.21	0.08
40357179		<5	1	10.2	1.22	39	0.9	0.26	<0.005	<0.005	<0.001	<0.05	<0.2	0.02	0.09	0.04
40357180		117	<1	6.4	0.63	31	8.3	0.99	0.009	0.062	0.011	0.24	9.5	2.09	0.09	2.37
40357181		28	1	15.4	1.62	65	0.8	0.34	<0.005	0.024	<0.001	<0.05	0.2	0.01	0.44	0.05
40357181 CRD		32	1	15.6	1.91	72	0.8	0.32	<0.005	0.023	<0.001	<0.05	<0.2	0.02	0.43	0.05
40357182		<5	1	5.1	0.45	57	0.3	0.04	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.05	0.05
40357183		101	2	13.6	1.19	107	0.7	0.26	<0.005	0.041	0.002	<0.05	0.3	0.02	0.82	0.09
40357184		49	1	9.5	0.75	91	0.6	0.06	<0.005	0.027	<0.001	<0.05	0.3	0.02	0.56	0.06
40357185		60	1	8.0	0.90	102	0.4	0.12	<0.005	0.020	<0.001	<0.05	0.2	0.02	0.43	0.07
40357186		79	3	10.4	1.10	126	0.1	0.13	<0.005	0.027	<0.001	<0.05	0.2	0.02	0.63	0.08
40357187		81	1	10.4	0.97	112	1.3	0.12	<0.005	0.029	<0.001	<0.05	0.7	0.01	0.40	0.10
40357188		104	1	13.7	1.36	130	0.8	0.19	<0.005	0.034	0.001	<0.05	0.2	0.03	0.61	0.09
40357189		37	1	9.3	0.80	73	1.3	0.26	0.005	0.013	<0.001	<0.05	<0.2	0.02	0.21	0.05
40357190		38	5	7.4	0.66	73	1.4	0.60	0.005	0.017	0.002	<0.05	0.3	0.02	0.22	0.06
40357191		101	1	10.4	1.20	118	1.3	0.20	<0.005	0.026	0.001	<0.05	0.2	0.04	0.49	0.09
40357192		8	1	11.8	1.13	34	1.2	0.22	<0.005	0.031	0.001	<0.05	0.2	0.02	0.17	0.06
40357193		108	2	9.5	1.07	131	0.7	0.93	<0.005	0.005	0.001	<0.05	<0.2	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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2	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
40357156		<0.02	6.4	12.0	64.1	0.24	14.0	26.3	4.6	26	0.006	<0.0005	0.001
40357157		0.16	47.2	86.3	201	0.19	101.5	12.5	31.2	102	0.002	0.0019	0.002
40357158		0.05	18.4	33.7	150.0	0.46	32.3	26.4	14.6	93	0.002	0.0006	0.001
40357159		0.04	2.5	20.1	34.6	0.83	6.5	47.5	4.0	23	0.002	<0.0005	<0.001
40357160		0.03	2.2	35.8	28.8	1.14	5.3	46.9	2.8	19	0.002	<0.0005	<0.001
40357160 CRD		0.04	2.2	52.3	29.7	0.71	5.1	50.6	2.9	19	0.002	<0.0005	<0.001
40357161		0.12	120.5	64.4	18.6	0.17	900	1.1	11.4	107	0.003	0.0181	0.016
40357162		0.02	15.9	3.1	153.0	0.18	85.9	28.2	15.5	76	0.002	0.0011	0.001
40357163		0.11	123.0	102.5	11.6	0.07	918	0.7	11.8	101	0.004	0.0203	0.016
40357164		0.05	133.5	158.5	3.9	0.05	998	0.7	12.0	72	0.004	0.0250	0.019
40357165		0.05	128.0	28.5	14.0	0.11	946	1.0	10.6	71	0.002	0.0175	0.015
40357166		<0.02	27.2	7.8	394	<0.05	142.0	1.5	13.9	101	0.002	0.0027	0.002
40357167		<0.02	1.8	1.9	30.9	0.66	5.2	43.9	2.4	18	0.002	<0.0005	<0.001
40357168		<0.02	1.3	1.1	19.8	0.47	3.5	36.1	1.9	6	0.001	<0.0005	<0.001
40357169		0.02	1.9	1.2	21.3	0.41	5.6	39.9	2.6	11	0.001	<0.0005	<0.001
40357170		0.08	16.8	16.0	21.4	0.98	11.6	12.2	15.8	90	0.002	<0.0005	<0.001
40357171		0.31	94.3	178.5	11.8	0.54	561	39.8	32.6	80	0.008	0.0107	0.010
40357172		0.15	97.8	141.0	10.6	0.33	582	1.9	34.4	64	0.004	0.0119	0.011
40357173		0.14	96.1	130.0	16.1	0.21	567	1.2	34.5	68	0.003	0.0121	0.010
40357174		0.06	90.3	117.0	14.6	0.10	527	2.9	33.1	60	0.004	0.0099	0.009
40357175		0.09	93.0	129.5	20.8	0.13	556	0.9	33.2	69	0.004	0.0112	0.010
40357176		0.06	93.8	129.5	5.1	0.09	557	0.5	33.6	63	0.005	0.0116	0.010
40357177		0.06	98.2	159.5	5.1	0.20	583	0.6	34.2	67	0.005	0.0117	0.010
40357178		0.09	99.5	161.0	6.4	0.31	596	0.6	34.5	70	0.005	0.0116	0.011
40357179		0.06	1.6	2.6	16.7	1.30	6.0	39.5	2.1	17	0.005	<0.0005	<0.001
40357180		0.61	206	5420	15.3	2.76	7340	16.5	15.4	74	0.187	0.402	0.248
40357181		0.06	6.2	13.7	27.5	1.30	22.8	31.0	5.6	54	0.004	<0.0005	<0.001
40357181 CRD		0.06	6.4	11.6	28.6	1.37	20.7	31.6	5.9	56	0.003	<0.0005	<0.001
40357182		0.05	0.8	2.3	8.9	2.23	2.0	45.3	1.2	8	0.002	<0.0005	<0.001
40357183		0.15	19.7	34.9	52.4	2.14	64.8	19.2	14.5	90	0.002	0.0013	0.001
40357184		0.09	9.8	22.5	29.3	1.94	29.2	40.4	8.0	66	0.001	0.0006	0.001
40357185		0.07	13.1	26.8	31.0	1.50	37.6	26.1	8.6	73	0.002	0.0007	0.001
40357186		0.08	15.5	39.4	35.2	1.64	47.1	25.6	10.5	75	0.001	0.0009	0.001
40357187		0.07	14.0	31.9	45.6	1.96	47.4	22.5	10.1	77	0.002	0.0009	0.001
40357188		0.12	19.0	43.3	39.7	1.90	65.2	22.8	12.6	96	0.002	0.0012	0.001
40357189		0.05	7.1	12.9	28.8	1.51	22.8	38.8	5.6	47	0.002	0.0005	0.001
40357190		0.05	7.4	13.9	34.6	1.56	23.1	36.5	6.6	56	<0.001	0.0005	0.001
40357191		0.10	19.8	45.8	38.9	3.73	69.4	19.2	12.7	87	<0.001	0.0013	0.001
40357192		0.04	17.9	40.3	133.0	1.52	69.5	15.0	13.1	81	<0.001	0.0014	0.002
40357193		0.04	2.9	17.7	12.0	1.72	7.0	29.4	2.1	14	<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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01
40356913		2.55			65.1	12.15	2.16	3.66	6.47	2.79	3.70	0.02	0.07	0.20	0.04	0.01
40356914		2.28			61.8	14.05	6.98	2.59	3.06	3.43	2.85	0.02	0.43	0.14	0.12	0.02
40356915		1.68			65.0	14.90	6.27	2.52	2.77	3.45	2.55	0.02	0.53	0.09	0.13	0.03
40356916		0.53			77.9	12.75	1.81	0.67	0.45	3.59	4.22	0.01	0.10	0.02	0.01	0.01
40356917		1.57			65.1	15.05	6.14	2.16	2.51	3.80	2.50	0.02	0.52	0.08	0.13	0.03
40356918		0.68			75.0	13.45	2.08	0.42	0.61	3.99	4.09	<0.01	0.11	0.02	<0.01	0.01
40356919		3.43			64.5	16.20	7.33	1.90	3.00	4.04	2.44	0.02	0.60	0.08	0.15	0.03
40356919 CRD		<0.02			64.7	15.85	7.27	1.87	2.99	4.05	2.42	0.02	0.58	0.08	0.17	0.02
40356920		1.40			54.6	18.35	8.35	6.45	2.89	3.95	2.27	0.01	1.13	0.13	0.38	0.06
40356921		1.52			74.1	12.95	2.22	0.17	0.61	3.25	5.52	<0.01	0.07	0.02	0.04	0.01
40356922		3.93			65.0	14.95	6.13	1.90	2.89	3.14	2.88	0.02	0.44	0.06	0.14	0.03
40356923		3.50			63.7	14.80	7.44	1.65	3.02	3.17	3.16	0.02	0.48	0.10	0.14	0.02
40356924		3.69			64.5	15.50	5.67	2.24	2.60	3.75	2.84	0.02	0.50	0.07	0.16	0.04
40356925		2.74			67.0	15.40	4.50	2.19	1.91	4.19	2.93	0.01	0.42	0.07	0.14	0.04
40356926		0.95			73.8	13.65	1.10	0.78	0.24	3.43	5.40	<0.01	0.05	0.01	0.02	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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-ICP06 BaO % 0.01	TOT-ICP06 Total % 0.01	OA-GRA05 LOI % 0.01	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
40356913		0.04	99.94	3.53	0.20	0.02	366	30.3	130	2.98	1.38	0.61	0.48	15.1	1.97	3.4
40356914		0.07	98.19	2.63	0.34	0.38	605	42.2	130	5.28	2.27	1.19	0.71	17.0	2.82	2.9
40356915		0.07	99.09	0.76	0.02	0.13	586	45.0	170	4.62	2.00	1.17	0.94	17.9	2.63	3.3
40356916		0.05	101.87	0.28	0.02	0.03	398	16.9	40	1.83	0.77	0.39	0.50	14.9	1.26	2.9
40356917		0.06	99.26	1.16	0.02	0.14	527	53.4	150	4.36	2.15	1.08	0.89	17.9	3.04	3.5
40356918		0.05	100.41	0.58	0.02	0.05	398	30.8	30	1.29	1.61	0.61	0.68	16.0	2.16	2.5
40356919		0.07	101.80	1.44	0.01	0.11	519	48.8	160	3.87	2.16	1.24	0.93	18.2	2.98	3.2
40356919 CRD		0.07	101.53	1.44	0.01	0.11	544	49.7	160	4.06	2.51	1.34	0.99	18.9	2.75	3.2
40356920		0.09	99.00	0.34	0.05	0.12	843	76.9	40	1.39	7.54	4.06	2.11	27.0	8.51	6.5
40356921		0.07	99.65	0.62	0.01	0.02	595	70.2	20	1.63	3.86	2.04	1.14	14.3	4.47	7.1
40356922		0.07	98.99	1.34	0.02	0.07	634	48.1	110	4.69	1.97	1.14	0.80	19.9	2.79	3.6
40356923		0.06	99.40	1.64	0.07	0.14	573	43.9	150	5.09	2.52	1.30	0.98	21.6	2.74	3.4
40356924		0.08	99.08	1.11	0.03	0.13	684	59.1	120	4.92	2.28	1.06	0.93	21.8	3.16	3.6
40356925		0.07	99.40	0.53	0.03	0.12	647	53.4	90	5.30	1.89	0.79	0.87	23.4	2.66	4.2
40356926		0.07	98.76	0.19	0.01	0.02	668	44.1	20	1.37	1.24	0.31	0.59	17.1	2.01	2.4

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	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
40356913		0.25	14.9	0.06	4.0	11.7	3.42	87.3	2.55	1	176.0	0.3	0.27	10.20	0.07	5.72
40356914		0.43	21.7	0.16	4.1	18.0	4.79	97.2	3.18	1	234	0.3	0.38	6.67	0.17	5.82
40356915		0.37	21.9	0.18	5.3	19.5	5.18	87.0	3.45	1	385	0.4	0.37	7.32	0.14	2.86
40356916		0.13	8.5	0.05	3.8	6.7	1.95	94.6	1.40	1	170.5	0.2	0.15	7.23	0.04	22.6
40356917		0.41	27.5	0.14	6.3	22.8	6.10	93.1	4.15	1	264	0.5	0.39	9.84	0.15	10.35
40356918		0.24	14.7	0.06	4.2	13.0	3.52	86.8	2.72	1	174.5	0.2	0.27	17.15	0.08	54.9
40356919		0.46	24.3	0.17	5.8	21.2	5.47	84.7	3.66	1	252	0.5	0.41	5.65	0.18	6.44
40356919 CRD		0.50	25.5	0.17	6.2	22.0	5.70	88.0	3.73	1	264	0.6	0.45	6.44	0.19	6.67
40356920		1.51	33.4	0.55	15.6	44.8	10.20	101.0	9.21	5	608	0.8	1.33	4.44	0.61	1.65
40356921		0.77	32.9	0.33	2.7	29.5	7.91	112.5	5.53	1	149.0	0.1	0.65	34.0	0.34	16.65
40356922		0.39	23.9	0.13	6.0	21.3	5.56	106.5	3.87	1	338	0.5	0.38	8.66	0.16	7.50
40356923		0.45	21.2	0.20	6.5	19.4	5.15	103.5	3.67	3	268	0.5	0.45	7.53	0.20	15.30
40356924		0.44	30.0	0.17	6.1	26.8	6.92	92.5	4.41	2	406	0.6	0.45	8.03	0.17	3.72
40356925		0.29	26.3	0.14	7.3	23.6	6.35	129.0	3.90	2	415	0.5	0.36	8.63	0.14	5.34
40356926		0.19	21.7	0.04	1.9	17.8	4.96	114.5	3.25	<1	239	0.1	0.28	18.75	0.06	29.1

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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
40356913		7	2	6.4	0.51	93	3.3	0.04	<0.005	0.011	0.002	<0.05	0.2	0.01	0.16	0.06
40356914		80	1	10.5	1.25	111	36.1	0.16	<0.005	0.029	0.001	0.34	0.5	0.01	0.48	0.30
40356915		102	3	9.9	1.21	126	8.0	0.16	0.007	0.033	0.003	0.13	<0.2	0.04	0.70	0.09
40356916		16	1	4.0	0.31	73	4.6	0.03	<0.005	0.011	0.001	<0.05	<0.2	0.01	0.20	0.03
40356917		93	1	10.3	0.98	117	7.5	0.15	0.005	0.034	0.002	0.09	<0.2	0.02	0.51	0.13
40356918		13	1	6.5	0.41	72	20.0	0.04	0.006	0.015	0.004	0.15	0.2	0.02	0.09	0.13
40356919		107	1	11.4	1.30	114	3.9	0.18	<0.005	0.039	0.002	0.08	0.4	0.02	0.41	0.10
40356919 CRD		113	2	12.4	1.41	114	4.0	0.19	0.006	0.037	0.002	0.08	0.3	0.02	0.45	0.10
40356920		155	1	39.6	3.38	282	0.2	0.01	<0.005	0.033	0.001	<0.05	<0.2	0.02	0.36	0.02
40356921		14	1	19.9	2.19	200	19.9	0.09	0.009	0.009	0.001	0.25	<0.2	<0.01	0.03	0.17
40356922		83	2	9.9	1.07	132	2.8	0.15	<0.005	0.029	0.001	<0.05	0.6	0.02	0.39	0.07
40356923		98	2	12.5	1.24	129	3.4	0.17	<0.005	0.036	0.002	0.06	0.7	0.03	0.41	0.17
40356924		93	1	11.4	1.14	134	1.7	0.12	<0.005	0.028	0.001	<0.05	0.2	0.02	0.36	0.12
40356925		69	1	8.8	0.71	144	0.4	0.07	<0.005	0.033	0.002	<0.05	0.3	0.02	0.64	0.10
40356926		7	3	4.6	0.25	63	0.4	0.08	<0.005	<0.005	<0.001	<0.05	<0.2	0.01	0.06	0.16

***** 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-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cd ppm 0.02	ME-MS61 Co ppm 0.1	ME-MS61 Cu ppm 0.2	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
40356913		0.04	5.9	6.7	48.4	0.87	36.3	28.1	2.4	25	<0.001	0.0009	0.001
40356914		0.86	27.3	28.2	114.0	2.05	78.8	41.6	10.7	374	<0.001	0.0010	0.001
40356915		0.13	21.4	48.4	63.9	1.96	68.2	18.0	12.7	99	0.001	0.0012	0.001
40356916		0.06	3.1	7.4	15.2	1.73	11.6	39.8	2.8	38	<0.001	<0.0005	0.001
40356917		0.14	18.6	46.8	69.1	1.63	62.7	23.5	12.6	113	0.001	0.0011	0.001
40356918		0.27	6.1	13.3	21.5	1.29	25.2	49.6	3.2	100	<0.001	<0.0005	<0.001
40356919		0.06	22.3	46.0	66.0	1.89	74.9	17.9	15.1	102	<0.001	0.0015	0.002
40356919 CRD		0.07	22.0	47.9	65.3	1.59	73.8	17.9	14.8	97	<0.001	0.0015	0.002
40356920		0.10	20.1	20.0	22.2	1.04	15.9	11.9	17.4	108	<0.001	<0.0005	<0.001
40356921		0.09	9.1	30.3	23.1	0.83	32.7	35.2	3.2	53	<0.001	<0.0005	<0.001
40356922		0.08	14.7	27.0	63.0	2.46	45.8	19.9	9.9	74	<0.001	0.0009	0.001
40356923		0.07	17.9	47.3	76.2	1.46	58.7	24.0	11.9	91	<0.001	0.0014	0.001
40356924		0.09	16.3	36.9	44.5	1.36	53.5	16.2	11.0	85	<0.001	0.0009	0.001
40356925		0.06	11.9	30.1	29.9	1.28	36.9	19.0	8.7	72	<0.001	0.0006	0.001
40356926		0.04	1.3	4.6	8.0	1.58	3.6	56.6	1.3	12	0.002	<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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

CERTIFICATE OF ANALYSIS TB18081396

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-MS42	ME-MS61
ME-MS81	OA-GRA05	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-MAY-2018
Account: KAV

QC CERTIFICATE TB18081396

Project: EB80004236

P.O. No.: 3103094877

This report is for 175 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 11-APR-2018.

The following have access to data associated with this certificate:

RTXAMRNA ASSAY RESULTS JUSTIN LABERGE	RACHELLE BOULANGER	SUE DRIEBERG

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

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

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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
AMIS0085															98.81	
AMIS0085		70.9	10.65	3.34	3.16	1.71	1.70	4.65	0.077	0.21	0.06	0.06	0.01	0.04	99.11	
AMIS0085		71.9	11.10	3.53	3.30	1.76	1.77	4.84	0.080	0.22	0.07	0.07	<0.01	0.04	101.22	
AMIS0085		72.5	10.85	3.46	3.29	1.78	1.71	4.67	0.078	0.21	0.07	0.07	0.01	0.04	101.28	
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		89.8	2.33	3.30	0.12	0.23	0.08	0.49	0.058	0.14	0.02	0.02	<0.01	0.01	98.22	
AMIS0167		93.1	2.43	3.40	0.13	0.23	0.09	0.50	0.058	0.14	0.02	0.03	<0.01	0.01	101.76	
AMIS0167		93.7	2.42	3.45	0.13	0.24	0.09	0.52	0.061	0.15	0.02	0.04	<0.01	0.01	>102.00	
AMIS0167		90.7	2.38	3.29	0.15	0.23	0.07	0.47	0.055	0.14	0.02	<0.01	<0.01	0.01	99.14	
AMIS0167		91.4	2.36	3.30	0.13	0.22	0.08	0.48	0.058	0.14	0.02	0.02	<0.01	0.01	99.84	
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																21.1
AMIS0185																21.2
AMIS0185																21.0
Target Range -	Lower Bound															20.1
	Upper Bound															22.3
AMIS0286																7.58
AMIS0286																7.64
AMIS0286																7.60
Target Range -	Lower Bound															7.25
	Upper Bound															8.03
AMIS0304		12.25	1.54	21.4	28.8	2.86	0.11	0.27	0.013	1.73	0.44	17.95	0.40	0.28	95.78	
AMIS0304		12.40	1.52	20.9	28.4	2.81	0.09	0.26	0.013	1.77	0.44	18.40	0.40	0.28	95.42	
AMIS0304		12.15	1.52	21.3	28.3	2.78	0.10	0.27	0.014	1.76	0.46	18.25	0.41	0.29	95.34	
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		
AMIS0343																
Target Range -	Lower Bound															
	Upper Bound															
CDN-W-4																4.45
CDN-W-4																4.38
CDN-W-4																4.38
Target Range -	Lower Bound															4.17
	Upper Bound															4.63

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
AMIS0085				344	68.3	540	3.82	10.30	8.55	0.93	13.1	7.03	4.4	2.32	36.0	1.27
AMIS0085				356	70.4	580	4.06	11.05	8.61	0.95	14.2	7.39	4.8	2.58	36.3	1.38
AMIS0085				368	72.7	540	4.20	10.95	8.50	0.92	14.4	7.12	4.4	2.52	37.0	1.43
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167				83.9	44.6	400	0.98	5.41	2.87	0.74	3.1	4.92	2.3	1.08	23.0	0.30
AMIS0167				86.3	44.8	400	1.02	5.46	2.94	0.71	3.0	4.95	2.5	1.06	23.2	0.30
AMIS0167				85.1	44.9	450	0.95	5.76	3.33	0.71	3.1	5.48	2.5	1.20	22.9	0.30
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304				2640	8370	90	0.39	134.0	34.8	143.5	53.3	342	25.4	17.20	3580	1.90
AMIS0304				2790	8260	90	0.39	130.5	33.2	148.0	54.7	335	27.3	17.20	3420	1.92
AMIS0304				2700	8410	90	0.40	135.0	33.8	148.0	45.0	345	26.4	18.20	3440	2.00
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
AMIS0343																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
CDN-W-4																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
AMIS0085		10.1	28.3	7.43	201	6.67	3	96.3	1.4	1.48	53.2	1.28	248	34	2	63.3
AMIS0085		10.7	29.8	7.66	228	7.24	3	97.7	1.5	1.54	49.5	1.34	242	38	2	67.0
AMIS0085		11.1	29.0	8.21	222	6.88	3	101.5	1.5	1.54	52.4	1.40	254	28	2	69.3
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		4.3	18.5	5.00	15.7	4.59	1	18.2	1.4	0.90	47.8	0.41	462	62	1	23.4
AMIS0167		4.2	18.9	5.14	15.5	4.45	1	17.9	1.6	0.88	42.0	0.36	462	57	1	23.0
AMIS0167		4.3	19.0	5.01	16.4	4.68	1	19.1	1.6	0.99	45.4	0.45	473	69	2	24.3
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304		>2500	4270	>1000	9.9	605	25	3540	11.6	33.9	481	3.45	22.4	374	5	399
AMIS0304		>2500	4240	>1000	10.6	621	23	3370	11.7	33.0	445	3.43	22.0	370	5	402
AMIS0304		>2500	4150	>1000	10.9	617	26	3520	12.1	35.3	454	3.46	23.5	363	5	415
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
AMIS0343																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
CDN-W-4																
CDN-W-4																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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		8.54	151													
AMIS0085		9.43	157													
AMIS0085		8.98	155													
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167		2.57	93													
AMIS0167		2.54	95													
AMIS0167		2.66	95													
AMIS0167																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0185																
AMIS0185																
AMIS0185																
Target Range - Lower Bound																
Upper Bound																
AMIS0286																
AMIS0286																
AMIS0286																
Target Range - Lower Bound																
Upper Bound																
AMIS0304		16.15	1175													
AMIS0304		16.80	1150													
AMIS0304		16.50	1135													
Target Range - Lower Bound		15.25	1005													
Upper Bound		18.75	1230													
AMIS0343													0.09	<0.02	2.5	53.0
Target Range - Lower Bound													0.08	<0.02	2.1	49.0
Upper Bound													0.13	0.07	2.7	56.8
CDN-W-4																
CDN-W-4																
CDN-W-4																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
STANDARDS										
AMIS0085										
AMIS0085										
AMIS0085										
AMIS0085										
Target Range - Lower Bound										
Upper Bound										
AMIS0167										
AMIS0167										
AMIS0167										
AMIS0167										
AMIS0167										
Target Range - Lower Bound										
Upper Bound										
AMIS0185										
AMIS0185										
AMIS0185										
Target Range - Lower Bound										
Upper Bound										
AMIS0286										
AMIS0286										
AMIS0286										
Target Range - Lower Bound										
Upper Bound										
AMIS0304										
AMIS0304										
AMIS0304										
Target Range - Lower Bound										
Upper Bound										
AMIS0343		7120	3.78	13.9	8.0	0.2	83			
Target Range - Lower Bound		6310	3.29	12.3	4.3	<0.1	70			
Upper Bound		7720	4.13	15.5	6.9	0.4	90			
CDN-W-4										
CDN-W-4										
CDN-W-4										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
DS-1																
DS-1																
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																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
GS313-8																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
DS-1		3.08	2.67													
DS-1		3.21	2.67													
DS-1		3.21	2.68													
DS-1		3.12	2.62													
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		1.09	0.28													
GS310-10		1.06	0.27													
GS310-10		1.05	0.27													
Target Range - Lower Bound		1.03	0.25													
Upper Bound		1.13	0.29													
GS313-8		0.96	1.25													
GS313-8		0.97	1.27													
GS313-8		0.91	1.25													
GS313-8		0.90	1.24													
Target Range - Lower Bound		0.90	1.19													
Upper Bound		0.98	1.29													
MA-1b		2.50	1.22													
MA-1b		2.43	1.18													
MA-1b		2.37	1.17													
Target Range - Lower Bound		2.34	1.12													
Upper Bound		2.54	1.22													
MRGeo08																
MRGeo08																
MRGeo08																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
DS-1																
DS-1																
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																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
GS313-8																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08																
MRGeo08																
MRGeo08																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
DS-1																
DS-1																
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																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
GS313-8																
GS313-8																
GS313-8																
Target Range - Lower Bound																
Upper Bound																
MA-1b																
MA-1b																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08				34.4	0.70	0.063	0.149	0.009	3.52	0.9	0.02	0.78				
MRGeo08				34.2	0.66	0.069	0.156	0.010	3.36	1.2	0.02	0.82				
MRGeo08				34.6	0.72	0.067	0.157	0.010	3.37	0.8	0.03	0.86				
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				

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
STANDARDS										
DS-1										
DS-1										
DS-1										
DS-1										
Target Range - Lower Bound										
Upper Bound										
GPP-04								0.085	0.0952	0.100
GPP-04								0.073	0.0862	0.101
Target Range - Lower Bound								0.074	0.0822	0.091
Upper Bound								0.086	0.0938	0.105
GPP-14								0.896	0.503	0.494
Target Range - Lower Bound								0.853	0.472	0.451
Upper Bound								0.965	0.534	0.511
GS310-10										
GS310-10										
GS310-10										
Target Range - Lower Bound										
Upper Bound										
GS313-8										
GS313-8										
GS313-8										
GS313-8										
Target Range - Lower Bound										
Upper Bound										
MA-1b										
MA-1b										
MA-1b										
Target Range - Lower Bound										
Upper Bound										
MRGeo08										
MRGeo08										
MRGeo08										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146																
OREAS 146																
Target Range - Lower Bound																
Upper Bound																
OREAS 146		19.50	2.88	27.5	16.85	6.71	0.29	1.25	0.025	1.36	2.34	0.50	0.35	1.41	90.32	
OREAS 146		20.5	3.01	28.5	17.15	6.80	0.32	1.28	0.026	1.40	2.40	0.53	0.37	1.48	93.12	
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																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
OREAS 920																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146				>10000	4870	180	0.63	215	81.8	123.0	30.1	332	4.9	36.2	2550	6.28
OREAS 146				>10000	4690	170	0.50	215	79.4	122.0	21.5	324	3.7	35.7	2500	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	5020	180	0.48	214	83.7	127.0	28.5	352	3.8	36.2	2610	6.31
OREAS 146				>10000	4830	170	0.47	213	81.7	120.5	26.9	332	3.8	35.8	2550	5.80
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																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
OREAS 920																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
MRGeo08																
MRGeo08																
MRGeo08																
Target Range - Lower Bound																
Upper Bound																
OGGeo08																
OGGeo08																
OGGeo08																
Target Range - Lower Bound																
Upper Bound																
OREAS 146		394	2350	576	29.0	451	46	3150	3.6	43.9	918	9.44	2.60	146	28	914
OREAS 146		369	2260	542	24.2	440	42	3000	3.7	43.3	904	9.55	2.44	146	27	884
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		404	2390	578	26.9	473	42	3140	3.7	44.8	993	10.05	2.47	145	26	945
OREAS 146		400	2250	576	24.7	453	46	3030	4.0	43.4	850	8.93	2.40	141	26	889
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																
OREAS 905																
Target Range - Lower Bound																
Upper Bound																
OREAS 920																
OREAS 920																
OREAS 920																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
MRGeo08													4.49	2.33	19.7	616
MRGeo08													4.38	2.24	19.5	614
MRGeo08													4.62	2.45	19.6	627
Target Range - Lower Bound													4.00	2.00	17.7	587
Upper Bound													4.92	2.48	21.9	675
OGGeo08													19.00	19.15	93.9	8040
OGGeo08													18.30	18.80	92.1	8290
OGGeo08													20.4	20.3	99.2	8810
Target Range - Lower Bound													18.15	16.70	87.2	7800
Upper Bound													22.2	20.5	107.0	8980
OREAS 146		51.5	249													
OREAS 146		50.4	219													
Target Range - Lower Bound		48.1	204													
Upper Bound		58.9	254													
OREAS 146		50.4	217													
OREAS 146		49.0	212													
Target Range - Lower Bound		48.1	204													
Upper Bound		58.9	254													
OREAS 501b				20.5	1.50	0.016	0.174	0.002	0.49	2.8	0.07	0.64				
OREAS 501b				20.6	1.46	0.015	0.186	0.003	0.47	2.3	0.07	0.69				
OREAS 501b				17.2	1.65	0.014	0.203	0.003	0.47	2.6	0.07	0.71				
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													0.56	0.35	14.5	1470
OREAS 905													0.63	0.34	14.6	1510
OREAS 905													0.73	0.33	15.3	1580
Target Range - Lower Bound													0.46	0.30	13.2	1425
Upper Bound													0.58	0.42	16.4	1640
OREAS 920				4.7	0.70	0.008	0.030	<0.001	0.57	0.4	0.02	0.15				
OREAS 920				5.1	0.70	<0.005	0.029	<0.001	0.67	0.5	0.01	0.15				
OREAS 920				4.7	0.59	<0.005	0.028	<0.001	0.69	0.2	0.02	0.14				
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				

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
STANDARDS										
MRGeo08		32.1	15.05	707	1100	11.9	816			
MRGeo08		31.5	15.05	668	1045	11.8	759			
MRGeo08		32.9	15.00	686	1080	11.3	794			
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		33.4	884	8500	7210	9.8	6930			
OGGeo08		30.3	864	8420	7040	9.6	6830			
OGGeo08		30.2	926	8960	7560	10.3	7300			
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									
OREAS 146										
OREAS 146										
Target Range -	Lower Bound									
	Upper Bound									
OREAS 501b										
OREAS 501b										
OREAS 501b										
Target Range -	Lower Bound									
	Upper Bound									
OREAS 905		18.7	3.27	11.1	30.6	5.0	137			
OREAS 905		19.2	3.38	10.1	30.9	5.0	134			
OREAS 905		20.6	3.55	10.6	32.4	5.2	144			
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										
OREAS 920										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
OREAS 920																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105		69.2	13.80	2.76	1.43	0.80	4.84	2.28	0.008	0.39	0.02	0.33	<0.01	0.07	95.93	
OREAS-105		72.4	13.85	2.78	1.45	0.78	5.10	2.36	0.007	0.42	0.02	0.35	<0.01	0.08	99.60	
OREAS-105		70.4	13.90	2.82	1.46	0.80	5.11	2.36	0.007	0.42	0.02	0.35	<0.01	0.08	97.73	
Target Range - Lower Bound																
Upper Bound																
OREAS-45d																
OREAS-45d																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SARM-43																47.9
SARM-43																47.6
SARM-43																47.6
Target Range - Lower Bound																45.7
Upper Bound																50.5
SRM88B		1.10	0.31	0.28	29.5	20.6	0.05	0.10	<0.002	0.01	0.01	0.01	<0.01	<0.01	98.95	
SRM88B		1.22	0.32	0.28	30.6	20.9	0.04	0.10	<0.002	0.02	0.02	0.01	<0.01	<0.01	100.49	
SRM88B		1.22	0.31	0.29	30.1	20.8	0.04	0.10	<0.002	0.01	0.02	0.01	<0.01	<0.01	99.88	
SRM88B		1.11	0.30	0.28	29.5	20.5	0.03	0.11	0.002	0.01	0.01	0.01	<0.01	<0.01	98.84	
Target Range - Lower Bound		1.05	0.30	0.24	29.1	20.4	<0.01	0.08	0.005	<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	0.016	0.04	0.04	0.03	0.03	0.03	>102.00	
SY-4																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
OREAS 920																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105				676	109.0	50	2.03	11.75	7.46	1.36	25.2	12.55	5.9	2.30	47.3	0.95
OREAS-105				689	111.5	50	2.01	12.00	7.31	1.51	27.0	12.30	6.4	2.54	46.3	1.06
OREAS-105				727	117.5	50	2.19	12.40	7.23	1.44	28.2	12.95	6.6	2.55	48.8	1.05
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-45d																
OREAS-45d																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SARM-43																
SARM-43																
SARM-43																
Target Range - Lower Bound																
Upper Bound																
SRM88B				8.3	3.4	<10	0.12	0.64	0.51	0.13	0.5	0.66	<0.2	0.13	4.6	0.04
SRM88B				8.7	4.2	10	0.13	0.69	0.48	0.13	1.0	0.79	0.2	0.14	5.4	0.05
SRM88B				8.6	3.4	10	0.12	0.64	0.43	0.13	0.6	0.51	<0.2	0.16	4.7	0.05
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SY-4				335	121.5	10	1.55	18.65	14.60	1.94	37.0	14.15	10.0	4.51	58.5	2.05
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

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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 920																
OREAS 920																
OREAS 920																
Target Range - Lower Bound																
Upper Bound																
OREAS-105		37.8	64.2	14.55	97.5	14.85	11	86.5	4.1	1.96	365	1.05	553	27	3	59.3
OREAS-105		40.6	62.7	14.65	105.0	14.50	9	89.6	4.4	2.04	366	1.11	554	31	3	63.4
OREAS-105		40.9	65.8	15.60	108.0	15.80	9	92.5	4.4	2.12	355	1.18	526	32	3	66.2
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-45d																
OREAS-45d																
OREAS-45d																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SARM-43																
SARM-43																
SARM-43																
Target Range - Lower Bound																
Upper Bound																
SRM88B		0.3	2.9	0.72	2.7	0.53	<1	60.8	<0.1	0.10	0.36	0.06	0.27	<5	<1	7.2
SRM88B		0.4	3.5	0.93	3.3	0.70	<1	72.6	0.1	0.11	0.56	0.06	0.50	5	1	8.9
SRM88B		0.3	3.3	0.78	3.0	0.47	1	63.6	<0.1	0.11	0.36	0.06	0.30	<5	<1	7.7
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SY-4		13.0	59.4	14.55	51.2	13.10	8	1210	0.7	2.74	1.17	2.27	0.77	6	<1	112.0
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

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
OREAS 920													0.09	0.07	15.0	110.0
OREAS 920													0.16	0.08	15.3	112.5
OREAS 920													0.10	0.08	16.6	115.5
Target Range - Lower Bound													0.08	0.04	13.9	104.0
Upper Bound													0.13	0.12	17.3	120.0
OREAS-105		6.64	220													
OREAS-105		7.30	229													
OREAS-105		7.12	234													
Target Range - Lower Bound		6.54	208													
Upper Bound		8.06	259													
OREAS-45d				6.6	0.25	0.034	0.075	<0.001	0.33	1.5	0.04	0.11				
OREAS-45d				6.5	0.26	0.034	0.083	<0.001	0.39	1.1	0.04	0.11				
OREAS-45d				6.7	0.28	0.032	0.075	<0.001	0.41	1.2	0.05	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																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SARM-43																
SARM-43																
SARM-43																
Target Range - Lower Bound																
Upper Bound																
SRM88B		0.29	4													
SRM88B		0.33	6													
SRM88B		0.33	5													
SRM88B																
Target Range - Lower Bound																
Upper Bound																
SY-4		15.50	551													
Target Range - Lower Bound		13.30	523													
Upper Bound		16.30	643													

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
STANDARDS										
OREAS 920		30.3	0.38	40.7	22.5	13.8	118			
OREAS 920		31.5	0.42	41.4	25.6	13.8	117			
OREAS 920		30.5	0.50	44.6	25.2	14.8	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-45d										
OREAS-45d										
OREAS-45d										
Target Range -	Lower Bound									
	Upper Bound									
OREAS-45e								0.057	0.1150	0.080
OREAS-45e								0.055	0.1095	0.077
Target Range -	Lower Bound							0.049	0.1030	0.070
	Upper Bound							0.057	0.1170	0.081
SARM-43										
SARM-43										
SARM-43										
Target Range -	Lower Bound									
	Upper Bound									
SRM88B										
SRM88B										
SRM88B										
SRM88B										
Target Range -	Lower Bound									
	Upper Bound									
SY-4										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
SY-4		49.7	20.6	6.22	8.03	0.51	7.04	1.61	0.002	0.28	0.11	0.11	0.13	0.04	98.94	
SY-4		49.9	20.5	6.15	7.90	0.51	7.07	1.63	0.002	0.28	0.10	0.13	0.14	0.04	98.91	
SY-4		51.3	20.6	5.97	7.99	0.53	7.25	1.69	0.003	0.28	0.11	0.13	0.14	0.04	100.59	
SY-4		49.8	20.6	6.18	7.99	0.51	7.26	1.69	<0.002	0.28	0.11	0.13	0.14	0.04	99.29	
SY-4		50.4	20.5	6.12	7.81	0.50	7.00	1.62	0.002	0.29	0.10	0.12	0.13	0.04	99.19	
Target Range -	Lower Bound	48.7	20.1	5.95	7.74	0.49	6.81	1.56	0.005	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	0.016	0.32	0.13	0.16	0.17	0.06	>102.00	
WCM-PG134																
WCM-PG134																
Target Range -	Lower Bound															
	Upper Bound															
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range -	Lower Bound															
	Upper Bound															
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range -	Lower Bound															
	Upper Bound															
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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
SY-4				315	114.5	10	1.50	16.80	13.30	1.82	31.6	13.95	9.8	4.07	54.0	1.96
SY-4																
SY-4				321	119.0	10	1.39	18.70	14.25	2.01	35.3	13.75	9.9	4.47	56.7	2.10
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK				2.0	<0.1	<10	0.02	<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

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
SY-4		12.4	55.7	14.05	49.4	12.95	7	1130	0.8	2.52	1.10	2.16	0.67	7	<1	108.0
SY-4																
SY-4		12.6	57.7	14.40	51.5	13.00	8	1245	0.8	2.65	1.16	2.22	0.82	6	1	114.5
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.2	<0.1	0.01	<0.05	<0.01	<0.05	<5	3	<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

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
SY-4		13.95	590													
SY-4																
SY-4		14.90	564													
SY-4																
SY-4																
Target Range - Lower Bound																
Upper Bound																
WCM-PG134																
WCM-PG134																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
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				0.2	<0.01	0.006	<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				
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
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
BLANK		<0.03	<2													
Target Range - Lower Bound		<0.03	<2													
Upper Bound		0.06	4													

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
STANDARDS										
SY-4										
SY-4										
SY-4										
SY-4										
SY-4										
Target Range - Lower Bound										
Upper Bound										
WCM-PG134								0.954	0.381	0.221
WCM-PG134								0.923	0.359	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										
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	<0.1	<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			
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			
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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																-0.02
BLANK																-0.02
BLANK																0.01
BLANK																-0.01
BLANK																0.00
BLANK																-0.02
Target Range - Lower Bound																<0.01
Upper Bound																0.02
BLANK																
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	<0.01	
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	0.05	
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	0.02	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	
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	0.02	<0.002	<0.01	<0.01	0.01	<0.01	<0.01	0.06	
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		

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
							BLANKS									
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
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	0.01													
BLANK		0.01	<0.01													
BLANK		<0.01	<0.01													
Target Range - Lower Bound		<0.01	<0.01													
Upper Bound		0.02	0.02													
BLANK				0.8	<0.1	<10	0.01	<0.05	<0.03	<0.03	0.2	<0.05	<0.2	<0.01	<0.1	<0.01
BLANK				1.3	<0.1	<10	0.01	<0.05	<0.03	<0.03	0.2	<0.05	<0.2	0.02	<0.1	<0.01
BLANK				2.4	<0.1	<10	0.02	<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				<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				1.9	<0.1	<10	0.02	<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																

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
							BLANKS									
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
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	0.02	<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	0.2	<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	0.2	<0.1	0.01	<0.05	<0.01	<0.05	<5	1	<0.1
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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
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		<0.03	<2													
BLANK		<0.03	<2													
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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
						BLANKS				
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								0.002	<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										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		53.2	20.4	8.60	0.24	0.66	0.23	2.74	0.010	0.95	0.22	0.15	0.01	0.10		
DUP		55.8	21.1	8.89	0.28	0.68	0.26	2.84	0.010	0.98	0.23	0.15	0.01	0.11		
Target Range - Lower Bound		53.1	20.2	8.52	0.24	0.64	0.23	2.71	0.008	0.93	0.21	0.14	<0.01	0.09		
Upper Bound		55.9	21.3	8.97	0.28	0.70	0.26	2.87	0.012	1.00	0.24	0.16	0.02	0.12		
ORIGINAL																10.90
DUP																10.90
Target Range - Lower Bound																10.60
Upper Bound																11.20
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357045		42.6	2.39	11.15	7.59	28.1	0.30	0.16	0.32	0.13	0.17	0.02	<0.01	<0.01		
DUP		43.0	2.43	11.35	7.69	28.4	0.29	0.15	0.316	0.13	0.18	<0.01	<0.01	<0.01		
Target Range - Lower Bound		41.7	2.34	10.95	7.44	27.5	0.28	0.14	0.308	0.12	0.16	<0.01	<0.01	<0.01		
Upper Bound		43.9	2.48	11.55	7.84	29.0	0.31	0.17	0.328	0.14	0.19	0.02	0.02	0.02		
40357050																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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		2.42	0.73													
DUP		2.55	0.74													
Target Range - Lower Bound		2.41	0.71													
Upper Bound		2.56	0.76													
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				349	80.9	70	1.00	3.17	1.73	0.91	24.2	3.97	6.1	0.61	36.1	0.23
DUP				362	78.5	80	1.02	3.44	1.77	1.02	24.0	4.07	5.5	0.61	33.1	0.24
Target Range - Lower Bound				337	75.6	60	0.95	3.09	1.63	0.89	22.8	3.77	5.3	0.57	32.8	0.21
Upper Bound				374	83.8	90	1.07	3.52	1.87	1.04	25.4	4.27	6.3	0.65	36.4	0.26
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357045				39.4	3.7	2360	5.31	0.60	0.31	0.20	3.1	0.72	0.2	0.13	1.4	0.05
DUP				38.8	3.8	2410	5.45	0.70	0.39	0.20	2.8	0.81	0.3	0.15	1.5	0.04
Target Range - Lower Bound				36.6	3.5	2260	5.10	0.57	0.30	0.16	2.7	0.68	<0.2	0.12	1.3	0.03
Upper Bound				41.6	4.0	2510	5.66	0.73	0.40	0.24	3.2	0.85	0.4	0.16	1.6	0.06
40357050																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
ORIGINAL		11.5	26.3	6.70	82.1	4.67	2	54.3	0.8	0.60	17.90	0.25	2.73	211	<1	15.3
DUP		11.4	25.0	6.46	85.2	4.87	2	57.6	0.8	0.58	17.90	0.23	2.97	222	<1	15.4
Target Range - Lower Bound		10.7	24.3	6.22	79.3	4.50	<1	53.1	0.7	0.55	16.95	0.22	2.66	201	<1	14.5
Upper Bound		12.2	27.0	6.94	88.0	5.04	3	58.8	0.9	0.63	18.85	0.26	3.04	232	2	16.2
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357045		0.3	2.4	0.56	10.0	0.73	<1	49.4	<0.1	0.09	0.16	0.05	0.08	94	1	3.3
DUP		0.3	2.7	0.55	10.0	0.83	<1	51.2	<0.1	0.12	0.15	0.05	0.06	96	1	3.4
Target Range - Lower Bound		<0.2	2.3	0.50	9.3	0.71	<1	47.7	<0.1	0.09	0.10	0.04	<0.05	85	<1	3.1
Upper Bound		0.4	2.8	0.61	10.7	0.85	2	52.9	0.2	0.12	0.21	0.06	0.10	105	2	3.6
40357050																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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													0.56	3.72	6.2	36.0
DUP													0.57	3.73	6.0	36.3
Target Range - Lower Bound													0.53	3.52	5.7	34.7
Upper Bound													0.60	3.93	6.5	37.6
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		1.63	246													
DUP		1.67	217													
Target Range - Lower Bound		1.54	218													
Upper Bound		1.76	245													
ORIGINAL				16.8	0.22	<0.005	0.045	<0.001	0.06	<0.2	0.02	0.05				
DUP				17.8	0.22	<0.005	0.047	<0.001	0.05	<0.2	0.01	0.04				
Target Range - Lower Bound				16.3	0.20	<0.005	0.039	<0.001	<0.05	<0.2	<0.01	<0.02				
Upper Bound				18.3	0.24	0.010	0.053	0.002	0.10	0.4	0.02	0.07				
40357045		0.33	7													
DUP		0.34	7													
Target Range - Lower Bound		0.29	5													
Upper Bound		0.38	9													
40357050																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
DUPLICATES										
ORIGINAL										
DUP										
Target Range - Lower Bound										
Upper Bound										
ORIGINAL		23.7	3.22	35.2	4.7	5.7	365			
DUP		22.9	2.70	24.8	4.3	5.7	368			
Target Range - Lower Bound		21.9	2.76	28.3	3.8	5.3	346			
Upper Bound		24.7	3.16	31.7	5.2	6.1	387			
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										
40357045										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357050								0.002	<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

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40357060	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357064	DUP															6.30
																6.17
	Target Range - Lower Bound															6.07
	Upper Bound															6.40
40357069	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357079	DUP	37.2	2.21	14.15	0.53	35.8	0.07	0.15	0.52	0.09	0.14	0.03	<0.01	<0.01		
		36.9	2.22	14.20	0.54	35.3	0.06	0.15	0.529	0.09	0.14	0.01	<0.01	<0.01		
	Target Range - Lower Bound	36.1	2.15	13.80	0.51	34.7	0.05	0.14	0.509	0.08	0.13	<0.01	<0.01	<0.01		
	Upper Bound	38.0	2.28	14.55	0.56	36.4	0.08	0.16	0.540	0.10	0.15	0.03	0.02	0.02		
40357088	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357090	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357093	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357094	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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40357060	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357064	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357069	DUP	0.01	1.43													
	Target Range - Lower Bound	0.02	1.38													
	Upper Bound	<0.01	1.36													
		0.02	1.45													
40357079	DUP			38.1	4.0	3900	5.76	0.35	0.29	0.14	3.1	0.36	0.2	0.08	1.9	0.02
	Target Range - Lower Bound			36.5	3.3	3730	5.58	0.36	0.20	0.14	3.0	0.37	0.2	0.07	1.6	0.03
	Upper Bound			34.9	3.4	3610	5.38	0.29	0.20	0.10	2.8	0.30	<0.2	0.06	1.6	<0.01
				39.7	3.9	4020	5.96	0.42	0.29	0.18	3.3	0.43	0.4	0.09	1.9	0.04
40357088	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357090	DUP	0.12	2.41													
	Target Range - Lower Bound	0.12	2.31													
	Upper Bound	0.11	2.29													
		0.13	2.43													
40357093	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357094	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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40357060																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357064																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357069																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357079		0.7	2.2	0.54	8.6	0.56	<1	14.5	<0.1	0.07	0.19	0.04	0.06	61	1	2.0
DUP		0.3	2.0	0.44	8.2	0.42	1	13.8	<0.1	0.07	0.18	0.03	0.06	61	1	1.9
Target Range - Lower Bound		0.3	1.9	0.44	7.8	0.44	<1	13.3	<0.1	0.06	0.13	0.02	<0.05	53	<1	1.8
Upper Bound		0.7	2.3	0.54	9.0	0.54	2	15.0	0.2	0.08	0.24	0.05	0.10	69	2	2.1
40357088																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357090																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357093																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357094																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
40357060				9.4	1.00	0.010	0.066	0.016	0.24	10.7	2.31	0.09	2.51	0.61	204	5100
DUP				8.0	1.04	0.005	0.068	0.014	0.26	10.9	2.35	0.10	2.42	0.64	207	5140
Target Range - Lower Bound				8.2	0.96	<0.005	0.059	0.013	0.18	10.1	2.20	0.07	2.33	0.57	195.0	4940
Upper Bound				9.2	1.08	0.010	0.075	0.017	0.32	11.5	2.46	0.12	2.60	0.68	216	5300
40357064																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357069																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357079		0.23	7													
DUP		0.16	7													
Target Range - Lower Bound		0.16	5													
Upper Bound		0.23	9													
40357088																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357090																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357093													0.10	0.06	100.5	223
DUP													0.10	0.06	100.0	218
Target Range - Lower Bound													0.09	0.04	95.1	213
Upper Bound													0.12	0.08	105.5	228
40357094				0.2	0.37	<0.005	0.006	<0.001	<0.05	0.5	0.06	0.07				
DUP				0.2	0.37	<0.005	0.005	0.001	<0.05	0.4	0.06	0.08				
Target Range - Lower Bound				<0.1	0.34	<0.005	<0.005	<0.001	<0.05	<0.2	0.05	0.05				
Upper Bound				0.3	0.40	0.010	0.010	0.002	0.10	0.7	0.07	0.10				

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
						DUPLICATES				
40357060		17.0	2.94	7240	17.2	15.9	74			
DUP		16.5	2.75	7400	18.2	15.5	78			
Target Range - Lower Bound		15.7	2.65	6950	16.3	14.8	70			
Upper Bound		17.8	3.04	7690	19.1	16.6	82			
40357064										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357069								0.185	0.506	0.594
DUP								0.197	0.533	0.623
Target Range - Lower Bound								0.180	0.493	0.577
Upper Bound								0.202	0.546	0.640
40357079										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357088								0.007	0.0145	0.014
DUP								0.008	0.0171	0.015
Target Range - Lower Bound								0.006	0.0145	0.013
Upper Bound								0.009	0.0171	0.016
40357090										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357093		6.2	0.12	680	1.2	30.3	62			
DUP		6.0	0.14	675	0.9	30.1	60			
Target Range - Lower Bound		5.6	0.07	643	<0.5	28.6	56			
Upper Bound		6.6	0.19	712	1.6	31.8	66			
40357094										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
40357099																6.60
DUP																6.51
Target Range - Lower Bound																6.38
Upper Bound																6.73
40357103																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357111		67.4	15.20	5.19	1.76	2.16	3.59	3.61	0.02	0.41	0.07	0.11	0.02	0.07		
DUP		67.8	15.30	5.24	1.76	2.18	3.60	3.62	0.015	0.41	0.07	0.09	0.03	0.07		
Target Range - Lower Bound		65.9	14.85	5.07	1.71	2.11	3.50	3.51	0.015	0.39	0.06	0.09	<0.01	0.06		
Upper Bound		69.3	15.65	5.36	1.81	2.23	3.69	3.72	0.020	0.43	0.08	0.11	0.04	0.08		
40357124																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357127																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357128																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357133																0.93
DUP																0.89
Target Range - Lower Bound																0.88
Upper Bound																0.94
40357138																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40357099	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357103	DUP	0.01	0.02													
	DUP	0.02	0.02													
	Target Range - Lower Bound	<0.01	<0.01													
	Upper Bound	0.02	0.03													
40357111	DUP			615	49.5	110	5.88	2.24	1.27	0.81	19.2	2.66	3.8	0.48	24.6	0.17
	DUP			600	49.2	110	5.94	2.24	1.10	0.81	19.2	2.77	3.5	0.38	24.7	0.15
	Target Range - Lower Bound			577	46.8	90	5.60	2.08	1.10	0.74	18.1	2.53	3.3	0.40	23.3	0.14
	Upper Bound			638	51.9	130	6.22	2.40	1.27	0.88	20.3	2.90	4.0	0.46	26.0	0.18
40357124	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357127	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357128	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357133	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357138	DUP	0.02	0.13													
	DUP	0.02	0.13													
	Target Range - Lower Bound	<0.01	0.12													
	Upper Bound	0.03	0.14													

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40357099																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357103																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357111		6.8	21.1	5.68	122.5	3.74	2	273	0.6	0.38	7.54	0.15	8.75	72	1	12.4
DUP		7.0	20.6	5.74	124.0	3.88	2	256	0.6	0.33	8.37	0.14	8.88	75	1	10.0
Target Range - Lower Bound		6.4	19.7	5.39	117.0	3.59	<1	251	0.5	0.33	7.51	0.13	8.32	65	<1	10.5
Upper Bound		7.4	22.0	6.03	129.5	4.03	3	278	0.7	0.38	8.40	0.16	9.31	82	2	11.9
40357124																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357127																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357128																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357133																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357138																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
40357099	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357103	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357111	DUP	1.21	121													
	DUP	0.97	115													
	Target Range - Lower Bound	1.01	110													
	Upper Bound	1.17	126													
40357124	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357127	DUP												0.13	0.19	23.5	59.2
	DUP												0.13	0.15	23.1	58.5
	Target Range - Lower Bound												0.11	0.14	22.0	56.6
	Upper Bound												0.15	0.20	24.6	61.1
40357128	DUP			0.5	0.17	<0.005	0.015	0.002	<0.05	0.3	0.03	0.62				
	DUP			0.4	0.15	<0.005	0.012	0.002	<0.05	0.2	0.01	0.59				
	Target Range - Lower Bound			0.3	0.14	<0.005	0.008	<0.001	<0.05	<0.2	<0.01	0.54				
	Upper Bound			0.6	0.18	0.010	0.019	0.003	0.10	0.4	0.03	0.67				
40357133	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40357138	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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
		DUPLICATES								
40357099	DUP									
	Target Range - Lower Bound									
	Upper Bound									
40357103	DUP									
	Target Range - Lower Bound									
	Upper Bound									
40357111	DUP									
	Target Range - Lower Bound									
	Upper Bound									
40357124								0.002	<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
40357127		37.7	1.54	88.6	25.0	15.8	155			
	DUP	35.4	1.71	87.5	25.3	15.2	152			
	Target Range - Lower Bound	34.5	1.49	83.4	23.4	14.6	144			
	Upper Bound	38.6	1.76	92.7	26.9	16.4	163			
40357128	DUP									
	Target Range - Lower Bound									
	Upper Bound									
40357133	DUP									
	Target Range - Lower Bound									
	Upper Bound									
40357138	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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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								
40357143																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357144		38.2	2.04	13.95	1.91	34.0	0.15	0.12	0.56	0.10	0.18	0.03	<0.01	<0.01		
DUP		37.4	1.99	13.65	1.86	33.5	0.14	0.12	0.563	0.10	0.17	0.03	<0.01	<0.01		
Target Range - Lower Bound		36.8	1.95	13.45	1.83	32.9	0.13	0.11	0.545	0.09	0.16	0.02	<0.01	<0.01		
Upper Bound		38.8	2.08	14.15	1.94	34.6	0.16	0.13	0.578	0.11	0.19	0.04	0.02	0.02		
40357161																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357162																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357167																1.86
DUP																1.80
Target Range - Lower Bound																1.77
Upper Bound																1.89
40357172																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357177		44.8	4.55	11.50	9.06	24.6	0.62	0.27	0.32	0.28	0.18	0.03	<0.01	0.01		
DUP		44.7	4.57	11.50	9.03	24.6	0.62	0.27	0.321	0.28	0.18	0.02	<0.01	0.01		
Target Range - Lower Bound		43.6	4.44	11.20	8.81	24.0	0.59	0.25	0.310	0.26	0.17	<0.01	<0.01	<0.01		
Upper Bound		45.9	4.68	11.80	9.28	25.2	0.65	0.29	0.331	0.30	0.19	0.04	0.02	0.02		
40357189		70.2	15.50	3.22	1.17	1.28	3.78	5.09	0.01	0.22	0.04	0.08	0.03	0.07		
DUP		70.0	15.45	3.19	1.20	1.27	3.78	5.05	0.010	0.22	0.03	0.09	0.03	0.07		
Target Range - Lower Bound		68.3	15.10	3.11	1.15	1.23	3.68	4.93	0.008	0.20	0.02	0.07	0.02	0.06		
Upper Bound		71.9	15.85	3.30	1.22	1.32	3.88	5.21	0.012	0.24	0.05	0.10	0.04	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

Finalized Date: 5-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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									
40357143																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357144				17.1	2.7	3860	3.65	0.34	0.21	0.07	2.6	0.37	<0.2	0.08	1.2	0.03
DUP				14.6	2.7	3970	3.44	0.37	0.30	0.10	3.0	0.49	0.2	0.09	1.2	0.04
Target Range - Lower Bound				14.6	2.5	3710	3.36	0.29	0.21	0.05	2.6	0.36	<0.2	0.07	1.0	0.02
Upper Bound				17.1	2.9	4120	3.73	0.42	0.30	0.12	3.0	0.50	0.4	0.10	1.4	0.05
40357161																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357162																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357167																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357172		0.04	0.30													
DUP		0.04	0.30													
Target Range - Lower Bound		0.03	0.28													
Upper Bound		0.05	0.32													
40357177				63.8	6.1	2400	0.42	1.08	0.64	0.39	5.3	1.26	0.4	0.26	2.3	0.10
DUP				63.7	6.0	2400	0.40	1.18	0.67	0.39	4.7	1.25	0.4	0.24	2.3	0.09
Target Range - Lower Bound				60.1	5.6	2270	0.38	1.02	0.59	0.34	4.7	1.14	<0.2	0.23	2.1	0.08
Upper Bound				67.4	6.5	2530	0.44	1.24	0.72	0.44	5.4	1.37	0.6	0.27	2.5	0.11
40357189																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40357143																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357144		0.6	1.8	0.37	6.2	0.39	1	24.1	0.1	0.06	0.18	0.03	0.07	61	1	2.0
DUP		0.5	1.8	0.37	6.0	0.34	1	24.0	0.1	0.07	0.22	0.02	0.09	62	1	2.0
Target Range - Lower Bound		0.3	1.6	0.32	5.6	0.32	<1	22.7	<0.1	0.05	0.14	<0.01	<0.05	53	<1	1.8
Upper Bound		0.8	2.0	0.42	6.6	0.41	2	25.4	0.2	0.08	0.26	0.04	0.10	70	2	2.2
40357161																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357162																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357167																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357172																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357177		0.4	5.0	0.93	6.0	1.36	<1	87.8	<0.1	0.19	0.21	0.10	0.07	147	1	5.9
DUP		0.5	4.6	0.95	6.0	1.19	<1	87.3	<0.1	0.22	0.23	0.10	0.10	143	2	5.9
Target Range - Lower Bound		<0.2	4.5	0.86	5.5	1.18	<1	83.1	<0.1	0.18	0.16	0.09	<0.05	133	<1	5.5
Upper Bound		0.7	5.1	1.02	6.5	1.37	2	92.0	0.2	0.23	0.28	0.12	0.10	157	2	6.3
40357189																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
40357143																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357144		0.25	6													
DUP		0.22	6													
Target Range - Lower Bound		0.19	4													
Upper Bound		0.28	8													
40357161													0.06	0.12	120.5	64.4
DUP													0.07	0.13	120.0	64.0
Target Range - Lower Bound													0.05	0.10	114.0	61.8
Upper Bound													0.08	0.15	126.5	66.6
40357162				0.1	0.05	<0.005	0.039	<0.001	<0.05	<0.2	0.01	0.88				
DUP				0.1	0.04	<0.005	0.040	<0.001	<0.05	<0.2	<0.01	0.92				
Target Range - Lower Bound				<0.1	0.03	<0.005	0.033	<0.001	<0.05	<0.2	<0.01	0.81				
Upper Bound				0.2	0.06	0.010	0.046	0.002	0.10	0.4	0.02	0.99				
40357167																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357172																
DUP																
Target Range - Lower Bound																
Upper Bound																
40357177		0.65	12													
DUP		0.67	12													
Target Range - Lower Bound		0.60	9													
Upper Bound		0.72	15													
40357189																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
DUPLICATES										
40357143								0.025	0.0656	0.056
DUP								0.026	0.0607	0.054
Target Range - Lower Bound								0.023	0.0595	0.051
Upper Bound								0.028	0.0668	0.059
40357144										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357161		18.6	0.17	900	1.1	11.4	107			
DUP		17.4	0.12	916	1.1	11.3	110			
Target Range - Lower Bound		16.9	0.09	862	<0.5	10.7	101			
Upper Bound		19.1	0.20	954	1.7	12.0	116			
40357162								0.002	0.0011	0.001
DUP								0.002	0.0009	0.001
Target Range - Lower Bound								<0.001	<0.0005	<0.001
Upper Bound								0.003	0.0016	0.002
40357167										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357172										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357177										
DUP										
Target Range - Lower Bound										
Upper Bound										
40357189										
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40356915																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356916																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356918																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356920																0.34
DUP																0.33
Target Range - Lower Bound																0.32
Upper Bound																0.35
40356925																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356926		73.8	13.65	1.10	0.78	0.24	3.43	5.40	<0.01	0.05	0.01	0.02	0.02	0.07		
DUP		70.4	13.00	1.06	0.75	0.23	3.28	5.17	0.003	0.05	0.01	0.03	0.01	0.07		
Target Range - Lower Bound		70.3	13.00	1.04	0.74	0.22	3.26	5.14	0.004	0.04	<0.01	<0.01	<0.01	0.06		
Upper Bound		73.9	13.65	1.12	0.79	0.25	3.45	5.43	0.009	0.06	0.02	0.04	0.02	0.08		
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		46.9	10.85	11.80	6.82	15.45	1.41	3.19	0.053	0.53	0.17	0.16	0.05	0.06		
DUP		46.2	10.85	11.70	6.69	15.30	1.40	3.22	0.053	0.53	0.16	0.14	0.05	0.06		
Target Range - Lower Bound		45.4	10.55	11.45	6.58	15.00	1.36	3.11	0.050	0.51	0.15	0.14	0.04	0.05		
Upper Bound		47.7	11.15	12.05	6.93	15.75	1.45	3.30	0.056	0.55	0.18	0.16	0.06	0.07		

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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														
40356915	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40356916	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40356918	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40356920	DUP															
	Target Range - Lower Bound															
	Upper Bound															
40356925	DUP	0.03	0.12													
	Target Range - Lower Bound	0.03	0.11													
	Upper Bound	0.02	0.10													
		0.04	0.13													
40356926	DUP			668	44.1	20	1.37	1.24	0.31	0.59	17.1	2.01	2.4	0.19	21.7	0.04
	Target Range - Lower Bound			637	47.1	20	1.23	1.24	0.37	0.58	16.0	2.07	2.4	0.20	23.4	0.05
	Upper Bound			619	43.2	<10	1.23	1.13	0.29	0.53	15.6	1.89	2.1	0.18	21.3	0.03
				686	48.0	30	1.38	1.35	0.39	0.64	17.5	2.19	2.7	0.21	23.8	0.06
ORIGINAL	DUP															
	Target Range - Lower Bound															
	Upper Bound															
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
40356915																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356916																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356918																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356920																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356925																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356926		1.9	17.8	4.96	114.5	3.25	<1	239	0.1	0.28	18.75	0.06	29.1	7	3	4.6
DUP		2.9	18.7	5.40	108.5	3.61	1	227	0.1	0.27	21.0	0.05	30.8	7	1	4.7
Target Range - Lower Bound		2.1	17.2	4.89	105.5	3.23	<1	221	<0.1	0.25	18.85	0.04	28.4	<5	<1	4.3
Upper Bound		2.7	19.3	5.47	117.5	3.63	2	245	0.2	0.30	20.9	0.07	31.5	10	3	5.0
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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																
40356915													0.09	0.13	21.4	48.4
DUP													0.11	0.13	21.3	48.8
Target Range - Lower Bound													0.09	0.10	20.2	46.7
Upper Bound													0.12	0.16	22.5	50.5
40356916				4.6	0.03	<0.005	0.011	0.001	<0.05	<0.2	0.01	0.20				
DUP				5.2	0.03	<0.005	0.010	0.002	0.05	0.2	0.01	0.20				
Target Range - Lower Bound				4.6	0.02	<0.005	<0.005	<0.001	<0.05	<0.2	<0.01	0.17				
Upper Bound				5.2	0.04	0.010	0.016	0.002	0.10	0.4	0.02	0.24				
40356918																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356920																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356925																
DUP																
Target Range - Lower Bound																
Upper Bound																
40356926		0.25	63													
DUP		0.28	64													
Target Range - Lower Bound		0.22	58													
Upper Bound		0.31	69													
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
						DUPLICATES				
40356915		63.9	1.96	68.2	18.0	12.7	99			
DUP		63.4	1.74	68.2	17.5	12.6	104			
Target Range - Lower Bound		60.3	1.71	64.6	16.4	11.9	94			
Upper Bound		67.0	1.99	71.8	19.1	13.4	109			
40356916										
DUP										
Target Range - Lower Bound										
Upper Bound										
40356918								<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
40356920										
DUP										
Target Range - Lower Bound										
Upper Bound										
40356925										
DUP										
Target Range - Lower Bound										
Upper Bound										
40356926										
DUP										
Target Range - Lower Bound										
Upper Bound										
ORIGINAL								0.002	0.0093	0.005
DUP								0.002	0.0064	0.004
Target Range - Lower Bound								<0.001	0.0070	0.003
Upper Bound								0.003	0.0087	0.006
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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
		PREP DUPLICATES														
40357095		43.4	3.36	11.45	8.19	27.7	0.35	0.17	0.36	0.17	0.18	0.04	<0.01	<0.01	101.36	5.99
40357095 PREP DUP		42.2	3.26	11.20	7.98	26.5	0.35	0.17	0.36	0.17	0.18	0.03	<0.01	<0.01	98.36	5.96
40357146		38.3	2.04	13.45	2.02	34.0	0.12	0.08	0.55	0.10	0.17	0.02	<0.01	<0.01	101.25	10.40
40357146 PREP DUP		36.1	1.98	13.30	1.96	33.5	0.10	0.08	0.55	0.10	0.17	0.02	<0.01	<0.01	98.36	10.50
40356919		64.5	16.20	7.33	1.90	3.00	4.04	2.44	0.02	0.60	0.08	0.15	0.03	0.07	101.80	1.44
40356919 PREP DUP		62.5	15.75	7.19	1.86	2.99	4.03	2.42	0.02	0.57	0.08	0.17	0.02	0.07	99.12	1.45

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
PREP DUPLICATES																
40357095		0.08	0.10	25.9	5.4	2670	0.67	0.84	0.58	0.27	3.8	0.83	0.3	0.17	2.3	0.06
40357095 PREP DUP		0.09	0.10	27.0	5.5	2630	0.79	0.84	0.54	0.29	4.9	0.90	0.3	0.18	2.3	0.07
40357146		0.04	0.26	24.1	3.0	3780	1.79	0.38	0.25	0.12	2.8	0.39	0.2	0.08	1.3	0.03
40357146 PREP DUP		0.04	0.25	26.0	3.0	3920	1.83	0.45	0.33	0.10	3.0	0.39	0.2	0.08	1.4	0.04
40356919		0.01	0.11	519	48.8	160	3.87	2.16	1.24	0.93	18.2	2.98	3.2	0.46	24.3	0.17
40356919 PREP DUP		0.03	0.11	603	55.6	160	4.64	2.37	1.43	0.90	20.4	3.08	3.4	0.51	27.7	0.20

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
PREP DUPLICATES																
40357095		0.5	3.7	0.78	2.7	0.90	1	64.1	<0.1	0.14	0.28	0.06	0.08	110	2	4.1
40357095 PREP DUP		0.5	3.7	0.76	3.1	0.90	1	63.5	0.1	0.15	0.29	0.08	0.11	110	2	4.4
40357146		0.3	1.8	0.39	2.9	0.54	<1	17.5	<0.1	0.06	0.23	0.03	0.08	63	1	2.0
40357146 PREP DUP		0.3	1.7	0.38	2.7	0.35	<1	18.6	<0.1	0.07	0.18	0.04	0.06	66	1	2.1
40356919		5.8	21.2	5.47	84.7	3.66	1	252	0.5	0.41	5.65	0.18	6.44	107	1	11.4
40356919 PREP DUP		6.4	24.0	6.40	91.5	4.22	2	277	0.6	0.44	6.93	0.21	7.20	117	2	12.9

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
PREP DUPLICATES																
40357095		0.41	11	0.2	0.46	<0.005	0.005	0.001	<0.05	0.4	0.05	0.08	0.12	0.09	101.5	201
40357095 PREP DUP		0.44	11	0.2	0.44	<0.005	0.007	<0.001	<0.05	0.2	0.06	0.08	0.13	0.10	101.5	200
40357146		0.24	7	0.3	0.88	<0.005	0.011	0.001	<0.05	1.8	0.20	0.04	0.46	0.11	132.5	1010
40357146 PREP DUP		0.29	7	0.4	0.80	<0.005	0.012	0.001	<0.05	1.3	0.19	0.04	0.50	0.11	142.0	984
40356919		1.30	114	3.9	0.18	<0.005	0.039	0.002	0.08	0.4	0.02	0.41	0.10	0.06	22.3	46.0
40356919 PREP DUP		1.26	127	4.3	0.18	<0.005	0.039	0.003	0.07	0.3	0.04	0.44	0.12	0.09	22.3	48.1

***** 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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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
PREP DUPLICATES										
40357095		5.9	0.17	677	1.1	29.8	65	0.005	0.0140	0.013
40357095 PREP DUP		5.1	0.16	649	1.2	29.0	62	0.006	0.0142	0.012
40357146		2.5	0.11	1190	0.9	10.9	68	0.023	0.0606	0.049
40357146 PREP DUP		3.0	0.11	1270	1.0	11.5	74	0.022	0.0494	0.046
40356919		66.0	1.89	74.9	17.9	15.1	102	<0.001	0.0015	0.002
40356919 PREP DUP		68.3	2.48	76.5	18.1	15.2	101	<0.001	0.0015	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-MAY-2018
Account: KAV

Project: EB80004236

QC CERTIFICATE OF ANALYSIS TB18081396

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