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REPORT ON RECONNAISANCE MAPPING AND ANALYTICAL RESULTS FOR ADDITIONAL SAMPLING OF HISTORICAL DIAMOND CORE, THE EVA-KITTO PROJECT, EVA AND KITTO TOWNSHIPS, ONTARIO

Thunder Bay Division, Ontario
NTS 52H09

April 8, 2016

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1. INTRODUCTION

This report has been prepared by Transition Metals Corp. to provide documentation of the reconnaissance mapping and sampling completed in October 2014, re-examination of the historical geophysical data, and the re-logging and analytical results completed on the historical diamond drill core from programs completed between 2003 and 2007. The reconnaissance mapping was completed in the area of the original showing, located on the south side of the property, and the area of the 2006 trenches, located in the north-central portion of the property. Detailed re-examination of the historical geophysical data was completed to determine if the geophysical interpretation could match the proposed alternate interpretation of the geometry of the intrusion. Access to the core was provided by Rainy Mountain Royalty Corp., who store the core in Thunder Bay, allowing for a program of re-logging and lithogeochemical sampling to test an alternate interpretation of the geometry for the Eva-Kitto ultramafic intrusion.

2. PROPERTY LOCATION, ACCESS, AND DESCRIPTION

The property is located in the northwest portion of Kitto Township and the southwest portion of Eva Township with the western claims overlapping a small portion of the Maryjane Lake area (Fig. 1 and 2). Eva and Kitto townships are located in the eastern portion of the Thunder Bay Mining District, approximately 190 km northeast of Thunder Bay and about 11 km west of the town of Beardmore (Fig. 1). The property can be accessed via a network of logging roads that branch south from highway 580 approximately 7 km west of highway 11. Highway 580, the road to Poplar Lodge, exits highway 11 north of the Blackwater River, north of the Town of Beardmore.

The property consists of 12 contiguous mining claims and totalling 157 units covering 2,512 ha (Fig. 2; Table 1). Transition Metals Corp. has a 100% interest in the mining claims which were staked at two separate times, in April 2014 and November 2014.

Table 1. List of claims composing the Eva-Kitto Project.

Claim Number	Units	Hectares	Recording Date	Twp/Area	Mining Division
4274780	15	240	2014-Apr-11	Kitto	Thunder Bay
4274781	16	256	2014-Apr-11	Kitto	Thunder Bay
4274782	15	240	2014-Apr-11	Kitto	Thunder Bay
4274783	16	256	2014-Apr-11	Kitto	Thunder Bay
4274784	6	96	2014-Apr-11	Kitto	Thunder Bay
4283721	15	240	2014-Nov-04	Eva	Thunder Bay
4283722	16	256	2014-Nov-04	Eva	Thunder Bay
4283723	8	128	2014-Nov-04	Kitto	Thunder Bay
4283724	15	240	2014-Nov-04	Kitto	Thunder Bay
4283725	12	192	2014-Nov-04	Kitto	Thunder Bay
4283726	15	240	2014-Nov-04	Kitto	Thunder Bay

Claim Number	Units	Hectares	Recording Date	Twp/Area	Mining Division
4283727	8	128	2014-Nov-04	Kitto	Thunder Bay
total	157	2,512			

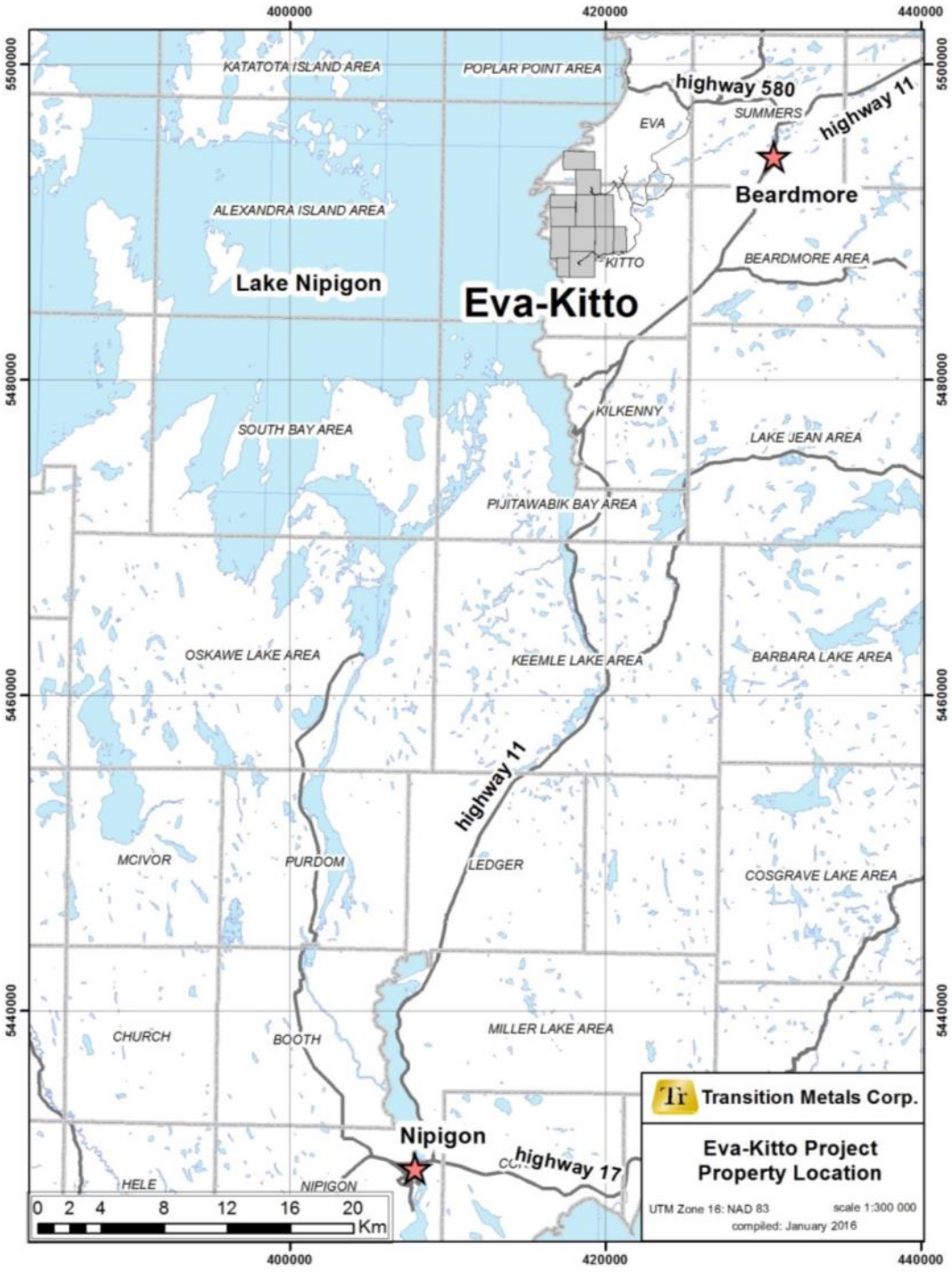

Figure 1. Location of the Eva-Kitto Project

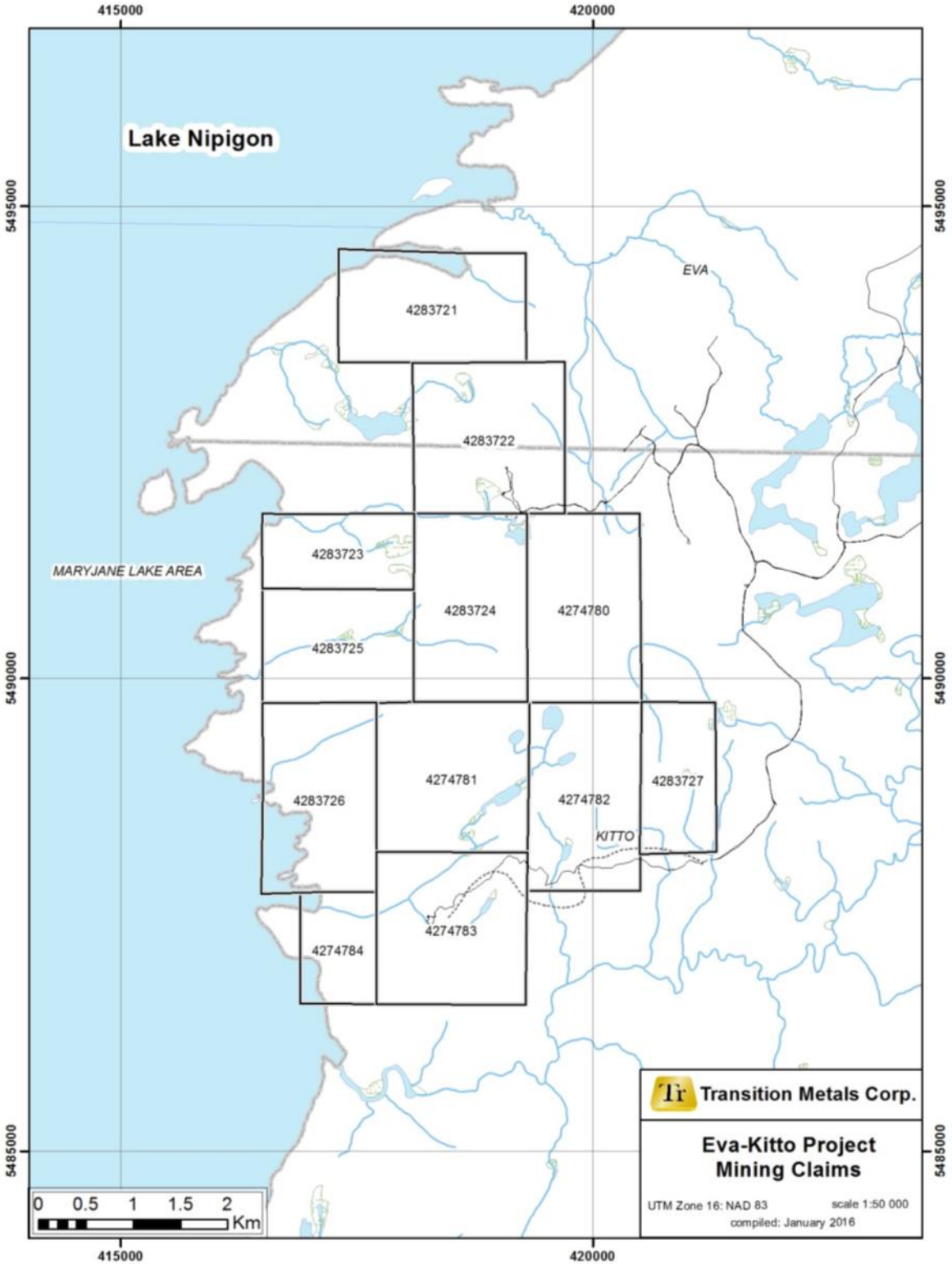

Figure 2: Claim locations with access and topographic features

3. PREVIOUS WORK

The area was prospected for gold mineralization during the early part of 20th century during the exploration conducted during the development of the Beardmore gold camp. This undocumented work was generally confined to the Archean rocks overlying the central portion of the Kitto Intrusion and is evident by the presence of overgrown pits and trenches.

Table 2: Previous documented work conducted on the property.

Year	Description
1965	airborne magnetic survey completed in 1962 was published by the Geological Survey of Canada (Map 7103G)
1970	Eva Township was mapped at a 1:15 840 scale by the Ontario Geological Survey (MacKasey, 1970)
1979	Ontario Geological Survey compiled the data for the area as part of an engineering geology terrain study at 1:100 000 scale (Mollard, 1979)
1981-1987	Ontario Geological Survey mapping of the Nipigon Plate and first delineated the Eva-Kitto Township intrusion (Sutcliffe, 1981, 1982, 1985, and 1987) and included a PhD completed in 1986 (Sutcliffe (1986)
1987	Quaternary geology was completed by the Geological Survey of Canada (Kristjansson and Thorleifson, 1987).
1989	Questor Surveys Limited performed an airborne TDEM survey for R.S. Middleton of Glen Auden Resources Ltd. and detected anomalies associated with the iron formations (Salib, 1989)
1990	a compilation of gravity survey results was published as a Bouger anomaly map by the Geological Survey of Canada (Map NM-16-GR)
1990	Eva Township was mapped as part of a study of the structural history of the Beardmore greenstone belt by the Ontario Geological Survey (Shanks, 1990, 1993).
1991	Quaternary geology and drift prospecting was completed by the Geological Survey of Canada (Kristjansson and Thorleifson, 1991).
1998	Ontario Geological Survey completed an airborne magnetic and electromagnetic survey that covered part of the north portion of the Eva-Kitto intrusion (OGS, 1998).
2001-2002	Ontario Geological Survey mapping of the intrusion during 2000 discovered a showing with weak PGE mineralization in a creek in the southern portion of the intrusion referred to as the Phoenix Occurrence (Hart et al., 2002, 2002b). An ungraduate thesis was completed on the intrusion by Duggan (2002) based on mapping and sampling completed during this program.
2001	Hunter Dickinson Incorporated optioned the property from East West Resource Corporation and a prospecting and sampling program returned assays of trace Pt and Pd (Johnson, 2001).
2002-2004	Kennecott Canada Exploration Inc. acquired 21 claims of the property in joint venture with East West Resource Corporation and Maple Minerals Corporation. An airborne MegaTEM and magnetics survey was completed by Fugro Airborne Surveys Corp (Coombes, 2002). Prospecting of EM and magnetic anomalies returned assay values ranged from trace to 901 ppb Pt and 1065ppb Pd from a total of 47 samples (Coombes, 2002b).

Year	Description
	Kennecott Canada Exploration Inc. drilled 4 DDH holes totalling 937 m. Hole EK-03-02, a 345m -45 hole at 245, intersected disseminated po-cpy mineralization and was the only hole to intersect sulphide-bearing peridotite and Archean magnetiferous metapelites. Of the 50 samples from this hole, assays ranged in value from trace to 0.28%Ni, 0.13%Cu and 563ppb Pt+Pd over 1.22 m in the peridotite. Approximately 50 samples were assayed from this hole. The other 3 holes did not hit significant mineralization. (Coombes and Rossell, 2003; Rossell, 2003).
2004-2007	A MSc. thesis at Lakehead University examined the geochemistry and PGE mineralization of the Kitto intrusion (Laarman, 2007). Part of this thesis included geological mapping and collection of 77 grab and chip samples analysed for their whole rock composition (Laarman, 2005).
2005-2012	East West Resource Corporation and Maple Minerals Corporation completed one vertical, NQ diamond drill hole to a depth of 246.6 m in the north-central part of the intrusion. No significant assays were returned. (Laarman and Middleton, 2006).
	Maple Minerals Corporation changes its name to Mega Uranium Limited; Trenching was completed in 3 locations in the north-central part of the intrusion ranging in size from 1 m x 6 - 8 m. Only 3 samples were collected, 1 from each trench, but no mineralization was discovered and no assays were submitted (Rajnovich, 2006).
	One vertical, NQ diameter hole was completed to a depth of 302 m in the north-central part of the intrusion. No significant assays were returned (Middleton and Rajnovich, 2007).
	The property was partly restaked and the remaining 50% interest was purchased by East West Resource Corporation. The property was then optioned to International Bethlehem Mining Corporation in November 2008.
	An airborne VTEM survey was completed in the fall of 2008 (Middleton and Husslage, 2009). One -50 deg., BQ diamond drill hole, with azimuth to the south, was drilled to a depth of 246.58 m in the area of the Phoenix Occurrence, in the south portion of the intrusion. No significant assays were returned. (Laarman and Middleton, 2009).
	East West Resources Corporation changed its name to Rainy Mountain Royalty Corporation
	Diamond drill hole EK-08-01, begun in 2008, was deepened to 312.42 m to intersect the basal layer of the intrusion. No significant assays were returned.(Ferraro, Laarman, and Middleton, 2010).
	A 405.4 m vertical, NQ diamond drill hole was completed in the north-central portion of the intrusion to the west of the 2007 and 2005 drill holes. The hole intersected multiple layers of lherzolite and between 245 and 265 m there were multiple 3 cm pyrrhotite bands associated with coarse magnetite-serpentinite bands. There were no magmatic sulphides and no significant assays reported. This hole did not intersect the Archaean basement.
2015	Ontario Airborne Geophysical Survey released the results of a magnetic and gamma-ray spectrometric that covered Kitto Township (Geophysical Data Set 1078b).

4 GEOLOGY

4.1. Regional Geology

The following description of the regional geology was extracted from a paper published by Hart and MacDonald (2007). The Nipigon Embayment is underlain by Archean rocks of the English River, Wabigoon, and Quetico subprovinces (Fig. 3), with much of the Embayment underlain by a series of east-trending 2950 to 2700 Ma greenstone belts separated by 3000 to 2690 Ma intrusive rocks of the central and eastern Wabigoon subprovince. The southern margin of the Wabigoon subprovince consists of a series of metasedimentary and metavolcanic belts separating the granite-greenstone terrane to the north from the Quetico metasedimentary rocks to the south. The boundary between the Wabigoon and Quetico subprovinces, south of Beardmore, is the Blackwater Fault which appears to extend south of Peevy Lake on the west side of the lake (Fig. 3). The metasedimentary rocks of the Quetico subprovince are intruded by "I-type" tonalite to granodiorite and "S-type" muscovite and two-mica leucogranites, with minor mafic to ultramafic and syenitic bodies. A minimum age of deposition for the metasedimentary rocks is constrained by ages of 2665 and 2653 Ma on leucogranites immediately southwest of the Nipigon Embayment.

There are a number of late- to post-tectonic mafic to ultra-mafic intrusions in the central Wabigoon subprovince, including the intrusions of the Lac des Iles area (Fig. 3). The various intrusions of the Lac des Iles area may be part of a contemporaneous magmatic event. A number of less well documented intrusions may be part of the same magmatic event suggesting a wider distribution of these intrusions in the area southwest of Lake Nipigon.

A series of north-striking diabase dykes intrude the Archean rocks with a paleo-magnetic and geochemical study of the dykes located west of the Nipigon Embayment suggesting that there are 2130-2120 Ma reverse-magnetized and 2110-2100 Ma normal-magnetized Marathon dykes. A solitary northeast-trending diabase dyke may correlate with the 1140 Ma Abitibi swarm.

Three Meso- to Paleoproterozoic lithologic units are located in the northwest portion of the Nipigon Embayment: the 1587-1598 Ma Badwater (Creek) intrusion, the 1129 Ma Pillar Lake Volcanic rocks, and the 1546 Ma English Bay Complex (Fig. 3). The mafic to felsic Badwater intrusion is unconformably overlain by flat-lying mafic pillowed volcanic rocks of the Pillar Lake volcanic unit. The English Bay volcanic-intrusive complex is located to the southeast, on the northwest shore of Lake Nipigon. All three units appear to be localized along major regional structures.

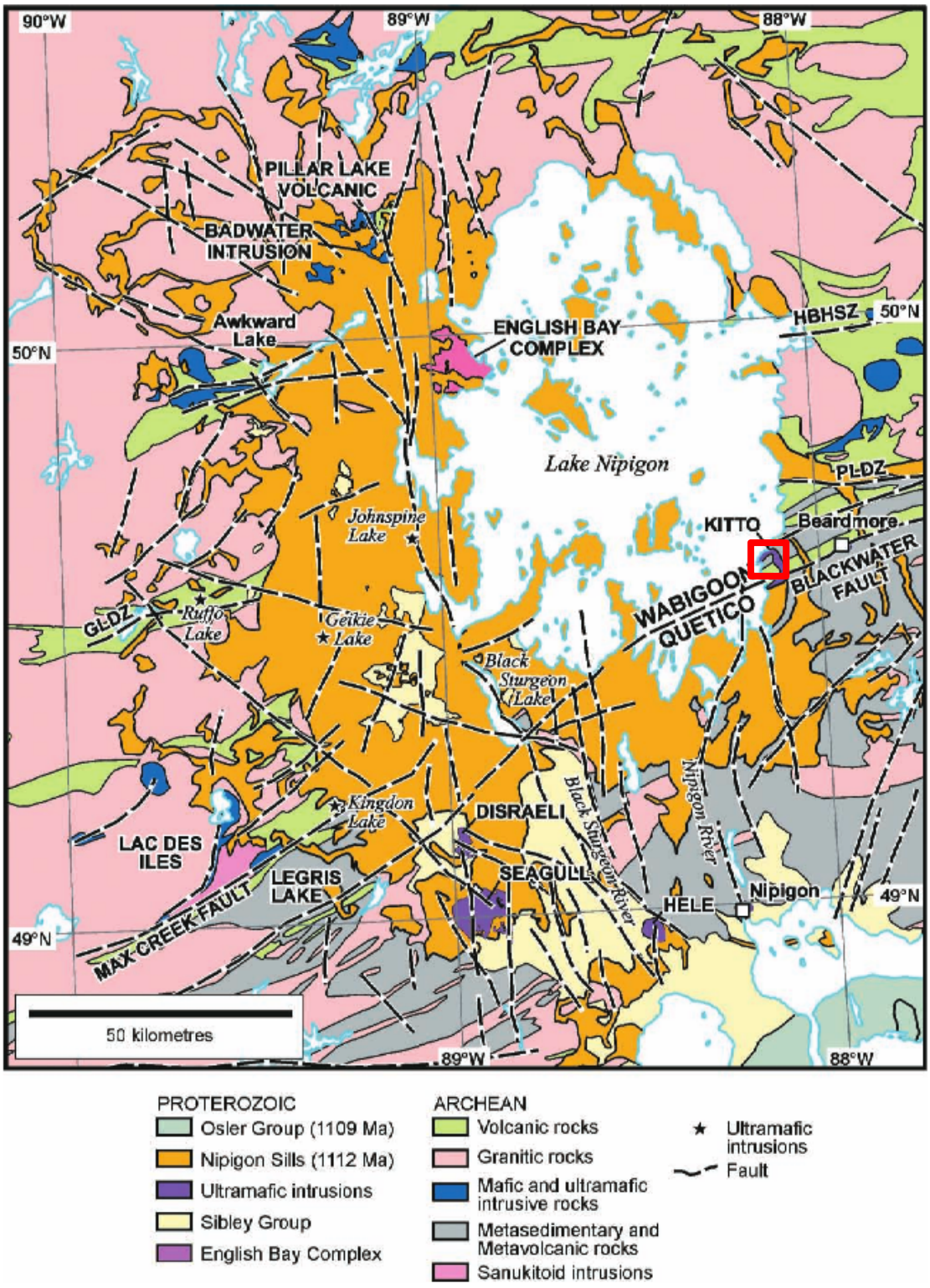

Figure 3: Regional geology of the Nipigon Embayment from Hart and MacDonald (2007) with the property location in red. (HBHSZ – Humboldt Bay High Strain Zone; PLDZ – Paint Lake deformation zone.

Unconformably overlying the basement Archean and earlier Proterozoic rocks are the clastic and chemical sedimentary rocks of the Sibley Group. The thickest accumulation of Sibley Group rocks in the western portion of the Nipigon Embayment is within a half-graben, defined by the faults in the area of the Black Sturgeon River. The Black Sturgeon Fault has been interpreted to be the initial period of fault activity representing a change from broad subsidence to active basin formation in the Lake Nipigon area prior to 1339 Ma, and prior to formation of the Midcontinent Rift.

Proterozoic mafic to ultramafic intrusions in the Nipigon Embayment occur as thicker sill-like bodies on the south and east side of the Embayment and thinner sills located along the west and south sides of the Embayment (Fig. 3). Initially four sill-like mafic to ultramafic intrusions, three (Disraeli, Seagull, and Hele) located to the south of Lake Nipigon and one (*Eva*-Kitto) located along the east side of the lake had been identified but the number of intrusions was increased with the discovery of additional intrusions in the Thunder Bay North – Sunday Lake area within the Quetico Subprovince to the southwest of the Embayment. The intrusions display a range in ages from the early 1124-1112 Ma Seagull and 1117 Ma Kitto intrusions to the later 1106 Ma Hele and 1109 Ma Disreali intrusions. Ultramafic-hosted PGE mineralization has been identified in the older intrusions with the best studied intrusions being the Seagull and TB North. Whole-rock geochemistry, isotope geochemistry, and mineral chemistry, suggest that the mineralization in the Seagull intrusion was caused by sulphur saturation of the magma during initial stages of emplacement, with zones higher in the intrusion probably reflecting influxes of less evolved magma.

The current outline of the Nipigon Embayment is defined by a series of diabase sills estimated to cover an area in excess of 20 000 km^2 (Fig. 3). The shallow-dipping Nipigon diabase sills, ranging in thickness from <5 m to >185 m, intrude all other lithologies as the youngest rocks in the Embayment. A lack of obvious textural, mineralogical, or geochemical variations within sill exposures hinders regional correlation of the sills and the development of a stratigraphic succession.

Geological mapping suggests that the formation of the Nipigon Embayment was controlled by a series of north-, northwest- and northeast-trending faults that appear to correlate with prominent Archean basement structures (Fig. 3). Interaction between these faults formed an asymmetric basin in the Embayment due to an anorogenic thermal upwelling event possibly related to the ~1540 Ma English Bay Complex in the northwest portion of the Embayment. On the south side of the Embayment, the Black Sturgeon Fault graben has been interpreted to be the initial period of fault activity representing a change from broad subsidence to active basin formation in the Lake Nipigon area prior to 1339 Ma, or 200 Ma prior to formation of the Midcontinent Rift. The ultramafic to mafic and diabase sill emplacement is related to the Midcontinent Rift magmatism, but the lack of dykes of either diabase or mafic to ultramafic composition suggests that the Nipigon Embayment was not extensional during the formation of the Midcontinent Rift and not a classic failed arm of the Rift.

4.2. Local Geology

The following description of the local geology was extracted from Hart et al. (2002) and the references therein. The Eva-Kitto property is underlain by Archean metasedimentary and metavolcanic rocks of the Beardmore–Geraldton Belt (BGB) to the north and metasedimentary rocks of the Quetico Subprovince to the south (Fig.4 and 5). The north portion of the property is underlain by rocks of the southern metasedimentary subbelt (SSB) of the BGB which consist of thinly to thickly bedded feldspathic wacke, lithic wacke, siltstone, polymictic conglomerate, and mudstone and/or argillite with argillite-magnetite iron formation and jasper-hematite iron formation. Bounding the SSB to the south are mafic metavolcanic rocks of the southern metavolcanic subbelt (SVB) which consist of massive and pillowed flows with minor tuffs, lapilli tuffs, and tuff breccias and interflow chert-magnetite iron formations. Separated from the BGB by the southwest-trending Blackwater Fault, the thinly bedded feldspathic wacke, siltstone, argillite and conglomerate of the Quetico Subprovince underlie the south portion of the property. The sedimentary rocks of the Quetico resemble metamorphosed equivalents of the metasedimentary rocks of the BGB. Late post-tectonic mafic sills were emplaced into the metavolcanic rocks of the SVB. A swarm of narrow, generally north-striking diabase dikes intrude the supracrustal rocks. Sedimentary rocks of the Sibley Group, comprised of calcareous mudstone to sandy dolostone of the Rossport Formation, unconformably overly the Archean rocks on the south side of the property.

Two ages of Proterozoic sills were emplaced into all older units, the 1117 Ma mafic-ultramafic Kitto sill and the 1108 Ma diabase sill of the Nipigon Sill Complex (Fig. 4). The mafic- ultramafic Kitto intrusion outcrops in a roughly semi-circular body with shallowly dipping layers suggesting a sill that dips shallowly to the west. A generally flat-lying to shallowly dipping diabase sill intrudes both the Archean rocks and the Kitto intrusion. The diabase sills are commonly massive, medium- to coarse-grained and should be properly classified as gabbro and are variable in thickness from <5 to >185 m. Formed by single or multiple pulses of magma, the sills range in grain size from chill to very coarse-grained with pegmatitic intervals. Contacts are commonly aphanitic, polygonal jointed or, when in contact with sedimentary rocks, xenolith-rich hybrids.

The majority of the rocks of the BGB exhibit a relatively uniform low to middle greenschist-facies metamorphism. The sedimentary rocks of the Quetico Subprovince are at a slightly higher metamorphic grade than rocks of the BGB. Hornfels metamorphism is restricted to a small area and overlying the Kitto intrusion along the SVB–SSB contact, and is most evident as well hornfels iron formation.

Stratigraphy strike west – southwest with beds in the SSB generally facing north, though local reversals result in south-facing panels that may be interpreted to either suggest an imbricated thrust wedge developed by the collision between the Wabigoon and Wawa subprovinces, or a large-scale high-amplitude folding event. Faulting consists of north-striking faults and east-striking fault or deformation zones and the age relationship between the 2 structural systems is not known.

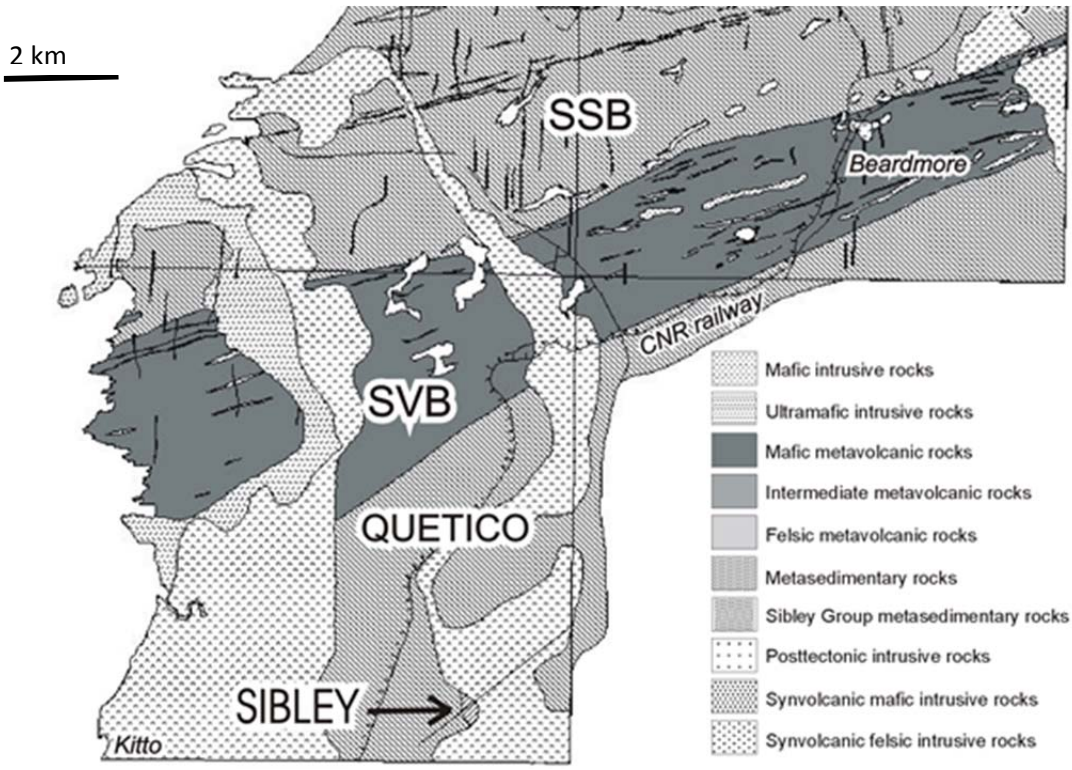

Figure 4: Local geology from Hart et al (2001). Abbreviations: SVB, southern metavolcanic subbelt; SSB, southern metasedimentary subbelt

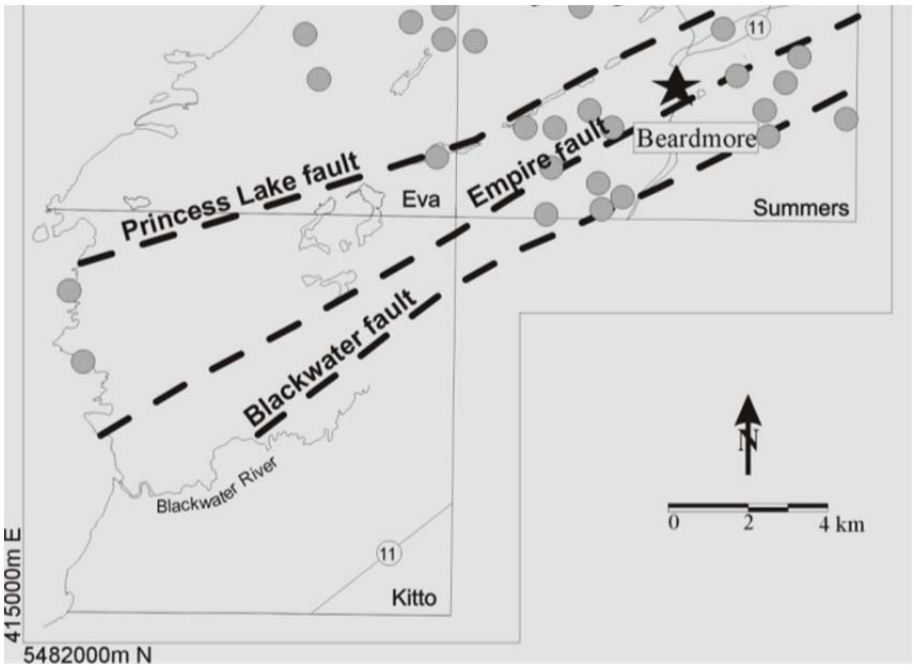

Figure 5. Geographic sketch map showing location of major faults in the Beardmore–Geraldton Belt with respect to historical gold showings from Hart et al (2001).

Kitto Intrusion

Information on the Kitto intrusion has been gathered from outcrop and diamond drill hole with the following description from Laarman (2007) and the references therein. In the southern part of the intrusion, the sequence from top to bottom is lherzolite, olivine websterite, vari-textured pyroxenite, pyroxenite and melanogabbro (Fig. 6). Lherzolite is the dominate lithology in the intrusion and exhibits cumulate to pyroxene-poikilitic textures dominated by olivine with lesser clinopyroxene and poikilitic orthopyroxene. The lithologies crop out as a 15 to 30 cm thick layers dipping from 0 to 30° to the SE and SW. The olivine websterite displays similar cumulate to pyroxene-poikilitic textures, but contains more abundant clinopyroxene. The pyroxenite exhibits orthocumulate textures consisting of cumulate clinopyroxene and intergranular plagioclase. The melanogabbro comprises poikilitic plagioclase and minor cumulate clinopyroxene. In the central part of the intrusion, lithologies from east to west are lherzolite, olivine websterite, pyroxene-porphyritic melanogabbro and granophyric gabbro. Lherzolite and olivine websterites in the central part of the intrusion are more fractionated than at the southern part of the intrusion, and are characterized by the presence of secondary pyroxene and minor plagioclase. The pyroxene-porphyritic melanogabbro also contains secondary pyroxene and, along with cumulate clinopyroxene, there is enrichment in intercumulus plagioclase component.

The lithologies of the Kitto intrusion have geochemical signatures consistent with crustal contamination of a primitive magma. The lherzolite-olivine websterites are characterized by primitive mantle normalized multi-element patterns with negative Nb and Ti anomalies and εNd contents consistent with contamination by an older crustal source. Trace element modelling of assimilation-fractional crystallization suggests these lithologies were probably Quetico metasedimentary rocks and iron formation and mafic metavolcanic rocks of the Beardmore-Geraldton greenstone belt.

Emplacement of the Kitto intrusion occurred as multiple pulses of magma with an initial pulse of pyroxenite – melanogabbro followed by a lherzolite-olivine websterite magma in the southern part of the intrusion. Towards the top of the intrusion, geochemical trends are consistent with fractionation of the magma. Emplacement of the intrusion may have been controlled by north-trending Proterozoic faults, possibly the Nipigon River and Pijitawabik faults crossing east-trending Archean structures.

Mineralization of the Kitto intrusion consists of interstitial Ni-Cu-PGE-bearing sulphides in an upper zone at the bottom of the lherzolite-olivine websterite, a second and third zone in the underlying pyroxenite, and a fourth zone at the contact of the melanogabbro with the iron formation in the country rock (Fig. 6 and 7). Se and S data suggest that externally derived sulphur resulted in sulphur saturation and the precipitation of Ni-Cu-PGE-bearing sulphides. High Se contents are detected in the upper zone and the second and third zones, as well as in the iron formation country rock consistent with these lithologies being sulphur sources for contamination and mineralization

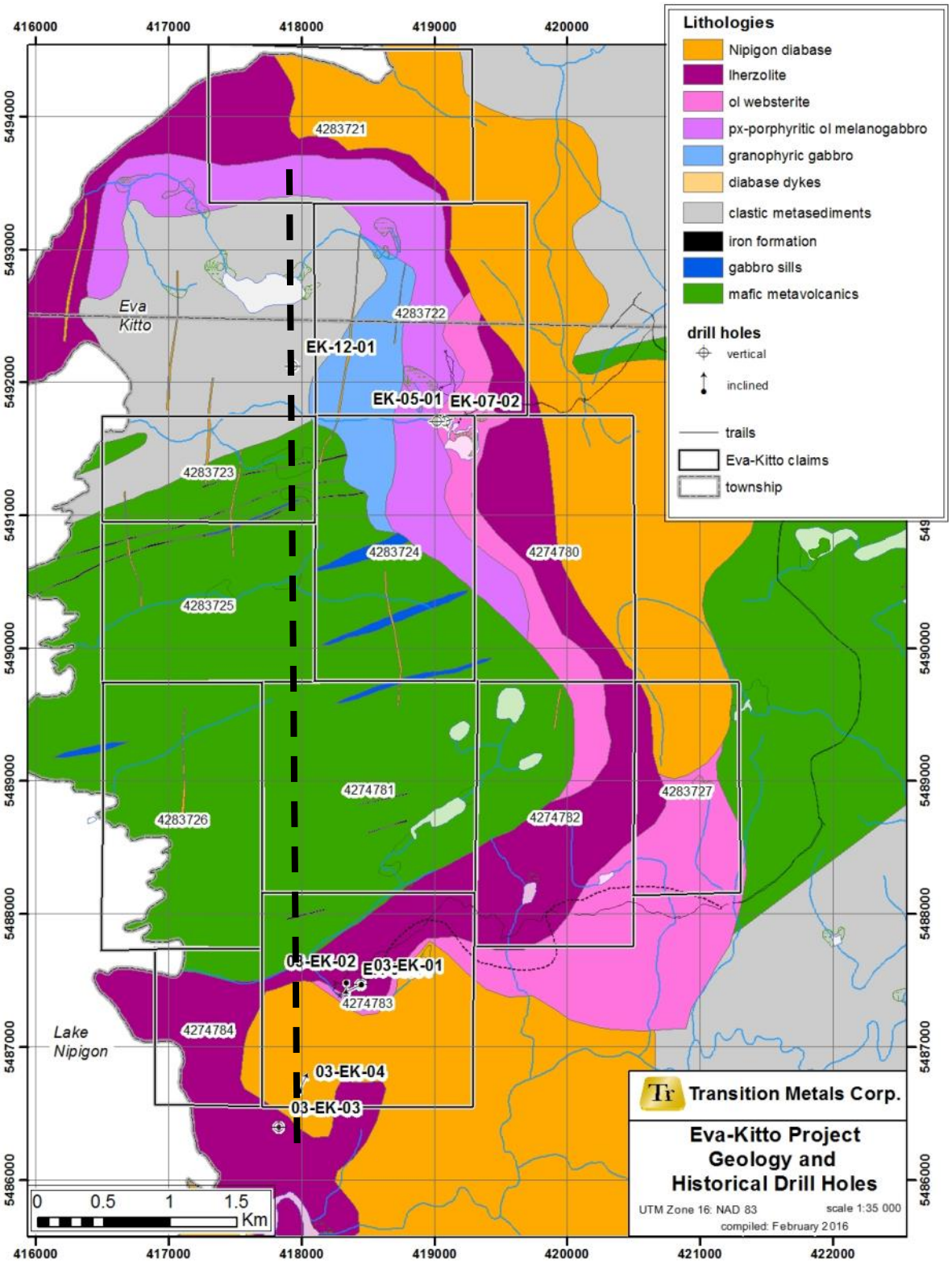

Figure 6: Geology of the Kitto Intrusion after Laarman (2007) and Hart et al (2001). North-trending dashed line is the approximate location of the cross section shown in Figure 7.

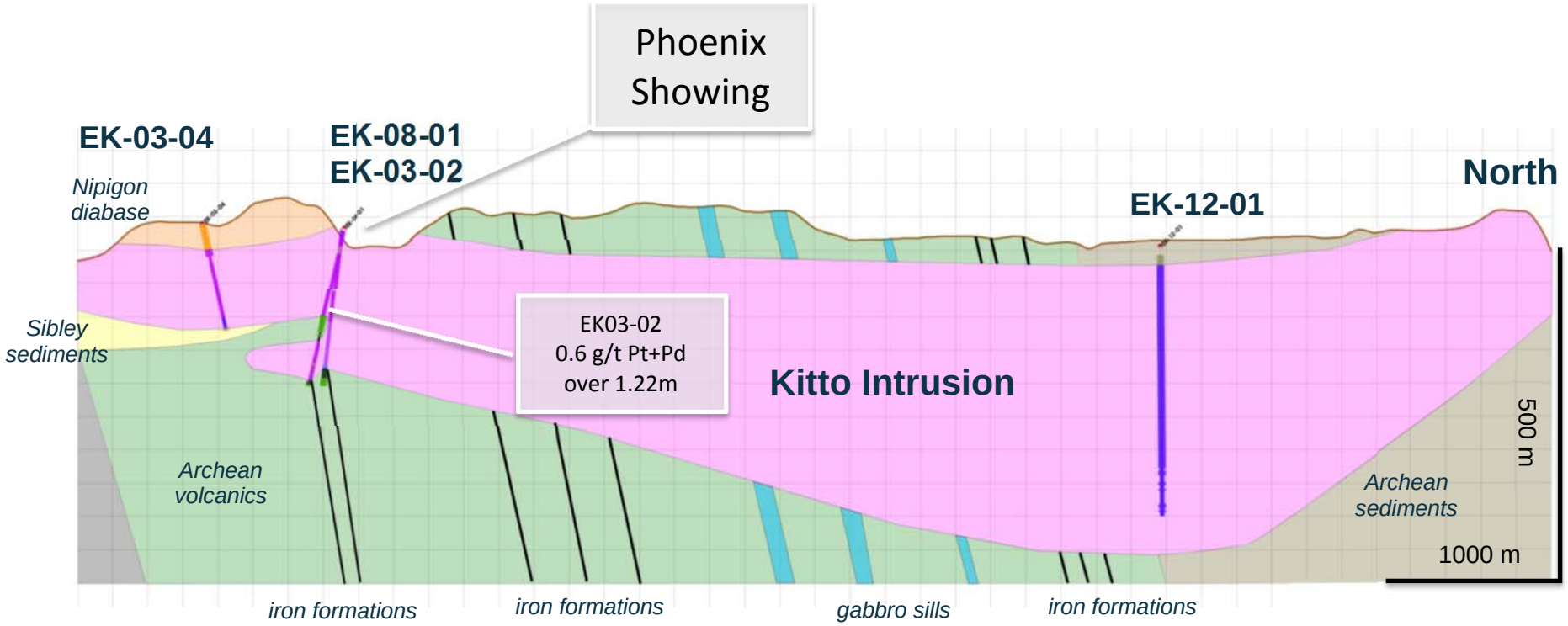

Figure 7: Schematic vertical cross section of the Kitto Intrusion looking west

6. WORK PROGRAM

6.1 2014 Work Program

A site visit was conducted on October 20 and 21, 2014 to verify the access to the claims and to attempt to duplicate some of the historical sampling results. The work was conducted by T. Hart and S. Flank, and involved the collection of 10 samples with 8 from the area of the Phoenix Showing and 2 from the north-central portion of the intrusion (Fig. 8). The samples were submitted to ALS Chemex for Pt, Pd, and Au by PGM-ICP23, major elements by ME-ICP06, loss on ignition, trace and rare earth elements by ME-MS81, base metals by ME-4ACD81, and total sulphur. The platinum group element (PGE) and base metals results of these analyses are contained in Table 3, and the analytical certificates are contained in Appendix A

Table 3: 2014 Field samples analytical results

Sample	East	North	Lithology	Au (ppm)	Pt (ppm)	Pd (ppm)	Cr (ppm)	Cu (ppm)	Ni (ppm)
L060731	418290	5487375	m.g. equigranular massive gabbro.	0.006	0.008	0.019	110	224	109
L060732	418292	5487377	m.g. equigranular massive gabbro.	0.006	0.008	0.019	110	213	111
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	0.005	0.008	0.018	3110	23	1220
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	0.008	0.006	0.003	110	187	114
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	0.003	0.257	0.039	1530	78	514
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	0.003	0.096	0.024	1610	64	546
L060737	418262	5487403	m.g. equigranular massive gabbro	0.006	0.007	0.019	110	229	114
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	0.003	0.008	0.018	110	197	113
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	0.004	0.007	0.021	120	199	119
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	0.004	0.005	0.02	110	214	106

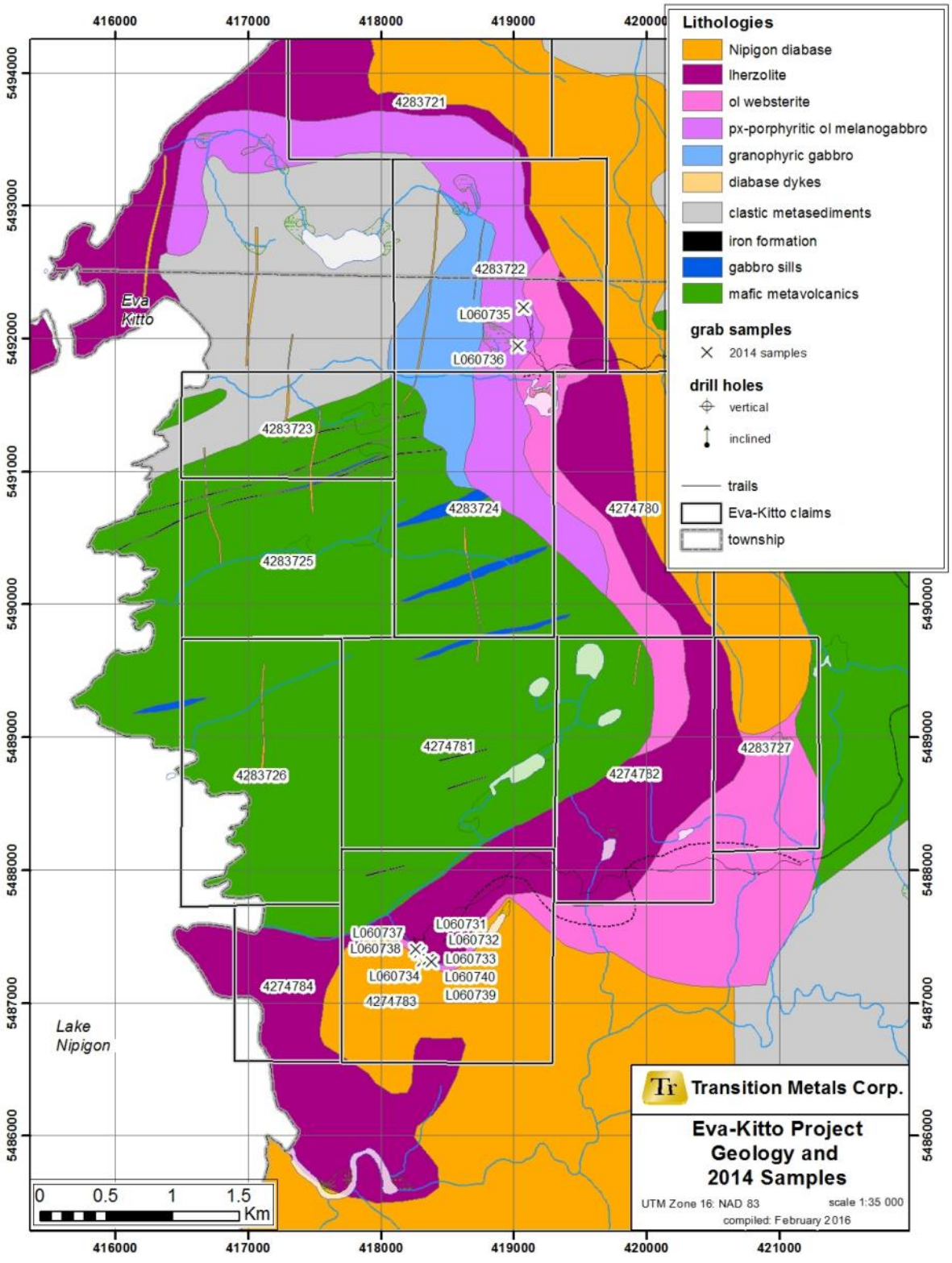

Figure 8: 2014 grab sample locations

6.2. Re-examination of Historical Geophysics

East West Resource Corporation contracted a helicopter-borne VTEM survey for International Bethlehem Mining Corporation that highlighted a number of previously unknown anomalies as well as providing a high resolution magnetic data (Middleton and Husslage, 2009). The data was re-examined and modelled by K. Stevens in the late 2014 and early 2015.

The total field magnetic data shows responses from the Archean metavolcanic and metasediment rocks as well as the Proterozoic rocks but does not resolve edge of the ultramafic Kitto intrusion very well (Fig. 9). The linear southwest-trending Archean iron formations are quite prominent in the data as this unit both overlie and underlie the Kitto Inrusion. A series of vertical cross-sections modelled through the Kitto Intrusion along a northwest-trend (Fig. 9) which suggests that the Kitto Intrusion is sill-like rather than the steeply dipping cone sheet interpretation applied during past exploration programs.

Late channel data from the 2008 VTEM survey had a variety of non-decaying anomalies in addition to the eastern target along strike with the Phoenix showing (A1) (Fig. 10). In addition, 15 separate late channel anomalies were identified in 4 additional data subsets (A2, A3, A4, and A5). Modelled conductors exhibit different characteristics from west to east. In the west part of the VTEM grid, shorter wavelength, high amplitude anomalies have subvertical orientation, tops are near surface, with limited dip extent (<200m). In the east part of the VTEM grid, longer wavelength, weak to moderate amplitude anomalies are more deeply buried and with longer strike lengths. Of note is a broad, weak anomaly indicating a possible deeply buried (600-700m), sub-horizontal, low conductance body. In the south, a single large, thick (up to 30m) conductor, dips NW and is east of the Phoenix area (A1).

6.2. Re-logging and Sampling

Between April and July, 2015, S. Flank re-logged holes 03EK-01, -02, -03, -04, EK-05-01, EK-07-02, EK-08-01, and EK-12-01 and collected additional samples in holes 03EK-02, -03, EK-07-01, and EK-08-01. While re-logging, magnetic susceptibility and conductivity reading were collected every meter down the hole and this data is contain in Appendix D, E, and F. This work was completed to better understand the lithologies that had been intersected and examine the intervals that hosted the platinum group element mineralization as well as to fill gaps in the sampling record that hindered detailed modelling of the lithogeochemical.

A total of 187 samples were submitted to ALS Chemex for Pt, Pd, and Au by PGM-ICP23, major elements by ME-ICP06, loss on ignition, trace and rare earth elements by ME-MS81, base metals by ME-4ACD81, and total sulphur. The certificates of these analyses are located in Appendix C, with detailed sample records of the location of each sample contained in Appendix D.

.

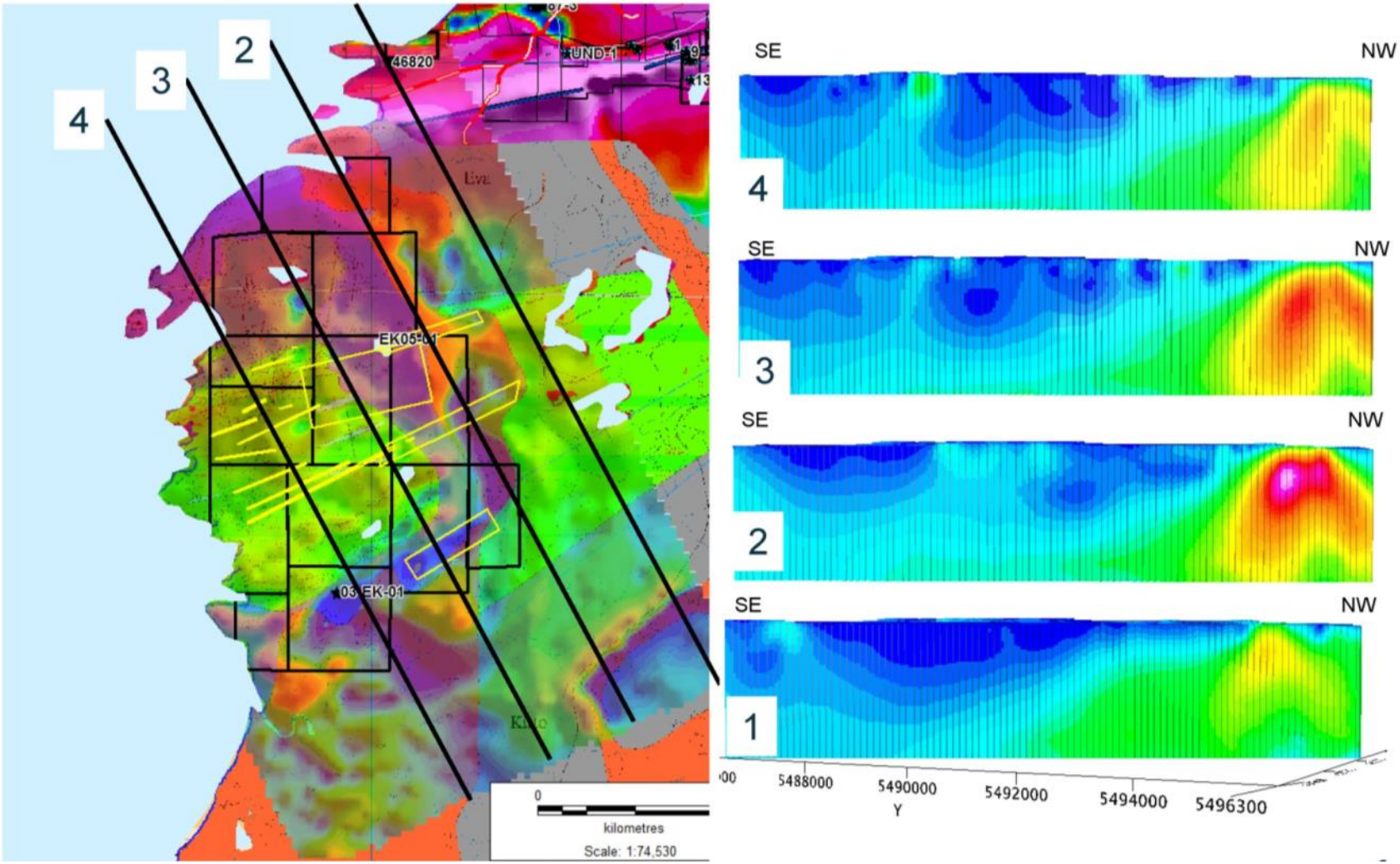

Figure 9. Modelling of the airborne magnetic data with vertical cross-sections along a northwest trend.

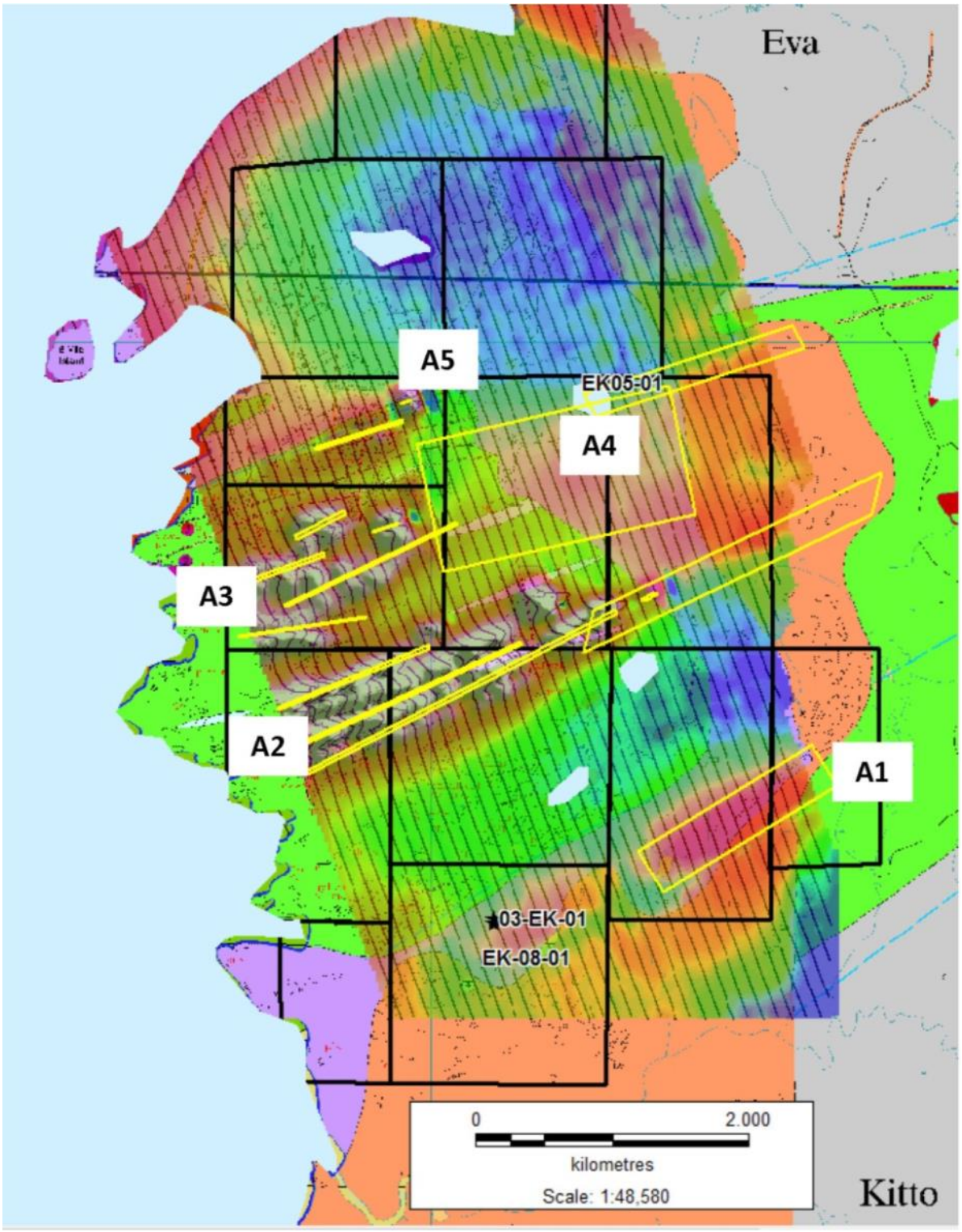

Figure 10. B-field channel 24 from the VTEM survey with modelled conductors highlighted in yellow

7. STATEMENT OF EXPENDITURES

A summary of the expenditures associated with the mapping and sampling, analytical work, geophysical interpretation, and re-logging and sampling of the core.

Table 4. Summary of expenditures

Costs of Work			
from	to	Type	cost
19/10/2014	22/10/2014	field visit	$ 4,800
01/12/2014	01/02/2015	geophysical interpretation	$ 1,500
01/04/2015	01/08/2015	relogging core and sampling	$ 8,625
01/04/2015	01/08/2015	core cutting	$ 2,100
02/01/2016	02/03/2016	interpretation and reporting	$ 3,750
Associated Costs			
24/11/2014		field samples	$ 753
16/07/2015	23/07/2015	core samples	$ 12,328
19/10/2014	22/10/2014	field supplies	$ 157
01/04/2015	01/08/2015	field supplies	$ 258
01/04/2015	01/08/2015	core saw and facilities	$ 1,350
Transportation			
19/10/2014	22/10/2014	Vehicle expense	$ 510
01/04/2015	01/08/2015	Vehicle expense	$ 1,050
Food and Lodging			
19/10/2014	22/10/2014	food and accommodations	$ 343
		total	$ 37,656

8. DISCUSSION OF RESULTS

Previous sampling had noted that in drill hole 03-EK-02 there was a Cr rich layer possibly reflecting the presence of chromite as a cumulus phase, with the same zone also containing elevated Ni, Cu and PGM coincident with the presence of trace cpy-po mineralization (Fig. 11a and 11b). The initial sampling of this hole was not complete and the mineralization was logged as extending beyond the sampled intervals. The additional sampling completed by Transition Metals suggests that there is a possibility of reef-style mineralization within the Kitto Intrusion besides the more marginal mineralization that may be associated with contamination by the footwall iron formations (Fig. 12a and 12b). Although the sampling in hole EK-07-02 suggests that the geometry of the intrusion may change across its width, with the high Cr horizon being located close to surface in the north-central portion of the intrusion (Fig. 6, 13a, and 13b). The marginal mineralization was not intersected in Hole EK-07-02, but this hole intersected Quetico metasediments in the footwall rather than Archean iron formations so the potential for PGE mineralization still exists to the west where the intrusion intersects a number of iron formations in both the foot and hanging wall (Fig. 6). Hole EK-12-01 was drilled to the northwest of EK-07-02, and did not intersect the footwall. This hole was not sampled as part of this program.

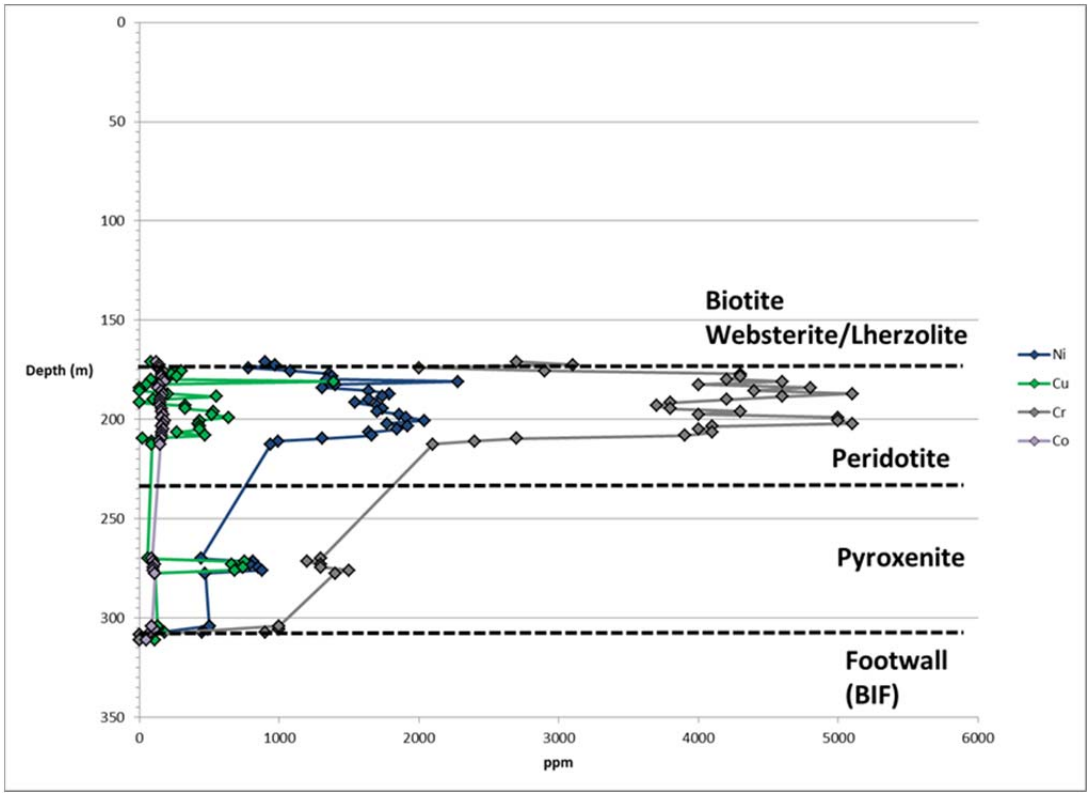

Figure 11a. Hole 03EK-02 initial sampling with the base metals abundances

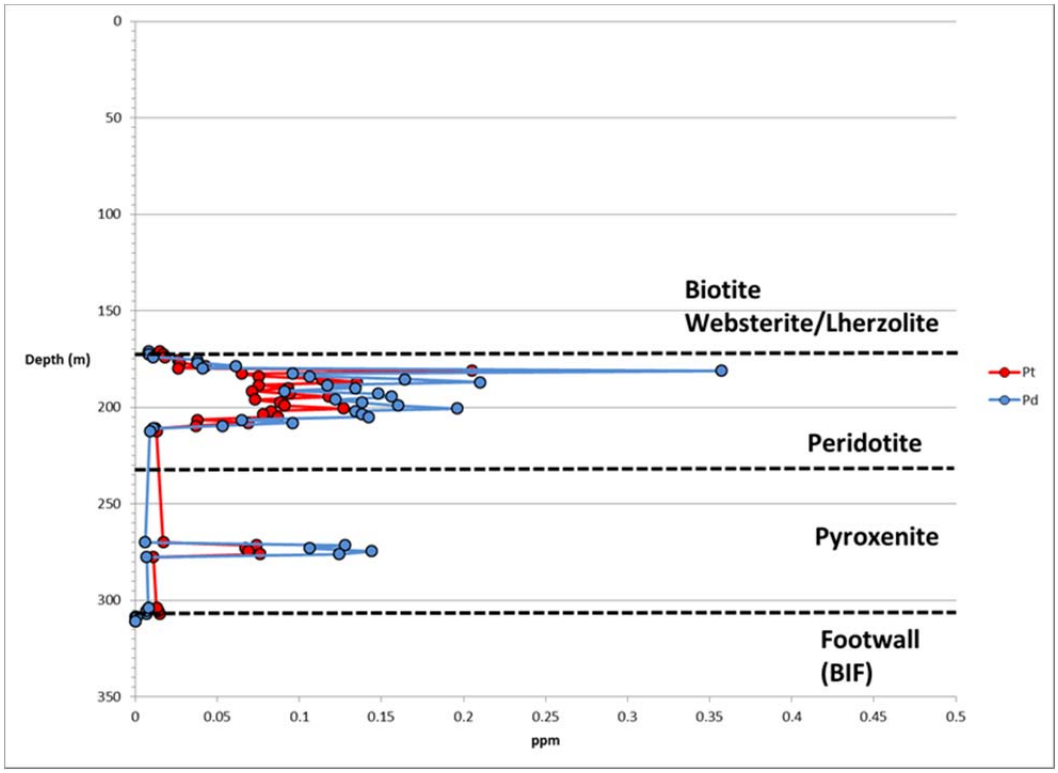

Figure 11b. Hole 03EK-02 initial sampling with the Pt and Pd abundances

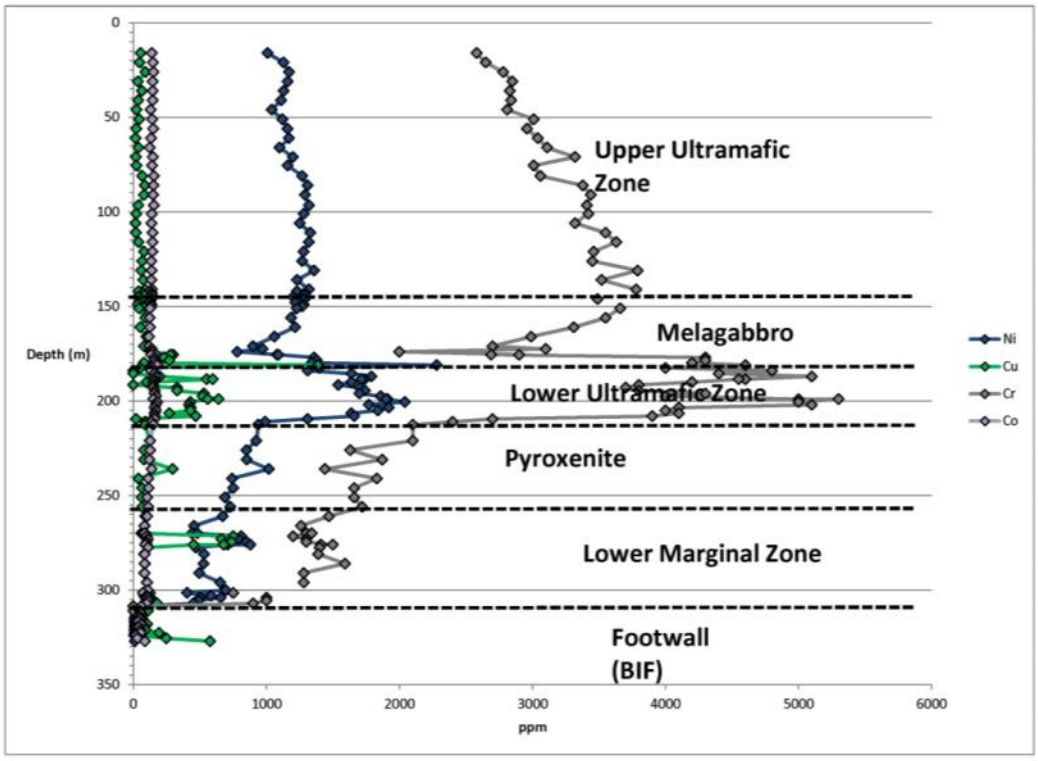

Figure 12a. Hole 03EK-02 combined sample results with the base metals abundances

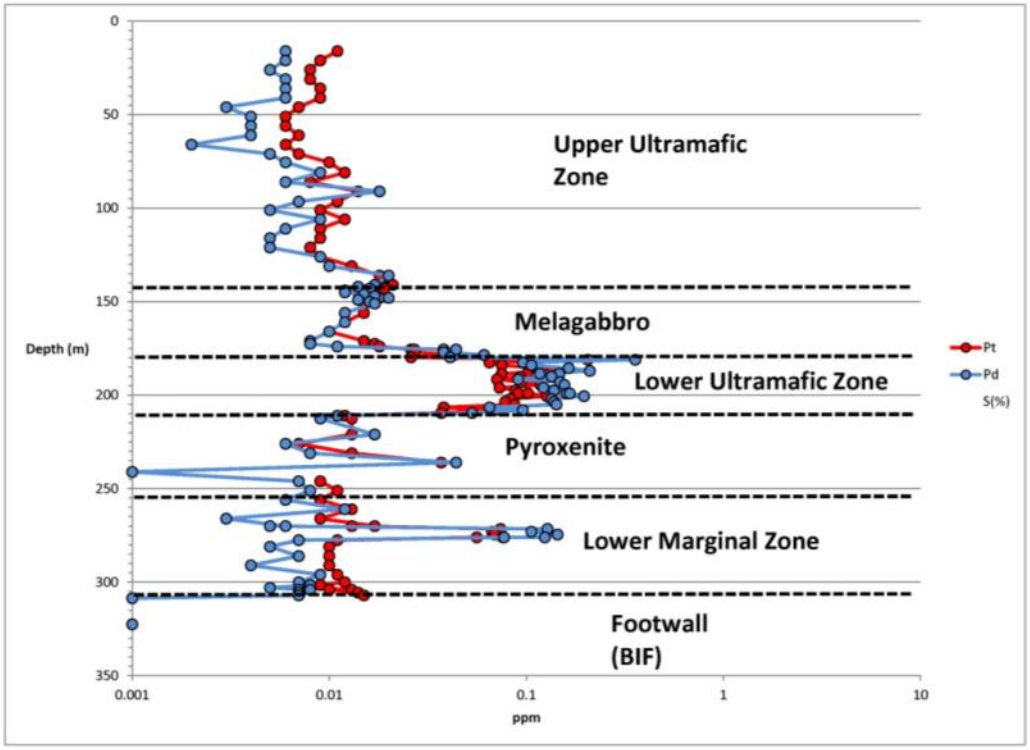

Figure 12b. Hole 03EK-02 combined sample results with the Pt and Pd abundances

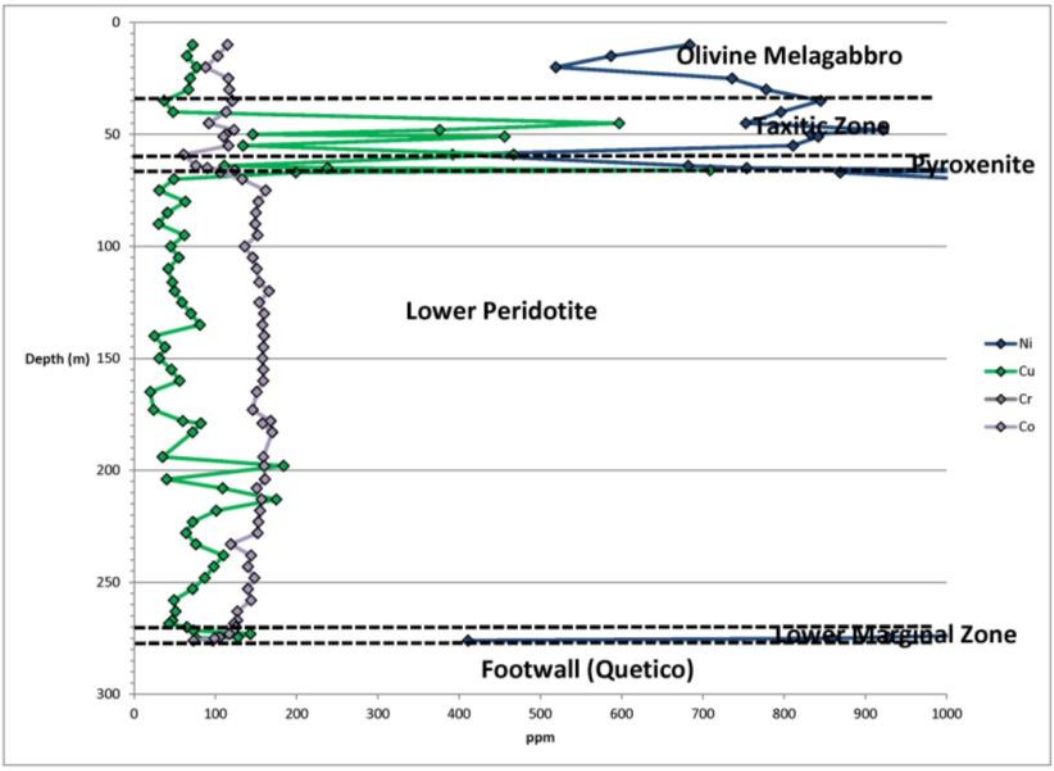

Figure 13a. Hole EK-07-02 combined sample results with the base metals abundances

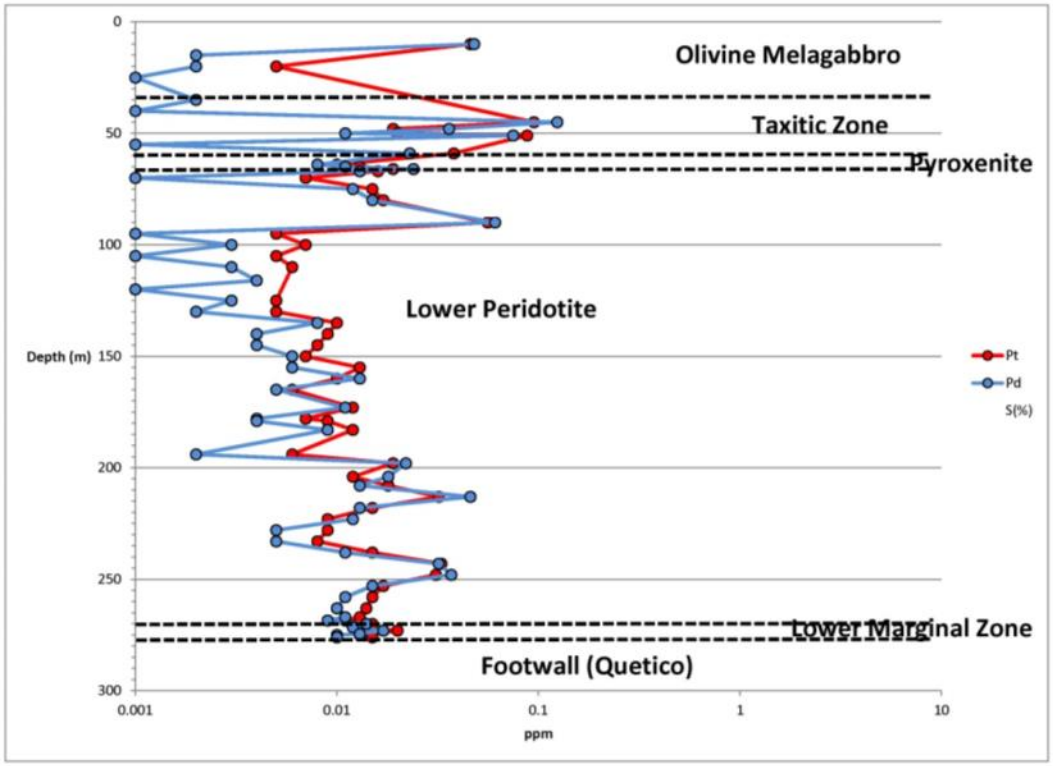

Figure 13b. Hole EK-07-02 combined sample results with the Pt and Pd abundances

7. RECOMMENDATION

Additional work is recommended to better identify the controls on PGE mineralization and to test these controls. This work should include:

- Field mapping and sampling along selected traverses across the intrusion and ground truthing of geophysical anomalies (2 weeks)
- located and determine if any of the historical drill holes could be tested with downhole geophysical surveys
- completion of two diamond drill holes to test the area where the intrusion intersects the Archean iron formation in the central portion of the intrusion.

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10. STATEMENT OF THE AUTHOR

I, Thomas Hart do hereby certify that:

1) I reside at 2404 Algonquin Road, Sudbury, Ontario P3E 5V1,

2) I graduated with a M.Sc. (Geology) degree in 1984 from the University of Toronto.

3) I have been practicing my profession in Canada since 1984, as an exploration geologist (an employee and independent consultant) on precious and base metal projects with exploration/mining companies in Canada, and as a mapping geologist with the Ontario Geological Survey.

4) I am the proprietor of Hart Geoscience Inc., a consulting company based in Sudbury Ontario contracted by Transition Metals Corp. to provide management services with respect to on-going exploration and development activities on their properties in Ontario. In this capacity, I am authorized to act as an Agent of the Company.

4) I am a member of the Association of Professional Geoscientists of Ontario

7) I supervised this work program and wrote this technical report.

Signed this 8th day of April, 2016 in the City of Sudbury, Ontario

Thomas Hart, M.Sc., P. Geo.

APPENDIX A:
ANALYTICAL CERTIFICATES
FOR THE 2014 FIELD SAMPLING PROGRAM

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 24- NOV- 2014
Account: TRAMET

CERTIFICATE TB14171079

Project: 36

This report is for 10 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11- NOV- 2014.

The following have access to data associated with this certificate:

PETER MCINTYRE TRAMET/ HTXMIN WEBTRIEVE	SCOTT MCLEAN	GRANT MOURRE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85%< 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	Lithium Borate Fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES
ME- 4ACD81	Base Metals by 4- acid dig.	ICP- AES
S- IR08	Total Sulphur (Leco)	LECO

To: **TRANSITION METALS CORP.**
ATTN: GRANT MOURRE
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

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

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Project: 36

CERTIFICATE OF ANALYSIS TB14171079

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01
L060731		1.15	0.006	0.008	0.019	202	24.0	110	0.79	4.62	2.69	1.27	19.1	4.74	3.0	0.97
L060732		1.65	0.006	0.008	0.019	205	24.7	110	0.66	4.74	2.80	1.21	18.7	4.55	2.8	1.01
L060733		1.35	0.005	0.008	0.018	96.9	14.3	3110	0.19	1.48	0.62	0.48	5.2	1.78	1.1	0.28
L060734		1.41	0.008	0.006	0.003	232	26.5	110	0.73	4.54	2.54	1.29	18.8	4.67	3.0	1.00
L060735		0.96	0.003	0.257	0.039	336	29.8	1530	0.37	2.83	1.28	1.30	9.0	3.78	2.2	0.55
L060736		1.24	0.003	0.096	0.024	193.5	24.3	1610	0.43	2.74	1.20	1.01	9.5	3.34	2.0	0.48
L060737		1.07	0.006	0.007	0.019	221	24.1	110	0.68	4.85	2.69	1.28	18.8	4.51	2.7	0.99
L060738		1.14	0.003	0.008	0.018	208	24.6	110	0.67	4.56	2.56	1.23	18.9	4.44	2.8	1.02
L060739		1.04	0.004	0.007	0.021	221	23.4	120	0.66	4.69	2.87	1.21	18.7	4.58	3.0	0.97
L060740		0.74	0.004	0.005	0.020	222	24.7	110	0.99	4.79	2.65	1.28	18.9	4.29	2.9	1.00

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

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Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	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	5
L060731		10.7	0.35	6.5	14.4	3.13	19.4	3.76	1	154.0	0.4	0.79	2.11	0.40	0.63	347
L060732		11.3	0.39	6.0	14.9	3.28	19.2	3.91	1	157.5	0.4	0.78	2.18	0.43	0.77	349
L060733		5.9	0.07	2.4	8.8	1.88	7.2	2.14	<1	110.0	0.1	0.26	0.47	0.08	0.18	123
L060734		11.9	0.41	9.9	15.4	3.41	17.7	4.22	1	171.0	0.4	0.77	2.16	0.42	0.74	350
L060735		13.6	0.16	7.0	17.7	3.91	17.3	4.30	1	165.0	0.4	0.52	1.22	0.19	0.25	214
L060736		10.4	0.13	5.1	15.2	3.32	9.3	3.52	1	221	0.3	0.51	1.11	0.17	0.24	200
L060737		10.6	0.38	6.1	14.1	3.17	18.4	4.10	1	161.0	0.4	0.77	1.98	0.42	0.60	352
L060738		11.2	0.40	6.1	14.7	3.12	18.1	3.93	1	158.5	0.4	0.75	2.04	0.39	0.66	344
L060739		10.5	0.38	6.0	14.4	3.16	17.3	4.14	1	169.0	0.3	0.77	1.97	0.40	0.59	345
L060740		11.0	0.39	5.9	14.7	3.22	20.9	4.18	1	180.0	0.4	0.79	2.12	0.43	0.69	344

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

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Finalized Date: 24- NOV- 2014
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB14171079

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	1	0.5	0.03	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
L060731		<1	25.7	2.54	116	49.0	13.75	14.65	9.49	6.13	2.36	0.71	0.01	1.36	0.21	0.16
L060732		<1	25.0	2.57	105	49.6	13.85	14.30	9.97	6.60	2.29	0.65	0.01	1.38	0.19	0.15
L060733		<1	6.4	0.52	42	40.8	2.63	15.55	4.59	30.6	0.39	0.25	0.42	0.57	0.20	0.07
L060734		<1	24.9	2.56	105	50.0	13.85	14.30	10.15	6.56	2.45	0.63	0.02	1.38	0.20	0.15
L060735		<1	13.2	1.10	93	47.1	4.66	15.10	10.15	17.90	0.78	0.65	0.21	1.16	0.22	0.14
L060736		<1	11.8	1.05	79	47.5	5.56	15.05	9.69	18.80	1.01	0.40	0.22	1.07	0.21	0.11
L060737		1	25.5	2.54	111	49.0	13.55	14.25	9.73	6.34	2.32	0.63	0.02	1.36	0.20	0.15
L060738		<1	25.3	2.51	106	50.4	14.15	14.55	9.86	6.38	2.45	0.70	0.01	1.33	0.19	0.13
L060739		<1	25.3	2.50	112	49.1	13.60	14.05	9.61	6.42	2.38	0.59	0.02	1.34	0.19	0.14
L060740		<1	25.4	2.53	112	49.3	13.55	14.30	9.59	6.25	2.28	0.70	0.01	1.35	0.20	0.13

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 24- NOV- 2014
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB14171079

Sample Description	Method	ME- ICP06	ME- ICP06	OA- GRA05	TOT- ICP06	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81
	Analyte	SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
	Units	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
L060731		0.02	0.02	0.46	98.33	<0.5	6	<0.5	54	224	10	1	109	<2	34	10
L060732		0.02	0.02	0.74	99.77	<0.5	<5	0.5	52	213	20	<1	111	<2	33	<10
L060733		0.01	0.01	2.34	98.43	<0.5	<5	<0.5	150	23	10	<1	1220	<2	16	<10
L060734		0.02	0.03	0.65	100.39	<0.5	<5	<0.5	54	187	10	<1	114	3	34	<10
L060735		0.02	0.04	1.12	99.25	<0.5	<5	<0.5	103	78	10	<1	514	4	35	10
L060736		0.03	0.02	0.44	100.11	<0.5	<5	0.5	96	64	<10	1	546	8	31	<10
L060737		0.02	0.02	0.64	98.23	<0.5	<5	<0.5	54	229	10	<1	114	4	35	<10
L060738		0.02	0.02	0.70	100.89	<0.5	<5	<0.5	55	197	10	1	113	4	34	10
L060739		0.02	0.02	0.74	98.22	<0.5	<5	<0.5	54	199	10	1	119	3	34	10
L060740		0.02	0.02	0.56	98.26	<0.5	5	<0.5	53	214	10	<1	106	2	34	<10

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 24- NOV- 2014
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB14171079

Sample Description	Method	ME-4ACD81	S-IR08
	Analyte	Zn	S
	Units	ppm	%
	LOR	2	0.01
L060731		150	0.03
L060732		107	0.03
L060733		102	0.05
L060734		139	0.04
L060735		137	0.05
L060736		133	0.03
L060737		124	0.03
L060738		114	0.04
L060739		125	0.03
L060740		118	0.02

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 24- NOV- 2014
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB14171079

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

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

Applies to Method:				
	ME- 4ACD81	ME- ICP06	ME- MS81	OA- GRA05
	PGM- ICP23	S- IR08	TOT- ICP06	

APPENDIX B:

SAMPLE NOTES FOR 2014 FIELD SAMPLES

Sample	East	North	Lithology	Au_ppm_PGM-ICP23	Pt_ppm_PGM-ICP23	Pd_ppm_PGM-ICP23	Ba_ppm_ME-MS81	Ce_ppm_ME-MS81	Cr_ppm_ME-MS81	Cs_ppm_ME-MS81	Dy_ppm_ME-MS81	Er_ppm_ME-MS81	Eu_ppm_ME-MS81	Ga_ppm_ME-MS81
L060731	418290	5487375	m.g. equigranular massive gabbro.	0.006	0.008	0.019	202	24	110	0.79	4.62	2.69	1.27	19.1
L060732	418292	5487377	m.g. equigranular massive gabbro.	0.006	0.008	0.019	205	24.7	110	0.66	4.74	2.8	1.21	18.7
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	0.005	0.008	0.018	96.9	14.3	3110	0.19	1.48	0.62	0.48	5.2
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	0.008	0.006	0.003	232	26.5	110	0.73	4.54	2.54	1.29	18.8
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	0.003	0.257	0.039	336	29.8	1530	0.37	2.83	1.28	1.3	9
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	0.003	0.096	0.024	193.5	24.3	1610	0.43	2.74	1.2	1.01	9.5
L060737	418262	5487403	m.g. equigranular massive gabbro	0.006	0.007	0.019	221	24.1	110	0.68	4.85	2.69	1.28	18.8
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	0.003	0.008	0.018	208	24.6	110	0.67	4.56	2.56	1.23	18.9
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	0.004	0.007	0.021	221	23.4	120	0.66	4.69	2.87	1.21	18.7
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	0.004	0.005	0.02	222	24.7	110	0.99	4.79	2.65	1.28	18.9

Sample	East	North	Lithology	Gd_ppm_ ME-MS81	Hf_ppm_ ME-MS81	Ho_ppm_ ME-MS81	La_ppm_ ME-MS81	Lu_ppm_ ME-MS81	Nb_ppm_ ME-MS81	Nd_ppm_ ME-MS81	Pr_ppm_ ME-MS81	Rb_ppm_ ME-MS81	Sm_ppm_ ME-MS81	Sn_ppm_ ME-MS81
L060731	418290	5487375	m.g. equigranular massive gabbro.	4.74	3	0.97	10.7	0.35	6.5	14.4	3.13	19.4	3.76	1
L060732	418292	5487377	m.g. equigranular massive gabbro.	4.55	2.8	1.01	11.3	0.39	6	14.9	3.28	19.2	3.91	1
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	1.78	1.1	0.28	5.9	0.07	2.4	8.8	1.88	7.2	2.14	<1
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	4.67	3	1	11.9	0.41	9.9	15.4	3.41	17.7	4.22	1
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	3.78	2.2	0.55	13.6	0.16	7	17.7	3.91	17.3	4.3	1
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	3.34	2	0.48	10.4	0.13	5.1	15.2	3.32	9.3	3.52	1
L060737	418262	5487403	m.g. equigranular massive gabbro	4.51	2.7	0.99	10.6	0.38	6.1	14.1	3.17	18.4	4.1	1
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	4.44	2.8	1.02	11.2	0.4	6.1	14.7	3.12	18.1	3.93	1
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	4.58	3	0.97	10.5	0.38	6	14.4	3.16	17.3	4.14	1
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	4.29	2.9	1	11	0.39	5.9	14.7	3.22	20.9	4.18	1

Sample	East	North	Lithology	Sr_ppm_ ME-MS81	Ta_ppm_ ME-MS81	Tb_ppm_ ME-MS81	Th_ppm_ ME-MS81	Tm_ppm_ ME-MS81	U_ppm_M E-MS81	V_ppm_M E-MS81	W_ppm_ ME-MS81	Y_ppm_M E-MS81	Yb_ppm_ ME-MS81	Zr_ppm_ ME-MS81
L060731	418290	5487375	m.g. equigranular massive gabbro.	154	0.4	0.79	2.11	0.4	0.63	347	<1	25.7	2.54	116
L060732	418292	5487377	m.g. equigranular massive gabbro.	157.5	0.4	0.78	2.18	0.43	0.77	349	<1	25	2.57	105
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	110	0.1	0.26	0.47	0.08	0.18	123	<1	6.4	0.52	42
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	171	0.4	0.77	2.16	0.42	0.74	350	<1	24.9	2.56	105
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	165	0.4	0.52	1.22	0.19	0.25	214	<1	13.2	1.1	93
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	221	0.3	0.51	1.11	0.17	0.24	200	<1	11.8	1.05	79
L060737	418262	5487403	m.g. equigranular massive gabbro	161	0.4	0.77	1.98	0.42	0.6	352	1	25.5	2.54	111
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	158.5	0.4	0.75	2.04	0.39	0.66	344	<1	25.3	2.51	106
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	169	0.3	0.77	1.97	0.4	0.59	345	<1	25.3	2.5	112
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	180	0.4	0.79	2.12	0.43	0.69	344	<1	25.4	2.53	112

Sample	East	North	Lithology	SiO2_%_ME-ICP06	Al2O3_%_ME-ICP06	Fe2O3_%_ME-ICP06	CaO_%_ME-ICP06	MgO_%_ME-ICP06	Na2O_%_ME-ICP06	K2O_%_ME-ICP06	Cr2O3_%_ME-ICP06	TiO2_%_ME-ICP06	MnO_%_ME-ICP06	P2O5_%_ME-ICP06
L060731	418290	5487375	m.g. equigranular massive gabbro.	49	13.75	14.65	9.49	6.13	2.36	0.71	0.01	1.36	0.21	0.16
L060732	418292	5487377	m.g. equigranular massive gabbro.	49.6	13.85	14.3	9.97	6.6	2.29	0.65	0.01	1.38	0.19	0.15
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	40.8	2.63	15.55	4.59	30.6	0.39	0.25	0.42	0.57	0.2	0.07
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	50	13.85	14.3	10.15	6.56	2.45	0.63	0.02	1.38	0.2	0.15
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	47.1	4.66	15.1	10.15	17.9	0.78	0.65	0.21	1.16	0.22	0.14
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	47.5	5.56	15.05	9.69	18.8	1.01	0.4	0.22	1.07	0.21	0.11
L060737	418262	5487403	m.g. equigranular massive gabbro	49	13.55	14.25	9.73	6.34	2.32	0.63	0.02	1.36	0.2	0.15
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	50.4	14.15	14.55	9.86	6.38	2.45	0.7	0.01	1.33	0.19	0.13
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	49.1	13.6	14.05	9.61	6.42	2.38	0.59	0.02	1.34	0.19	0.14
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	49.3	13.55	14.3	9.59	6.25	2.28	0.7	0.01	1.35	0.2	0.13

Sample	East	North	Lithology	SrO_%_ME-ICP06	BaO_%_ME-ICP06	LOI_%_OA-GRA05	Total_%_TOT-ICP06	Ag_ppm_ME-4ACD81	As_ppm_ME-4ACD81	Cd_ppm_ME-4ACD81	Co_ppm_ME-4ACD81	Cu_ppm_ME-4ACD81	Li_ppm_ME-4ACD81	Mo_ppm_ME-4ACD81
L060731	418290	5487375	m.g. equigranular massive gabbro.	0.02	0.02	0.46	98.33	<0.5	6	<0.5	54	224	10	1
L060732	418292	5487377	m.g. equigranular massive gabbro.	0.02	0.02	0.74	99.77	<0.5	<5	0.5	52	213	20	<1
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	0.01	0.01	2.34	98.43	<0.5	<5	<0.5	150	23	10	<1
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	0.02	0.03	0.65	100.39	<0.5	<5	<0.5	54	187	10	<1
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	0.02	0.04	1.12	99.25	<0.5	<5	<0.5	103	78	10	<1
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	0.03	0.02	0.44	100.11	<0.5	<5	0.5	96	64	<10	1
L060737	418262	5487403	m.g. equigranular massive gabbro	0.02	0.02	0.64	98.23	<0.5	<5	<0.5	54	229	10	<1
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	0.02	0.02	0.7	100.89	<0.5	<5	<0.5	55	197	10	1
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	0.02	0.02	0.74	98.22	<0.5	<5	<0.5	54	199	10	1
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	0.02	0.02	0.56	98.26	<0.5	5	<0.5	53	214	10	<1

Sample	East	North	Lithology	Ni_ppm_ ME-4ACD81	Pb_ppm_ ME-4ACD81	Sc_ppm_ ME-4ACD81	Tl_ppm_M E-4ACD81	Zn_ppm_ ME-4ACD81	S_%_S-IR08
L060731	418290	5487375	m.g. equigranular massive gabbro.	109	<2	34	10	150	0.03
L060732	418292	5487377	m.g. equigranular massive gabbro.	111	<2	33	<10	107	0.03
L060733	418315	5487312	Oikocrystic, coarse-grained, peridotite with 15% biotite	1220	<2	16	<10	102	0.05
L060734	418293	5487375	massive, medium-grained, Sulfide mineralized gabbro	114	3	34	<10	139	0.04
L060735	419079	5492231	medium-grained pyroxene porphyritic olivine melagabbro	514	4	35	10	137	0.05
L060736	419037	5491944	medium-grained pyroxene porphyritic olivine melagabbro	546	8	31	<10	133	0.03
L060737	418262	5487403	m.g. equigranular massive gabbro	114	4	35	<10	124	0.03
L060738	418262	5487403	m.g. equigranular massive gabbro 1 m above L060738	113	4	34	10	114	0.04
L060739	418361	5487326	m-f. g. equigranular massive gabbro resembles Nipigon sill	119	3	34	10	125	0.03
L060740	418383	5487307	m-f. g. equigranular massive gabbro resembles Nipigon sill	106	2	34	<10	118	0.02

APPENDIX C:

ANALYTICAL CERTIFICATES

FOR THE RE-SAMPLING OF THE HISTORICAL DIAMOND DRILL HOLES

ALS Canada Ltd.

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

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

CERTIFICATE TB15093585

Project: 36

This report is for 156 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 26- JUN- 2015.

The following have access to data associated with this certificate:

GREG COLLINS	STEVE FLANK	THOMAS HART
PETER MCINTYRE	SCOTT MCLEAN	GRANT MOURRE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/ o BarCode
CRU- 31	Fine crushing - 70%< 2mm
SPL- 21	Split sample - riffle splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85%< 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP06	Whole Rock Package - ICP- AES	ICP- AES
OA- GRA05	Loss on Ignition at 1000C	WST- SEQ
ME- MS81	Lithium Borate Fusion ICP- MS	ICP- MS
TOT- ICP06	Total Calculation for ICP06	ICP- AES
ME- 4ACD81	Base Metals by 4- acid dig.	ICP- AES
S- IR08	Total Sulphur (Leco)	LECO
ME- ICP61	33 element four acid ICP- AES	ICP- AES

To: **TRANSITION METALS CORP.**
ATTN: STEVE FLANK
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

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.
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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01
591450		3.07	0.004	0.018	0.013	282	17.4	4500	0.68	1.59	0.54	0.73	6.3	1.92	1.2	0.22
591451		3.10	0.004	0.032	0.046	243	17.3	4430	0.40	1.52	0.62	0.71	6.7	1.78	1.3	0.26
591452		2.79	<0.001	0.015	0.013	194.0	17.5	4510	0.36	1.51	0.74	0.71	6.4	2.23	1.9	0.26
591453		3.17	0.001	0.009	0.012	202	18.2	4560	0.35	1.45	0.69	0.79	6.6	2.10	1.4	0.23
591454		3.15	0.001	0.009	0.005	213	18.0	4160	0.26	1.43	0.71	0.67	6.3	1.91	1.3	0.26
591455		2.90	0.001	0.008	0.005	378	16.8	3340	0.75	1.48	0.80	0.80	7.1	2.24	1.5	0.32
591456		2.92	0.001	0.015	0.011	253	20.9	4720	0.42	1.56	0.72	0.79	7.2	2.29	1.4	0.27
591457		2.76	0.001	0.033	0.032	287	23.3	4600	0.55	1.80	0.90	0.96	7.6	2.42	1.5	0.31
591458		1.41	<0.001	0.019	0.018											
591459		1.47	0.001	0.029	0.019											
591460		1.37	0.001	0.013	0.008											
591461		1.22	<0.001	0.015	0.004											
591462		1.10	<0.001	0.005	0.003											
591463		1.27	<0.001	0.008	0.004											
591464		1.67	<0.001	0.008	0.002											
591465		1.45	<0.001	0.009	0.005											
591466		1.23	0.002	0.025	0.027											
591467		1.23	0.002	0.015	0.021											
591468		1.30	<0.001	0.014	0.013											
591469		1.56	<0.001	0.063	0.082											
591470		1.43	<0.001	0.053	0.029											
591471		1.04	<0.001	0.073	0.015											
591472		1.26	<0.001	0.026	0.016											
591473		1.44	<0.001	0.009	0.011											
591474		1.36	<0.001	0.006	0.004											
591475		1.46	0.003	0.036	0.040											
591476		1.51	0.001	0.009	0.004	210	25.7	1730	0.29	2.59	1.28	1.07	10.1	3.46	2.0	0.43
591477		1.38	<0.001	0.011	0.006	171.5	19.0	2580	0.19	1.77	0.89	0.67	6.5	2.45	1.1	0.33
591478		1.30	0.003	0.009	0.006	129.0	14.0	2650	0.22	1.37	0.63	0.63	6.1	1.96	0.9	0.26
591479		1.33	<0.001	0.008	0.005	192.0	18.9	2780	0.27	1.78	0.69	0.84	6.7	2.09	1.5	0.30
591480		1.37	<0.001	0.008	0.006	127.5	17.9	2850	0.29	1.69	0.60	0.62	6.6	2.18	1.6	0.25
591481		1.50	0.001	0.009	0.006	137.0	17.4	2830	0.21	1.58	0.83	0.66	6.5	2.08	1.2	0.27
591482		1.52	0.001	0.009	0.006	114.5	15.2	2840	0.36	1.63	0.75	0.59	6.9	1.90	1.2	0.26
591483		1.28	<0.001	0.007	0.003	119.5	14.9	2810	0.46	1.78	0.89	0.57	7.0	2.21	1.4	0.32
591484		1.50	<0.001	0.006	0.004	132.5	16.0	3010	0.25	1.62	0.77	0.59	6.5	2.10	1.2	0.26
591485		1.53	<0.001	0.006	0.004	150.5	15.3	2960	0.50	1.49	0.63	0.48	6.2	2.06	1.2	0.27
591486		1.44	<0.001	0.007	0.004	211	12.2	3040	0.42	1.43	0.62	0.44	6.3	1.96	1.2	0.24
591487		1.44	<0.001	0.006	0.002	185.5	11.6	3110	0.52	1.67	0.82	0.45	6.2	2.03	1.3	0.33
591488		1.46	<0.001	0.007	0.005	158.0	12.0	3320	0.57	1.49	0.67	0.43	5.9	1.95	1.0	0.26
591489		1.37	<0.001	0.010	0.006	142.5	12.4	3010	0.56	1.49	0.55	0.50	6.3	1.82	1.5	0.26

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	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	5
591450		8.1	0.09	3.5	9.9	2.20	8.3	2.04	1	141.5	0.2	0.29	0.58	0.07	0.14	118
591451		8.0	0.08	3.5	9.7	2.12	9.1	2.05	1	142.5	0.2	0.26	0.66	0.12	0.19	126
591452		8.2	0.07	3.3	10.3	2.16	10.2	2.33	1	117.0	0.2	0.25	0.53	0.07	0.31	125
591453		8.8	0.07	3.4	10.1	2.27	10.1	2.22	1	110.5	0.2	0.26	0.60	0.10	0.20	129
591454		8.4	0.06	3.4	10.1	2.18	9.8	2.22	1	128.0	0.2	0.24	0.61	0.08	0.20	128
591455		7.6	0.09	3.4	10.3	2.23	7.3	2.51	1	133.5	0.2	0.32	0.56	0.11	0.15	142
591456		10.3	0.10	3.9	11.8	2.65	11.2	2.13	1	131.5	0.3	0.30	0.74	0.09	0.19	128
591457		11.4	0.11	4.2	12.5	2.81	12.5	2.66	1	139.5	0.2	0.30	0.71	0.12	0.21	139
591458																
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591476		11.0	0.12	4.2	15.9	3.47	9.5	3.19	1	260	0.3	0.42	0.83	0.16	0.16	199
591477		8.9	0.11	2.6	11.1	2.44	9.0	2.55	1	127.0	0.2	0.30	0.53	0.11	0.16	141
591478		5.6	0.06	2.5	8.9	1.82	9.1	2.10	1	153.5	0.1	0.28	0.37	0.08	0.10	126
591479		8.7	0.10	3.9	10.6	2.34	11.7	2.44	1	192.0	0.2	0.26	0.81	0.11	0.29	133
591480		8.0	0.09	3.4	9.9	2.38	12.3	2.15	1	117.0	0.2	0.26	0.72	0.09	0.23	132
591481		7.7	0.09	3.2	9.9	2.25	9.7	2.27	1	132.0	0.2	0.26	0.72	0.10	0.17	131
591482		6.7	0.08	2.6	9.0	2.05	12.9	2.01	<1	101.0	0.1	0.27	0.45	0.08	0.12	144
591483		6.1	0.08	3.3	9.9	2.01	18.8	2.03	1	74.0	0.2	0.30	0.56	0.10	0.32	137
591484		7.0	0.07	2.8	9.9	2.22	13.9	2.03	1	90.8	0.2	0.28	0.52	0.09	0.14	142
591485		6.5	0.07	2.9	9.1	2.02	27.9	1.80	<1	37.1	0.2	0.28	0.63	0.08	0.20	155
591486		4.1	0.09	2.7	8.9	1.72	31.2	2.22	1	49.4	0.2	0.26	0.54	0.09	0.28	133
591487		4.0	0.10	3.5	9.6	1.86	31.5	2.31	1	28.5	0.2	0.32	0.82	0.10	0.53	132
591488		4.3	0.08	2.8	8.9	1.73	25.8	2.32	<1	43.0	0.2	0.22	0.54	0.09	0.19	141
591489		4.2	0.08	3.3	8.9	1.91	22.3	2.00	1	45.6	0.2	0.26	0.61	0.10	0.16	141

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	1	0.5	0.03	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
591450		1	6.2	0.48	47	41.1	3.39	17.25	2.92	31.1	0.51	0.36	0.65	0.64	0.23	0.08
591451		<1	6.2	0.57	48	40.9	3.33	17.05	2.97	31.1	0.45	0.37	0.63	0.63	0.23	0.08
591452		<1	6.6	0.51	48	40.2	3.15	16.90	2.92	30.9	0.38	0.38	0.63	0.63	0.22	0.08
591453		<1	6.6	0.58	46	40.4	3.26	17.35	2.98	30.4	0.37	0.39	0.63	0.64	0.23	0.08
591454		<1	6.6	0.56	49	41.1	3.28	17.80	3.45	30.0	0.44	0.39	0.60	0.64	0.23	0.09
591455		1	7.7	0.77	48	43.9	3.43	14.60	6.73	26.8	0.54	0.30	0.47	0.72	0.22	0.08
591456		<1	7.3	0.56	54	41.2	3.67	16.25	3.12	30.6	0.39	0.43	0.65	0.71	0.22	0.09
591457		<1	7.6	0.67	51	42.4	4.11	16.20	3.34	29.4	0.57	0.52	0.66	0.76	0.23	0.10
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591476		<1	11.0	0.84	73	45.8	5.43	14.55	7.78	20.5	1.07	0.44	0.24	1.03	0.19	0.12
591477		<1	7.9	0.67	42	42.8	3.34	15.85	6.06	27.5	0.47	0.36	0.37	0.66	0.21	0.08
591478		<1	6.4	0.57	37	40.5	3.53	16.15	4.30	28.6	0.39	0.35	0.38	0.64	0.20	0.07
591479		<1	7.3	0.67	59	40.2	3.40	17.00	3.40	28.7	0.35	0.47	0.39	0.76	0.22	0.09
591480		<1	7.1	0.67	59	41.3	3.54	17.25	3.62	29.2	0.29	0.47	0.41	0.69	0.22	0.07
591481		<1	6.7	0.65	41	41.3	3.36	16.75	4.16	28.7	0.35	0.41	0.41	0.64	0.22	0.07
591482		<1	6.7	0.58	43	42.5	3.48	15.95	5.35	27.8	0.38	0.53	0.41	0.66	0.20	0.06
591483		<1	7.7	0.77	47	43.1	3.34	14.75	6.12	27.5	0.33	0.71	0.41	0.68	0.17	0.07
591484		<1	7.2	0.59	44	42.9	3.34	16.55	5.38	28.2	0.37	0.55	0.43	0.67	0.21	0.08
591485		<1	6.6	0.54	41	42.9	3.23	15.95	5.26	27.8	0.22	1.11	0.43	0.64	0.20	0.06
591486		1	6.5	0.59	42	42.2	3.19	15.35	5.28	28.7	0.17	1.13	0.44	0.60	0.19	0.07
591487		<1	7.7	0.64	52	41.7	2.93	14.20	5.95	28.0	0.16	1.11	0.45	0.68	0.17	0.06
591488		<1	6.4	0.59	40	41.0	3.20	16.85	3.82	28.9	0.18	0.94	0.48	0.64	0.20	0.09
591489		1	6.7	0.64	49	41.0	3.06	16.20	4.30	28.1	0.19	0.82	0.44	0.68	0.20	0.06

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME- ICP06	ME- ICP06	OA- GRA05	TOT- ICP06	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81	ME- 4ACD81
	Analyte	SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
	Units	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
591450		0.02	0.03	0.81	99.09	<0.5	<5	<0.5	147	109	<10	1	1540	18	11	<10
591451		0.02	0.03	1.06	98.85	<0.5	<5	<0.5	153	175	<10	2	1580	8	12	<10
591452		0.01	0.02	1.74	98.16	<0.5	<5	<0.5	150	101	10	1	1520	4	12	<10
591453		0.01	0.02	2.50	99.26	<0.5	<5	<0.5	149	72	10	2	1470	5	12	<10
591454		0.02	0.02	1.17	99.23	<0.5	<5	<0.5	148	64	10	1	1460	3	13	<10
591455		0.02	0.04	1.36	99.21	<0.5	<5	<0.5	115	76	<10	2	1110	30	21	<10
591456		0.02	0.03	2.34	99.72	<0.5	<5	<0.5	140	110	<10	1	1510	7	11	<10
591457		0.02	0.03	2.05	100.39	<0.5	<5	<0.5	136	98	10	1	1640	7	12	<10
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591469																
591470																
591471																
591472																
591473																
591474																
591475																
591476		0.03	0.02	0.91	98.11	<0.5	<5	<0.5	101	67	<10	2	627	3	23	<10
591477		0.02	0.02	1.43	99.17	<0.5	<5	<0.5	135	54	10	2	1010	4	19	<10
591478		0.02	0.01	4.33	99.47	<0.5	<5	<0.5	143	47	10	1	1130	5	15	<10
591479		0.02	0.02	3.58	98.60	<0.5	<5	<0.5	147	92	10	1	1170	7	13	<10
591480		0.01	0.01	3.05	100.13	<0.5	<5	<0.5	142	34	10	1	1160	3	13	<10
591481		0.02	0.02	2.12	98.53	<0.5	<5	<0.5	141	65	10	1	1130	<2	14	<10
591482		0.01	0.01	1.90	99.24	<0.5	<5	<0.5	140	37	10	1	1110	2	18	<10
591483		0.01	0.01	2.23	99.43	<0.5	<5	<0.5	126	24	10	1	1040	2	18	<10
591484		0.01	0.01	0.93	99.63	<0.5	<5	<0.5	138	45	<10	1	1120	3	18	<10
591485		<0.01	0.02	1.44	99.26	<0.5	<5	<0.5	145	22	10	1	1160	3	19	<10
591486		<0.01	0.02	1.89	99.23	<0.5	<5	<0.5	129	16	10	2	1170	7	17	<10
591487		<0.01	0.02	3.67	99.10	<0.5	<5	<0.5	119	38	10	1	1100	4	16	<10
591488		<0.01	0.02	3.20	99.52	<0.5	<5	<0.5	143	19	10	1	1200	4	14	<10
591489		<0.01	0.02	4.17	99.24	<0.5	<5	<0.5	137	24	10	2	1160	6	16	<10

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method Analyte Units LOR	ME-4ACD81 Zn ppm 2	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1
591450		166	0.06	<0.5	151	109	1540
591451		152	0.07	<0.5	157	175	1580
591452		131	0.05	<0.5	155	101	1520
591453		132	0.07	<0.5	153	72	1470
591454		137	0.06	<0.5	152	64	1460
591455		180	0.07	<0.5	119	76	1110
591456		131	0.06	<0.5	144	110	1510
591457		136	0.08	<0.5	140	98	1640
591458			0.06	<0.5	149	33	1310
591459			0.08	<0.5	122	51	1260
591460			0.06	<0.5	105	28	794
591461			0.06	<0.5	82	36	529
591462			0.12	<0.5	71	34	435
591463			0.12	<0.5	73	41	430
591464			0.10	<0.5	91	27	585
591465			0.08	<0.5	87	85	605
591466			0.05	<0.5	82	58	679
591467			0.05	<0.5	81	58	593
591468			0.04	<0.5	67	28	544
591469			0.07	<0.5	81	37	649
591470			0.06	<0.5	74	98	466
591471			0.04	<0.5	63	52	415
591472			0.04	<0.5	66	53	401
591473			0.07	<0.5	89	55	697
591474			0.07	<0.5	70	72	545
591475			0.09	<0.5	89	143	664
591476		99	0.12	<0.5	105	67	627
591477		99	0.04	<0.5	139	54	1010
591478		100	0.04	<0.5	147	47	1130
591479		133	0.05	<0.5	151	92	1170
591480		103	0.04	<0.5	146	34	1160
591481		117	0.06	<0.5	146	65	1130
591482		95	0.05	<0.5	145	37	1110
591483		76	0.04	<0.5	130	24	1040
591484		99	0.06	<0.5	142	45	1120
591485		100	0.05	<0.5	149	22	1160
591486		93	0.03	<0.5	133	16	1170
591487		81	0.04	<0.5	122	38	1100
591488		101	0.06	<0.5	147	19	1200
591489		98	0.07	<0.5	141	24	1160

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01
591490		1.35	<0.001	0.012	0.009	127.0	15.1	3060	0.27	1.32	0.65	0.62	6.2	1.85	1.1	0.22
591491		1.36	0.001	0.008	0.006	153.5	18.1	3380	0.22	1.67	0.77	0.63	6.5	2.13	1.4	0.29
591492		1.49	0.001	0.014	0.018	168.5	17.5	3440	0.33	1.52	0.71	0.77	6.7	1.96	1.3	0.24
591493		1.53	<0.001	0.011	0.007	125.5	17.7	3410	0.35	1.36	0.59	0.63	7.5	1.94	1.2	0.25
591494		1.56	<0.001	0.009	0.005	141.5	15.6	3420	0.67	1.69	0.77	0.52	7.3	2.23	1.5	0.31
591495		1.51	<0.001	0.012	0.009	155.0	13.3	3320	1.39	1.50	0.71	0.53	7.0	1.93	1.3	0.22
591496		1.43	<0.001	0.009	0.006	160.5	18.9	3550	0.71	1.91	0.82	0.72	7.0	2.55	1.7	0.31
591497		1.48	<0.001	0.009	0.005	184.5	19.0	3630	0.83	1.82	0.79	0.75	7.8	2.15	2.0	0.29
591498		1.47	0.001	0.008	0.005	217	20.8	3460	0.26	1.74	0.81	0.83	7.4	2.49	1.4	0.28
591499		1.62	<0.001	0.009	0.009	180.5	19.9	3450	0.26	1.94	0.87	0.77	7.3	2.49	1.6	0.31
591500		1.50	0.001	0.013	0.010	181.0	20.7	3790	0.33	1.89	0.93	0.69	7.8	2.19	1.4	0.30
591501		1.58	0.001	0.018	0.020	182.0	23.0	3520	0.41	2.01	0.98	0.88	7.8	2.59	1.4	0.33
591502		1.48	0.001	0.021	0.017	144.5	24.5	3780	0.36	1.83	0.95	0.84	8.0	2.74	1.5	0.31
591503		1.60	<0.001	0.019	0.014											
591504		1.55	0.001	0.019	0.016											
591505		1.46	0.001	0.016	0.012											
591506		1.47	<0.001	0.014	0.012											
591507		1.13	0.001	0.015	0.015	190.0	24.1	3490	0.61	2.00	0.98	0.81	8.0	2.71	1.7	0.33
591508		0.61	0.002	0.017	0.017											
591509		1.50	<0.001	0.018	0.020											
591510		1.44	<0.001	0.015	0.014											
591511		1.52	0.001	0.016	0.016											
591512		1.42	<0.001	0.015	0.017	181.0	22.9	3660	0.67	1.92	0.99	0.81	8.4	2.58	1.9	0.34
591513		1.51	0.001	0.015	0.012	228	27.0	3550	0.40	2.12	1.18	1.05	8.6	2.85	1.9	0.41
591514		1.32	0.001	0.012	0.012	173.0	25.2	3310	0.48	2.24	1.10	0.80	9.1	3.12	1.9	0.40
591515		1.31	0.001	0.010	0.010	218	27.8	2990	0.47	2.34	1.22	1.03	8.9	3.31	1.7	0.41
591516		0.87	0.004	0.027	0.044	178.5	17.1	2690	0.51	1.74	0.85	0.65	6.7	2.27	1.3	0.33
591517		1.09	0.017	0.101	0.147	228	17.3	4550	0.59	1.40	0.72	0.61	7.2	1.96	1.4	0.25
591518		0.86	0.013	0.102	0.166	184.0	17.0	5300	0.61	1.43	0.67	0.71	6.9	2.08	1.3	0.26
591519		1.48	0.002	0.013	0.017	149.5	18.0	2100	0.38	1.79	0.96	0.77	7.1	2.46	1.5	0.29
591520		1.53	0.001	0.007	0.006	160.5	19.4	1630	0.44	1.81	1.04	0.81	7.8	2.47	1.5	0.33
591521		1.45	0.001	0.013	0.008	150.0	19.6	1870	0.38	1.95	1.04	0.75	7.8	2.24	1.5	0.35
591522		1.27	0.008	0.037	0.044	153.5	19.4	1440	0.41	1.78	0.90	0.79	7.1	2.20	1.4	0.33
591523		1.49	<0.001	<0.005	0.001	143.0	21.0	1830	0.36	2.15	0.98	0.86	7.4	2.81	1.6	0.38
591524		1.51	0.002	0.009	0.007	146.0	22.2	1660	0.25	2.28	0.97	0.91	8.4	2.90	1.5	0.35
591525		1.47	0.001	0.011	0.008	166.0	24.4	1660	0.25	2.34	1.19	0.95	8.7	2.87	1.9	0.36
591526		1.46	0.001	0.009	0.006	159.5	23.6	1720	0.24	2.27	1.23	0.91	9.1	3.30	1.9	0.41
591527		1.38	0.002	0.013	0.012	165.0	26.3	1470	0.51	2.33	1.34	1.04	10.1	3.39	2.0	0.42
591528		1.68	0.001	0.009	0.003	358	31.0	1260	0.82	2.99	1.65	1.37	12.6	3.95	2.5	0.52
591529		0.47	0.003	0.013	0.005	244	31.9	1340	0.64	2.98	1.67	1.43	11.2	3.95	2.5	0.56

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	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	5
591490		6.9	0.06	2.4	8.4	1.93	9.2	1.89	1	119.0	0.2	0.22	0.43	0.10	0.14	126
591491		8.9	0.08	3.4	10.6	2.23	9.6	2.56	1	115.0	0.2	0.31	0.59	0.12	0.17	137
591492		7.7	0.09	3.2	9.9	2.24	9.6	2.09	1	123.5	0.2	0.24	0.55	0.09	0.16	138
591493		8.0	0.09	3.1	10.0	2.25	10.8	2.29	<1	113.5	0.2	0.28	0.54	0.11	0.16	128
591494		5.6	0.10	3.4	10.8	2.21	21.3	2.43	1	81.7	0.2	0.30	0.59	0.13	0.25	140
591495		5.2	0.09	3.9	9.0	1.87	22.8	1.99	1	95.8	0.2	0.26	0.55	0.09	0.24	132
591496		7.7	0.10	4.0	12.0	2.66	18.2	2.39	1	107.0	0.3	0.33	0.74	0.11	0.20	142
591497		8.0	0.10	4.7	11.3	2.60	22.6	2.32	1	112.0	0.2	0.25	0.79	0.10	0.28	144
591498		9.8	0.11	3.8	11.9	2.69	8.9	2.64	1	152.0	0.2	0.32	0.70	0.10	0.17	147
591499		9.2	0.08	3.9	12.1	2.63	12.2	2.75	1	127.5	0.2	0.33	0.66	0.12	0.17	153
591500		9.0	0.10	3.9	12.1	2.75	15.4	2.63	1	138.0	0.2	0.35	0.72	0.10	0.22	154
591501		10.7	0.10	3.8	12.0	2.78	12.9	2.92	<1	146.0	0.1	0.41	0.81	0.13	0.20	153
591502		11.8	0.10	4.4	12.9	3.10	13.6	2.55	1	140.5	0.1	0.37	0.82	0.11	0.23	161
591503																
591504																
591505																
591506																
591507		10.4	0.12	4.3	13.2	3.09	17.6	3.05	1	134.5	0.2	0.39	0.91	0.12	0.24	146
591508																
591509																
591510																
591511																
591512		9.7	0.13	4.6	13.3	2.92	21.0	2.95	1	131.0	0.2	0.34	0.96	0.12	0.33	157
591513		12.4	0.11	4.6	14.1	3.43	14.4	3.26	1	159.0	0.2	0.45	0.93	0.13	0.24	160
591514		10.7	0.14	4.9	14.8	3.35	18.9	3.51	1	159.0	0.2	0.38	0.96	0.13	0.30	168
591515		12.6	0.12	4.5	15.4	3.51	10.8	3.44	1	192.5	0.2	0.45	0.80	0.15	0.21	181
591516		7.2	0.08	2.4	10.2	2.27	9.7	2.58	1	95.5	0.1	0.32	0.65	0.10	0.15	141
591517		8.5	0.08	2.7	8.7	2.17	13.6	2.14	1	97.0	<0.1	0.27	0.64	0.10	0.14	137
591518		7.3	0.09	2.6	10.2	2.34	16.2	1.95	1	72.6	<0.1	0.31	0.57	0.10	0.17	136
591519		7.8	0.10	2.6	10.4	2.38	7.9	2.55	<1	145.5	0.1	0.37	0.66	0.13	0.17	157
591520		8.3	0.09	2.8	11.2	2.64	8.2	2.63	1	170.0	0.1	0.39	0.73	0.09	0.15	163
591521		8.5	0.09	3.1	11.5	2.53	9.1	2.59	1	159.5	0.1	0.38	0.70	0.11	0.14	164
591522		8.5	0.10	2.9	10.9	2.61	9.8	2.42	1	148.5	0.1	0.34	0.70	0.11	0.13	138
591523		9.0	0.12	3.2	12.2	2.74	7.8	2.92	<1	184.0	0.1	0.41	0.73	0.10	0.16	174
591524		9.4	0.11	3.7	13.2	2.97	7.7	2.90	1	184.0	0.1	0.42	0.77	0.12	0.18	185
591525		10.4	0.13	3.7	14.1	3.35	8.5	3.51	1	206	0.2	0.43	0.90	0.15	0.19	191
591526		10.2	0.13	3.6	14.0	3.14	8.0	3.44	1	201	0.1	0.47	0.89	0.15	0.17	194
591527		11.4	0.13	4.1	14.8	3.62	10.2	3.56	1	231	0.2	0.50	1.06	0.15	0.24	199
591528		13.7	0.15	4.8	18.2	4.09	12.1	4.55	1	321	0.2	0.57	1.14	0.16	0.24	233
591529		13.9	0.17	5.5	18.3	4.21	14.2	4.21	1	286	0.2	0.58	1.26	0.23	0.28	232

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	1	0.5	0.03	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
591490		<1	5.9	0.51	35	41.0	3.63	16.85	4.27	28.9	0.32	0.38	0.45	0.63	0.22	0.06
591491		<1	7.2	0.58	54	41.4	3.37	17.10	3.82	29.2	0.34	0.41	0.49	0.72	0.23	0.08
591492		1	6.8	0.62	46	41.1	3.83	16.75	3.69	28.8	0.42	0.43	0.50	0.74	0.22	0.08
591493		1	6.5	0.55	43	41.1	3.81	17.30	3.43	29.3	0.38	0.48	0.51	0.70	0.22	0.08
591494		<1	7.7	0.59	49	41.2	3.65	15.80	4.32	28.7	0.37	0.84	0.50	0.75	0.19	0.09
591495		<1	6.4	0.67	46	40.9	3.80	15.65	4.03	29.1	0.36	0.86	0.49	0.74	0.19	0.07
591496		<1	7.9	0.63	58	42.2	3.78	16.70	4.01	28.8	0.44	0.75	0.52	0.78	0.20	0.10
591497		<1	8.0	0.63	75	41.7	3.85	16.35	3.85	28.8	0.44	0.87	0.53	0.77	0.20	0.10
591498		<1	7.8	0.66	51	42.3	3.84	16.95	4.42	28.2	0.57	0.41	0.51	0.74	0.23	0.10
591499		<1	8.1	0.70	55	43.1	3.87	16.25	5.23	27.5	0.57	0.51	0.51	0.77	0.21	0.09
591500		1	7.9	0.73	57	42.2	4.16	17.05	4.18	27.9	0.52	0.65	0.56	0.81	0.21	0.10
591501		1	8.6	0.71	59	42.7	4.20	15.75	5.36	27.1	0.55	0.53	0.50	0.81	0.21	0.10
591502		<1	8.3	0.60	62	42.0	4.43	16.40	4.17	27.8	0.53	0.56	0.55	0.88	0.21	0.11
591503																
591504																
591505																
591506																
591507		<1	9.7	0.81	70	41.8	4.53	15.40	4.82	26.2	0.55	0.69	0.51	0.84	0.20	0.12
591508																
591509																
591510																
591511																
591512		<1	9.2	0.83	70	42.3	4.44	15.95	4.47	27.1	0.50	0.81	0.52	0.92	0.20	0.12
591513		1	10.0	0.83	72	42.9	4.80	16.05	4.85	26.3	0.69	0.59	0.50	0.95	0.21	0.12
591514		<1	10.4	0.88	76	43.2	5.22	15.90	4.80	25.6	0.74	0.79	0.48	1.00	0.19	0.13
591515		<1	11.0	0.97	67	44.6	5.18	16.05	6.08	24.2	0.86	0.48	0.43	0.96	0.22	0.11
591516		<1	8.2	0.72	52	41.3	3.72	16.10	7.91	25.9	0.33	0.41	0.38	0.72	0.22	0.07
591517		<1	6.6	0.63	53	41.0	3.64	16.45	3.05	30.6	0.29	0.53	0.65	0.69	0.22	0.09
591518		<1	7.1	0.64	53	41.7	3.69	15.80	3.23	31.0	0.29	0.64	0.76	0.68	0.20	0.09
591519		<1	8.2	0.68	54	43.9	3.97	15.15	6.33	26.1	0.69	0.33	0.30	0.72	0.21	0.08
591520		<1	8.9	0.73	57	44.5	4.21	15.75	6.55	25.2	0.75	0.37	0.23	0.78	0.22	0.09
591521		<1	8.8	0.76	57	43.9	4.23	15.25	6.76	24.6	0.68	0.40	0.27	0.79	0.21	0.10
591522		<1	8.1	0.71	59	42.8	4.07	16.75	4.80	26.9	0.75	0.41	0.20	0.74	0.23	0.10
591523		<1	9.6	0.77	61	45.3	4.38	14.95	7.61	23.6	0.87	0.36	0.25	0.83	0.20	0.09
591524		<1	9.8	0.77	64	45.5	4.54	15.10	7.52	23.4	0.92	0.36	0.23	0.86	0.20	0.11
591525		<1	10.6	0.78	72	45.9	5.16	14.90	7.76	22.0	1.10	0.40	0.26	1.00	0.21	0.13
591526		<1	10.6	0.88	69	45.7	5.00	14.90	7.50	22.3	1.05	0.40	0.24	0.93	0.20	0.10
591527		<1	11.7	1.00	78	46.4	5.83	14.80	7.77	20.9	1.06	0.42	0.20	1.01	0.20	0.13
591528		<1	14.3	1.26	92	48.1	7.22	13.30	9.28	16.30	1.28	0.60	0.17	1.27	0.22	0.14
591529		<1	14.4	1.24	97	48.0	6.98	13.90	9.11	16.55	1.30	0.61	0.19	1.28	0.20	0.14

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
	Analyte	SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
	Units	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
591490		0.01	0.01	3.19	99.92	<0.5	<5	<0.5	150	68	10	1	1270	3	14	<10
591491		0.01	0.02	2.26	99.45	<0.5	<5	<0.5	148	87	<10	2	1310	4	14	<10
591492		0.02	0.02	2.42	99.02	<0.5	<5	<0.5	146	80	<10	2	1290	2	13	<10
591493		0.01	0.01	2.25	99.58	<0.5	<5	<0.5	150	36	10	1	1320	<2	12	<10
591494		0.01	0.02	2.56	99.00	<0.5	<5	<0.5	134	23	10	1	1280	3	13	<10
591495		0.01	0.02	3.67	99.89	<0.5	<5	<0.5	133	17	10	2	1250	3	13	<10
591496		0.01	0.02	1.23	99.54	<0.5	<5	<0.5	141	19	10	1	1330	2	14	<10
591497		0.01	0.02	1.72	99.21	<0.5	<5	<0.5	140	40	10	1	1320	3	14	<10
591498		0.02	0.02	0.79	99.10	<0.5	<5	<0.5	139	81	<10	1	1280	7	15	<10
591499		0.02	0.02	0.94	99.59	<0.5	<5	<0.5	131	66	<10	1	1270	5	18	<10
591500		0.02	0.02	0.91	99.29	<0.5	<5	<0.5	135	58	10	1	1360	4	15	<10
591501		0.02	0.02	1.74	99.59	<0.5	<5	<0.5	132	75	<10	2	1230	3	17	<10
591502		0.02	0.02	1.94	99.62	<0.5	<5	<0.5	136	86	10	2	1320	4	14	<10
591503																
591504																
591505																
591506																
591507		0.02	0.02	3.64	99.34	<0.5	<5	<0.5	132	61	10	2	1290	10	15	<10
591508																
591509																
591510																
591511																
591512		0.02	0.02	2.35	99.72	<0.5	<5	0.6	125	45	10	<1	1260	3	15	10
591513		0.02	0.03	1.81	99.82	<0.5	<5	0.5	124	91	10	<1	1210	5	16	10
591514		0.02	0.02	1.27	99.36	<0.5	<5	0.6	125	53	10	<1	1240	<2	16	<10
591515		0.02	0.03	0.80	100.02	<0.5	<5	0.6	117	101	10	<1	1080	<2	20	10
591516		0.01	0.02	2.70	99.79	<0.5	<5	0.8	133	287	10	<1	1110	<2	18	<10
591517		0.01	0.03	2.07	99.32	<0.5	<5	0.8	149	615	10	<1	1750	3	11	<10
591518		0.01	0.02	1.57	99.68	<0.5	<5	0.5	151	576	10	<1	1940	2	12	10
591519		0.02	0.02	0.90	98.72	<0.5	<5	<0.5	127	127	<10	<1	943	3	20	<10
591520		0.02	0.02	0.17	98.86	<0.5	<5	1.0	127	82	<10	<1	867	5	21	10
591521		0.02	0.02	0.92	98.15	<0.5	<5	0.7	121	85	<10	<1	870	4	21	<10
591522		0.02	0.02	1.21	99.00	<0.5	<5	0.7	137	305	10	<1	1040	<2	16	<10
591523		0.02	0.02	0.12	98.60	<0.5	<5	0.7	113	41	<10	<1	757	2	24	10
591524		0.02	0.02	0.01	98.79	<0.5	<5	0.6	115	67	<10	<1	765	5	24	<10
591525		0.03	0.02	0.20	99.07	<0.5	<5	0.6	105	64	<10	<1	702	<2	24	10
591526		0.03	0.02	0.16	98.53	<0.5	<5	0.6	111	70	<10	<1	744	<2	24	<10
591527		0.03	0.02	0.59	99.36	<0.5	<5	0.8	104	92	<10	<1	686	4	24	<10
591528		0.04	0.04	0.82	98.78	<0.5	<5	1.0	83	87	10	<1	466	8	27	<10
591529		0.04	0.03	0.72	99.05	<0.5	<5	0.6	85	78	10	<1	492	6	27	<10

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method Analyte Units LOR	ME-4ACD81 Zn ppm 2	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1
591490		121	0.06	<0.5	155	68	1270
591491		132	0.06	<0.5	152	87	1310
591492		124	0.06	<0.5	150	80	1290
591493		106	0.06	<0.5	155	36	1320
591494		97	0.06	<0.5	138	23	1280
591495		92	0.05	<0.5	137	17	1250
591496		99	0.06	<0.5	145	19	1330
591497		110	0.08	<0.5	144	40	1320
591498		144	0.07	<0.5	144	81	1280
591499		118	0.07	<0.5	135	66	1270
591500		108	0.10	<0.5	139	58	1360
591501		112	0.09	<0.5	136	75	1230
591502		106	0.09	<0.5	140	86	1320
591503			0.10	<0.5	128	40	1230
591504			0.09	<0.5	138	70	1290
591505			0.10	<0.5	139	83	1290
591506			0.11	<0.5	128	38	1200
591507		110	0.12	<0.5	136	61	1290
591508			0.09	<0.5	129	75	1240
591509			0.10	<0.5	125	43	1220
591510			0.10	<0.5	136	35	1280
591511			0.09	<0.5	136	91	1270
591512		93	0.10	<0.5	125	43	1230
591513		121	0.10	<0.5	124	89	1185
591514		96	0.10	<0.5	125	51	1215
591515		128	0.09	<0.5	117	98	1060
591516		108	0.22	<0.5	133	279	1090
591517		117	0.16	<0.5	149	597	1715
591518		109	0.26	<0.5	151	559	1900
591519		102	0.16	<0.5	127	123	925
591520		117	0.12	<0.5	127	80	850
591521		106	0.10	<0.5	121	82	853
591522		112	0.27	<0.5	137	296	1020
591523		97	0.08	<0.5	113	40	742
591524		101	0.08	<0.5	115	65	750
591525		99	0.12	<0.5	105	62	689
591526		99	0.08	<0.5	111	68	730
591527		100	0.09	<0.5	104	90	673
591528		152	0.11	<0.5	83	85	457
591529		108	0.12	<0.5	85	76	482

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01
591530		0.54	0.010	0.056	0.077	275	35.9	1410	0.42	3.37	1.55	1.38	11.8	4.24	2.6	0.58
591531		1.58	0.001	0.010	0.005	270	32.4	1390	0.55	3.08	1.56	1.26	11.8	4.08	2.7	0.52
591532		1.34	0.001	0.010	0.007	267	33.6	1590	0.53	3.34	1.52	1.26	12.0	4.60	2.6	0.53
591533		1.50	0.001	0.010	0.004	258	35.3	1280	0.46	3.38	1.73	1.34	12.2	4.04	2.8	0.56
591534		1.73	0.001	0.011	0.009	228	34.0	1280	0.34	3.01	1.48	1.17	12.2	4.08	2.6	0.51
591535		2.16	0.002	0.012	0.007											
591536		1.75	0.002	0.009	0.008	239	33.7	750	0.62	3.10	1.49	1.36	14.3	3.86	2.7	0.52
591537		0.53	<0.001	0.008	0.005											
591538		1.01	0.001	0.010	0.007											
591539		0.87	0.004	<0.005	<0.001											
591540		1.92	0.004	<0.005	<0.001											
591541		2.23	0.008	<0.005	<0.001											
591542		1.83	0.011	<0.005	<0.001											
591543		1.94	0.017	<0.005	<0.001											
591544		2.15	0.031	<0.005	<0.001											
591545		1.52	0.028	<0.005	<0.001											
591546		1.78	0.017	<0.005	0.001											
591547		2.32	0.004	<0.005	<0.001											
591548		2.52	0.007	<0.005	<0.001											
591549		2.14	0.008	<0.005	<0.001											
591556		2.95	<0.001	0.046	0.048	148.5	19.7	1810	0.36	2.34	1.20	0.85	8.0	2.82	1.4	0.37
591557		3.15	<0.001	<0.005	0.002	165.5	23.5	1690	0.43	2.29	1.34	0.96	8.5	3.36	1.9	0.42
591558		2.74	<0.001	0.005	0.002	199.5	23.5	1940	0.30	2.86	1.22	1.09	8.5	3.35	1.9	0.43
591559		3.38	<0.001	<0.005	0.001	254	22.1	2010	0.36	2.32	1.06	0.95	7.3	2.79	1.6	0.38
591560		2.87	<0.001	<0.005	<0.001	247	20.4	1990	0.37	1.90	1.04	0.83	6.9	2.57	1.6	0.31
591561		3.00	<0.001	<0.005	0.002	131.0	18.2	2040	0.34	1.76	0.83	0.74	6.2	2.55	1.4	0.31
591562		3.25	<0.001	<0.005	0.001	144.0	16.0	2250	0.30	1.81	1.03	0.67	6.3	2.48	1.3	0.32
591563		1.58	0.015	0.095	0.124	172.5	19.5	2370	0.43	2.22	1.29	0.90	8.4	3.03	1.7	0.40
591564		1.45	0.007	0.019	0.036											
591565		1.59	0.003	0.020	0.011	154.5	17.0	2360	0.28	1.84	0.84	0.76	7.3	2.44	1.4	0.40
591566		1.46	0.017	0.088	0.075											
591567		1.59	0.002	<0.005	0.001	282	20.0	2460	0.52	2.01	1.14	1.04	7.4	2.79	1.6	0.40
591568		1.37	0.006	0.038	0.023	200	17.5	2600	0.34	2.51	1.05	1.14	8.1	2.95	1.6	0.42
591569		1.33	<0.001	0.010	0.008											
591570		1.50	0.002	0.013	0.011	134.5	15.0	2460	0.54	2.05	0.88	0.72	6.8	2.52	1.4	0.38
591571		1.37	0.008	0.019	0.024											
591572		0.98	0.003	0.016	0.013											
591573		2.58	<0.001	0.007	0.001	120.5	16.1	3110	0.54	1.80	0.88	0.70	7.1	2.35	1.3	0.34
591574		3.02	<0.001	0.015	0.012	90.4	12.6	3530	0.45	1.35	0.54	0.43	5.5	1.70	1.3	0.25
591575		2.77	0.001	0.017	0.015	85.8	13.6	3390	0.26	1.18	0.55	0.57	5.6	1.70	1.0	0.25

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	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	5
591530		15.6	0.16	5.2	20.1	4.55	12.5	4.50	1	282	0.2	0.66	1.41	0.22	0.27	245
591531		14.3	0.15	5.2	17.8	4.14	14.5	3.98	1	270	0.2	0.60	1.26	0.17	0.32	234
591532		13.7	0.17	5.8	18.8	4.32	16.0	4.65	1	283	0.3	0.61	1.42	0.23	0.28	234
591533		15.3	0.15	5.7	19.9	4.49	13.9	4.55	1	300	0.2	0.62	1.37	0.18	0.30	227
591534		14.7	0.19	5.7	19.0	4.56	12.4	4.07	1	291	0.3	0.56	1.36	0.20	0.23	211
591535																
591536		14.6	0.19	5.8	19.1	4.42	14.0	4.65	1	394	0.2	0.58	1.33	0.20	0.38	240
591537																
591538																
591539																
591540																
591541																
591542																
591543																
591544																
591545																
591546																
591547																
591548																
591549																
591556		8.4	0.12	3.1	11.9	2.66	9.1	2.63	<1	150.0	0.1	0.44	0.65	0.12	0.16	192
591557		10.8	0.14	4.0	13.0	3.03	11.3	3.13	1	152.0	0.1	0.43	0.83	0.15	0.19	199
591558		10.5	0.14	4.0	13.8	3.14	9.8	3.01	1	172.5	0.2	0.50	0.71	0.16	0.20	218
591559		10.5	0.12	3.6	11.9	2.90	9.4	2.98	1	174.0	0.1	0.40	0.71	0.11	0.21	183
591560		10.2	0.11	3.3	11.6	2.71	8.3	2.61	1	184.0	0.1	0.38	0.70	0.14	0.17	170
591561		7.8	0.10	3.1	10.2	2.43	11.2	2.64	<1	116.5	0.1	0.36	0.65	0.12	0.15	152
591562		6.9	0.10	2.4	9.1	2.11	8.3	2.35	<1	124.0	<0.1	0.31	0.51	0.12	0.17	160
591563		8.1	0.14	3.7	12.9	2.55	15.6	2.60	1	143.5	0.1	0.38	0.78	0.13	0.18	170
591564																
591565		7.5	0.10	3.1	10.5	2.25	9.0	2.46	1	140.5	<0.1	0.35	0.59	0.11	0.10	153
591566																
591567		9.8	0.08	3.9	11.7	2.69	10.6	3.05	1	139.0	0.1	0.38	0.60	0.13	0.11	158
591568		8.6	0.13	2.9	11.8	2.42	8.5	2.93	1	176.5	0.1	0.46	0.55	0.16	0.11	207
591569																
591570		6.3	0.11	2.6	9.8	2.05	18.5	2.34	<1	83.8	<0.1	0.28	0.47	0.11	0.15	160
591571																
591572																
591573		6.6	0.10	3.4	10.3	2.13	13.9	2.43	1	105.5	0.1	0.30	0.67	0.14	0.20	122
591574		5.0	0.07	2.8	8.2	1.71	14.2	1.80	<1	63.3	<0.1	0.22	0.51	0.10	0.15	100
591575		5.9	0.05	2.6	7.8	1.70	7.2	1.89	1	80.1	<0.1	0.24	0.50	0.09	0.10	111

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	1	0.5	0.03	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
591530		<1	15.2	1.34	97	48.0	6.87	14.25	9.09	16.85	1.32	0.61	0.20	1.26	0.21	0.20
591531		<1	13.9	1.34	99	47.9	6.66	14.30	8.05	18.10	1.36	0.68	0.20	1.26	0.21	0.15
591532		1	15.0	1.31	108	47.7	6.83	13.95	8.48	17.55	1.35	0.72	0.22	1.29	0.20	0.15
591533		<1	14.8	1.33	108	47.8	7.26	13.90	8.30	17.15	1.43	0.66	0.18	1.28	0.19	0.16
591534		<1	14.3	1.23	106	47.1	6.96	14.95	7.10	19.05	1.41	0.55	0.17	1.24	0.20	0.14
591535																
591536		<1	14.7	1.18	106	48.4	9.60	12.80	9.33	13.90	1.68	0.60	0.11	1.34	0.19	0.16
591537																
591538																
591539																
591540																
591541																
591542																
591543																
591544																
591545																
591546																
591547																
591548																
591549																
591556		1	9.8	0.86	53	46.0	4.03	15.80	9.42	21.5	0.57	0.38	0.25	0.83	0.22	0.08
591557		<1	11.2	0.89	68	45.9	4.34	14.95	9.90	19.85	0.60	0.46	0.23	0.92	0.22	0.10
591558		1	11.6	0.92	73	47.6	4.40	13.50	11.20	19.25	0.69	0.43	0.27	0.95	0.22	0.09
591559		<1	9.9	0.80	60	45.2	3.78	15.00	8.88	22.7	0.58	0.41	0.27	0.82	0.22	0.09
591560		<1	9.4	0.87	60	44.9	3.75	15.30	8.09	24.2	0.55	0.38	0.27	0.77	0.23	0.08
591561		<1	8.3	0.65	53	44.1	3.42	15.25	7.44	25.7	0.47	0.45	0.29	0.73	0.21	0.08
591562		<1	8.1	0.72	46	45.1	3.23	14.05	8.72	25.1	0.50	0.34	0.30	0.67	0.20	0.07
591563		<1	9.8	0.88	62	45.9	4.12	12.85	11.00	21.1	0.54	0.58	0.29	0.82	0.19	0.07
591564																
591565		<1	8.4	0.64	52	44.4	3.67	14.70	8.31	24.9	0.50	0.38	0.29	0.77	0.21	0.07
591566																
591567		1	9.3	0.69	64	44.5	3.57	14.80	8.32	24.9	0.48	0.42	0.30	0.80	0.23	0.08
591568		<1	10.7	0.84	53	49.1	4.38	10.15	14.70	16.75	0.65	0.46	0.32	0.85	0.20	0.06
591569																
591570		<1	8.4	0.77	47	45.1	3.56	12.60	11.20	21.5	0.37	0.65	0.30	0.67	0.18	0.07
591571																
591572																
591573		1	8.1	0.60	56	42.2	3.45	15.45	5.78	27.6	0.38	0.54	0.38	0.66	0.20	0.07
591574		<1	5.9	0.58	46	39.5	2.81	17.40	2.99	32.5	0.24	0.51	0.44	0.54	0.21	0.06
591575		<1	5.7	0.61	42	41.5	2.59	16.70	5.04	30.9	0.32	0.30	0.42	0.54	0.22	0.06

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
	Analyte	SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
	Units	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
591530		0.04	0.03	0.78	99.71	<0.5	<5	0.7	89	466	10	<1	724	8	27	<10
591531		0.04	0.03	0.90	99.84	<0.5	<5	0.7	86	84	10	<1	542	5	25	<10
591532		0.03	0.03	1.03	99.53	<0.5	<5	0.5	86	90	10	<1	539	6	25	<10
591533		0.04	0.03	0.50	98.88	<0.5	<5	0.5	84	83	10	<1	505	6	24	10
591534		0.04	0.02	0.62	99.55	<0.5	<5	0.5	103	105	<10	<1	665	3	22	10
591535																
591536		0.05	0.03	0.82	99.01	<0.5	<5	0.7	74	127	<10	<1	412	5	25	10
591537																
591538																
591539																
591540																
591541																
591542																
591543																
591544																
591545																
591546																
591547																
591548																
591549																
591556		0.02	0.02	0.86	99.98	<0.5	<5	0.6	115	74	10	<1	697	<2	30	10
591557		0.02	0.02	2.31	99.82	<0.5	<5	0.9	103	67	10	<1	599	2	31	<10
591558		0.02	0.02	1.27	99.91	<0.5	<5	0.5	88	79	10	<1	529	4	34	<10
591559		0.02	0.03	1.21	99.21	<0.5	<5	0.5	116	71	10	<1	751	6	27	<10
591560		0.02	0.03	1.13	99.70	<0.5	<5	0.8	117	69	<10	<1	794	7	24	<10
591561		0.01	0.02	1.93	100.10	<0.5	<5	0.5	121	38	10	<1	862	<2	22	10
591562		0.02	0.02	1.33	99.65	<0.5	<5	0.5	113	49	10	<1	812	<2	26	<10
591563		0.02	0.02	2.11	99.61	<0.5	<5	0.7	92	615	10	<1	768	3	33	<10
591564																
591565		0.02	0.02	1.49	99.73	<0.5	<5	0.6	113	150	10	<1	849	4	25	<10
591566																
591567		0.02	0.03	1.55	100.00	<0.5	<5	1.0	116	138	<10	<1	827	13	26	10
591568		0.02	0.02	1.65	99.31	<0.5	<5	0.6	61	481	10	<1	400	15	45	<10
591569																
591570		0.01	0.02	2.48	98.71	<0.5	<5	0.6	90	245	10	<1	769	5	34	<10
591571																
591572																
591573		0.01	0.01	2.43	99.16	<0.5	<5	<0.5	129	49	10	1	1030	5	19	<10
591574		0.01	0.01	2.39	99.61	<0.5	<5	<0.5	157	31	10	<1	1290	3	11	<10
591575		0.01	0.01	0.73	99.34	<0.5	<5	<0.5	148	63	<10	1	1200	3	17	<10

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method Analyte Units LOR	ME-4ACD81 Zn ppm 2	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1
591530		110	0.27	<0.5	89	452	710
591531		115	0.18	<0.5	86	82	531
591532		102	0.15	<0.5	86	87	529
591533		104	0.08	<0.5	84	81	495
591534		108	0.16	<0.5	103	102	652
591535			0.16	<0.5	110	110	695
591536		103	0.12	<0.5	74	124	404
591537			0.12	<0.5	100	82	585
591538			0.08	<0.5	108	107	657
591539			2.44	<0.5	52	60	12
591540			2.47	<0.5	42	35	18
591541			2.43	<0.5	44	68	10
591542			2.03	<0.5	40	68	10
591543			2.66	<0.5	54	105	11
591544			2.37	<0.5	42	85	10
591545			3.68	<0.5	54	92	10
591546			1.91	<0.5	55	193	11
591547			0.66	<0.5	21	57	6
591548			0.95	<0.5	31	248	27
591549			1.97	<0.5	87	577	12
591556		110	0.07	<0.5	115	72	684
591557		96	0.17	<0.5	103	65	587
591558		99	0.08	<0.5	88	77	519
591559		120	0.07	<0.5	116	69	736
591560		113	0.05	<0.5	117	67	778
591561		87	0.05	<0.5	121	37	845
591562		84	0.07	<0.5	113	48	796
591563		77	0.19	<0.5	92	597	753
591564			0.13	<0.5	123	376	922
591565		107	0.06	<0.5	113	146	833
591566			0.14	<0.5	110	456	842
591567		160	0.07	<0.5	116	134	811
591568		96	0.11	<0.5	61	467	392
591569			0.16	<0.5	76	111	682
591570		65	0.13	<0.5	90	238	754
591571			0.26	<0.5	124	709	1120
591572			0.11	<0.5	106	199	869
591573		91	0.05	<0.5	133	49	1030
591574		105	0.05	<0.5	162	31	1290
591575		107	0.04	<0.5	153	63	1200

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410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01
591576		3.11	<0.001	<0.005	<0.001	76.6	12.2	3500	0.18	1.24	0.59	0.54	5.6	1.64	0.9	0.26
591577		3.01	<0.001	0.056	0.061	91.9	13.0	3460	0.35	1.51	0.70	0.56	5.7	1.76	1.3	0.26
591578		2.95	<0.001	0.005	0.001	133.5	11.6	3610	0.26	1.30	0.63	0.62	5.5	1.68	1.0	0.22
591579		2.83	<0.001	0.007	0.003	78.7	12.0	3420	0.24	1.36	0.63	0.45	5.1	1.81	1.0	0.24
591580		2.83	<0.001	0.005	0.001	115.5	11.6	3670	0.29	1.22	0.59	0.57	5.2	1.73	1.0	0.22
591581		3.15	0.001	0.006	0.003	78.7	11.6	3750	0.25	1.20	0.57	0.45	5.2	1.59	0.9	0.21
591582		2.80	0.001	<0.005	0.004	85.8	12.6	3770	0.25	1.22	0.58	0.52	4.9	1.51	0.9	0.21
591583		3.05	0.001	<0.005	0.001	86.3	13.2	3950	0.22	1.12	0.75	0.57	5.6	1.57	1.3	0.26
591584		3.39	<0.001	0.005	0.003	145.0	12.5	3950	0.25	1.19	0.57	0.64	5.1	1.54	1.1	0.25
591585		2.94	0.001	0.005	0.002	174.0	13.0	4110	0.32	1.17	0.70	0.60	5.2	1.50	1.2	0.21
591586		3.29	0.003	0.010	0.008	119.0	13.9	4140	0.23	1.38	0.61	0.62	5.4	1.73	1.0	0.23
591587		3.11	<0.001	0.009	0.004	103.5	12.7	4440	0.38	1.11	0.55	0.48	5.5	1.50	1.1	0.22
591588		3.21	0.001	0.008	0.004	96.2	13.5	4490	0.46	1.26	0.70	0.50	5.8	1.69	1.3	0.21
591589		2.96	<0.001	0.007	0.006	87.6	12.5	4410	0.43	1.17	0.65	0.58	5.5	1.53	1.0	0.23
591590		3.13	0.001	0.013	0.006	100.5	14.5	4360	0.39	1.23	0.66	0.61	5.5	1.72	1.3	0.23
591591		3.04	0.001	0.010	0.013	137.0	14.3	4410	0.19	1.14	0.49	0.52	5.9	1.52	0.9	0.24
591592		2.63	<0.001	0.006	0.005	94.0	12.4	4200	0.71	1.09	0.70	0.43	6.0	1.70	1.1	0.23
591593		3.35	<0.001	0.012	0.011	85.6	12.2	4680	0.61	1.59	0.73	0.51	6.2	2.01	1.1	0.28
591594		3.03	0.001	0.007	0.004	98.1	14.4	4650	0.27	1.23	0.63	0.51	6.1	1.62	1.0	0.21
591595		3.26	0.001	0.012	0.009	108.5	16.3	4720	0.19	1.17	0.67	0.53	6.1	1.58	1.2	0.24
591596		3.18	0.001	0.009	0.004	158.0	14.5	4490	0.28	1.31	0.64	0.57	6.4	1.54	1.1	0.21
591597		3.03	<0.001	0.006	0.002	105.0	14.3	4540	0.27	1.31	0.59	0.49	6.2	1.84	1.0	0.24
591598		1.42	0.004	0.019	0.022	131.5	16.3	4590	0.21	1.10	0.55	0.61	6.8	1.66	1.3	0.22
591599		2.95	<0.001	0.012	0.018	162.0	16.8	4930	0.24	1.08	0.62	0.62	6.3	1.85	1.2	0.27
564000		2.89	0.002	0.031	0.037	263	21.6	4840	0.52	1.68	0.82	0.92	7.6	2.35	1.5	0.25
564001		2.86	0.002	0.017	0.015	176.0	24.2	4940	0.51	1.57	0.92	0.84	7.9	2.40	1.8	0.32
564002		3.10	0.001	0.015	0.011	174.5	19.7	4860	0.67	1.78	0.87	0.74	8.3	2.27	1.7	0.35
564003		3.06	0.001	0.014	0.010	185.0	22.9	4060	0.67	1.95	1.03	0.86	9.1	3.05	1.8	0.38
564004		3.06	0.001	0.013	0.011	247	26.8	4100	0.77	2.33	1.18	1.00	10.2	3.06	2.2	0.41
564005		4.27	<0.001	0.011	0.009											
564006		4.09	0.001	0.015	0.014	229	26.3	3360	0.84	2.31	0.98	0.97	9.4	3.18	2.0	0.41
564007		3.35	0.001	0.012	0.012											
564008		2.41	0.002	0.020	0.017	533	35.5	3330	1.23	3.01	1.44	1.50	12.5	3.92	2.8	0.53
564009		2.04	0.002	0.015	0.013											
564010		0.72	0.001	0.013	0.010											
564011		3.27	0.001	0.015	0.010	374	41.7	1250	1.15	4.21	2.12	1.52	16.2	5.54	3.9	0.74

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410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	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	5
591576		5.4	0.07	2.4	7.8	1.61	7.1	1.99	1	81.8	<0.1	0.23	0.46	0.08	0.10	106
591577		5.1	0.08	2.7	8.5	1.86	10.5	1.93	1	56.5	<0.1	0.26	0.51	0.07	0.13	114
591578		5.7	0.07	2.3	6.9	1.41	5.1	1.70	<1	77.4	<0.1	0.22	0.43	0.07	0.10	116
591579		5.4	0.07	2.1	7.5	1.53	5.8	1.49	1	49.0	<0.1	0.24	0.35	0.09	0.10	115
591580		6.1	0.07	2.2	7.5	1.47	5.3	1.73	1	63.1	<0.1	0.24	0.40	0.07	0.11	111
591581		4.9	0.09	2.2	7.2	1.50	7.2	1.71	<1	72.7	<0.1	0.21	0.39	0.08	0.09	101
591582		5.9	0.07	2.4	7.2	1.66	6.0	1.62	1	58.4	<0.1	0.21	0.53	0.08	0.07	103
591583		6.2	0.07	2.8	7.9	1.77	7.1	1.49	1	66.5	<0.1	0.25	0.48	0.06	0.11	96
591584		5.9	0.07	2.4	7.9	1.56	6.0	1.78	<1	98.1	<0.1	0.21	0.46	0.06	0.11	105
591585		6.1	0.07	2.7	8.0	1.64	6.1	1.94	1	98.2	<0.1	0.21	0.53	0.08	0.11	96
591586		6.5	0.06	2.8	7.8	1.73	7.1	1.88	1	93.5	<0.1	0.26	0.45	0.09	0.11	102
591587		5.5	0.07	3.0	8.0	1.73	12.3	1.71	<1	75.9	<0.1	0.25	0.57	0.06	0.13	102
591588		5.7	0.08	3.0	8.4	1.77	11.1	1.83	1	68.9	0.1	0.22	0.54	0.10	0.08	99
591589		5.4	0.07	2.8	7.7	1.67	11.5	1.71	1	75.0	<0.1	0.21	0.44	0.08	0.14	102
591590		6.9	0.06	3.0	8.6	1.83	8.9	1.82	1	64.1	0.1	0.25	0.57	0.07	0.17	99
591591		6.6	0.09	2.9	7.7	1.84	8.2	2.07	1	94.6	<0.1	0.22	0.50	0.09	0.13	108
591592		5.0	0.09	2.9	7.4	1.73	15.5	1.93	<1	40.2	<0.1	0.23	0.54	0.07	0.22	112
591593		4.4	0.10	2.8	9.0	1.81	21.5	1.88	1	49.2	<0.1	0.24	0.60	0.13	0.55	113
591594		6.4	0.07	2.9	8.5	1.86	10.2	1.68	1	81.1	<0.1	0.25	0.48	0.06	0.13	108
591595		8.1	0.06	3.1	9.2	1.97	9.4	1.93	1	89.1	<0.1	0.20	0.57	0.10	0.16	106
591596		6.9	0.05	3.0	8.6	1.80	7.2	1.71	1	105.5	<0.1	0.24	0.58	0.10	0.09	109
591597		6.2	0.08	2.8	8.5	1.94	11.5	2.00	1	85.1	<0.1	0.25	0.45	0.09	0.11	112
591598		8.0	0.08	3.4	9.9	2.05	9.3	1.87	1	120.0	0.1	0.26	0.69	0.08	0.18	108
591599		7.4	0.09	3.4	9.9	2.07	12.0	2.24	1	106.0	0.1	0.23	0.64	0.10	0.17	109
564000		10.2	0.08	4.3	12.0	2.85	14.2	2.63	1	126.0	0.1	0.32	0.79	0.12	0.21	134
564001		12.3	0.09	4.5	13.2	2.85	16.1	2.84	1	105.0	0.1	0.34	0.84	0.12	0.19	134
564002		8.0	0.10	4.3	12.5	2.60	19.3	2.69	1	62.1	0.2	0.31	0.78	0.11	0.25	134
564003		8.5	0.09	5.0	15.1	3.27	21.9	3.23	1	34.9	0.4	0.37	0.91	0.15	0.21	156
564004		10.5	0.11	6.1	16.8	3.77	26.9	3.72	1	67.2	0.5	0.45	1.09	0.16	0.27	172
564005																
564006		10.8	0.10	5.6	15.8	3.55	23.4	3.52	1	90.1	0.4	0.38	1.02	0.13	0.30	180
564007																
564008		19.4	0.15	7.4	20.0	4.67	26.3	4.35	1	196.0	0.5	0.54	1.39	0.16	0.39	194
564009																
564010																
564011		20.0	0.21	10.4	24.4	5.53	47.2	5.64	<1	509	0.8	0.74	1.86	0.27	0.42	258

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Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	1	0.5	0.03	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
591576		<1	5.6	0.48	36	41.1	2.60	16.60	5.07	30.7	0.32	0.29	0.43	0.52	0.22	0.05
591577		<1	6.3	0.40	43	41.1	2.39	15.80	5.38	30.0	0.28	0.39	0.42	0.55	0.20	0.06
591578		<1	5.5	0.46	36	41.6	2.54	16.30	5.38	30.9	0.32	0.22	0.45	0.52	0.23	0.06
591579		<1	5.6	0.54	35	41.0	2.42	15.45	5.69	29.3	0.25	0.23	0.43	0.51	0.21	0.05
591580		1	5.4	0.48	35	40.9	2.43	16.10	5.03	30.8	0.29	0.20	0.45	0.50	0.22	0.06
591581		1	5.3	0.48	35	40.2	2.43	16.20	4.55	31.0	0.27	0.27	0.46	0.49	0.21	0.06
591582		1	5.2	0.45	37	39.3	2.33	16.30	3.91	31.2	0.23	0.25	0.47	0.50	0.22	0.06
591583		<1	5.0	0.47	42	38.6	2.38	17.20	2.57	32.9	0.23	0.29	0.50	0.51	0.22	0.07
591584		<1	5.2	0.43	37	39.4	2.45	16.30	3.93	31.5	0.31	0.24	0.49	0.51	0.22	0.06
591585		<1	5.3	0.44	41	39.5	2.59	16.65	3.39	32.4	0.32	0.25	0.52	0.52	0.22	0.06
591586		<1	5.4	0.55	41	39.9	2.64	17.00	3.27	32.7	0.31	0.30	0.53	0.54	0.22	0.07
591587		<1	5.3	0.47	42	39.3	2.77	17.30	2.49	33.1	0.26	0.46	0.55	0.55	0.21	0.07
591588		<1	5.2	0.54	44	39.1	2.79	17.40	2.65	32.6	0.27	0.43	0.56	0.54	0.22	0.07
591589		<1	5.3	0.49	39	39.4	2.79	17.30	2.76	32.5	0.29	0.44	0.55	0.54	0.21	0.07
591590		<1	5.4	0.52	45	39.2	2.75	17.30	2.86	32.2	0.27	0.36	0.55	0.55	0.23	0.08
591591		<1	5.7	0.42	41	40.4	2.87	17.60	3.06	33.0	0.34	0.33	0.56	0.55	0.23	0.07
591592		1	5.7	0.40	45	38.7	2.80	16.25	3.24	30.3	0.22	0.55	0.53	0.54	0.21	0.07
591593		<1	7.2	0.74	45	39.9	2.86	15.75	4.07	31.4	0.25	0.72	0.59	0.55	0.18	0.05
591594		<1	5.5	0.56	41	39.7	2.84	17.90	2.82	32.7	0.34	0.40	0.61	0.56	0.22	0.08
591595		<1	5.7	0.48	46	40.5	2.85	18.40	2.78	33.4	0.32	0.38	0.61	0.57	0.23	0.08
591596		1	5.7	0.47	41	40.6	2.84	17.60	3.58	32.3	0.40	0.30	0.58	0.57	0.24	0.07
591597		<1	5.7	0.50	42	40.6	3.01	17.10	3.54	32.2	0.35	0.41	0.58	0.57	0.21	0.07
591598		<1	6.0	0.60	53	40.5	3.12	17.40	2.93	32.7	0.44	0.39	0.59	0.60	0.22	0.08
591599		<1	6.0	0.60	49	40.4	3.22	17.15	3.00	32.5	0.38	0.46	0.63	0.61	0.22	0.09
564000		1	7.4	0.52	59	41.1	3.95	16.35	3.42	30.4	0.49	0.55	0.62	0.76	0.23	0.10
564001		<1	8.1	0.70	68	41.5	4.18	16.25	3.49	30.0	0.54	0.65	0.64	0.80	0.22	0.10
564002		<1	7.9	0.68	67	41.2	4.14	16.10	3.39	29.9	0.40	0.80	0.61	0.79	0.21	0.10
564003		<1	9.1	0.79	77	40.3	4.63	14.75	4.06	26.9	0.39	0.86	0.56	0.88	0.19	0.12
564004		<1	10.9	0.89	87	41.2	5.12	15.35	4.10	25.5	0.59	0.98	0.53	0.98	0.19	0.13
564005																
564006		1	10.2	0.79	83	41.9	5.63	15.15	4.47	24.3	0.58	0.99	0.50	1.06	0.20	0.13
564007																
564008		1	13.3	1.16	110	42.4	6.17	15.15	5.20	22.0	0.53	0.94	0.43	1.17	0.25	0.16
564009																
564010																
564011		1	18.5	1.65	151	46.3	9.38	13.05	8.26	12.35	1.32	2.01	0.17	1.74	0.19	0.21

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

ALS Canada Ltd.
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www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
	Analyte	SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
	Units	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
591576		0.01	0.01	0.83	98.75	<0.5	<5	<0.5	145	41	<10	2	1170	<2	17	<10
591577		0.01	0.01	2.72	99.31	<0.5	<5	<0.5	145	30	<10	1	1180	2	19	<10
591578		0.01	0.02	1.60	100.15	<0.5	<5	<0.5	148	62	<10	2	1200	4	18	<10
591579		0.01	0.01	4.44	100.00	<0.5	<5	<0.5	132	45	10	1	1080	4	19	<10
591580		0.01	0.01	3.30	100.30	<0.5	<5	<0.5	142	55	<10	1	1180	2	16	<10
591581		0.01	0.01	3.74	99.90	<0.5	<5	<0.5	146	42	<10	1	1220	8	16	<10
591582		0.01	0.01	5.09	99.88	<0.5	<5	<0.5	150	47	<10	1	1260	<2	14	<10
591583		0.01	0.01	4.30	99.79	<0.5	<5	<0.5	161	50	<10	1	1370	2	11	<10
591584		0.02	0.02	3.38	98.83	<0.5	<5	<0.5	150	59	<10	<1	1310	4	14	<10
591585		0.01	0.02	3.26	99.71	<0.5	<5	<0.5	155	70	<10	1	1380	<2	12	<10
591586		0.01	0.01	2.78	100.28	<0.5	<5	<0.5	154	81	<10	1	1400	9	12	<10
591587		0.01	0.01	3.33	100.41	<0.5	<5	<0.5	155	25	<10	1	1430	<2	10	<10
591588		0.01	0.01	3.85	100.50	<0.5	<5	<0.5	155	38	<10	1	1430	<2	10	<10
591589		0.01	0.01	3.16	100.03	<0.5	<5	<0.5	153	31	10	2	1460	3	11	<10
591590		0.01	0.01	3.15	99.52	<0.5	<5	<0.5	154	46	10	2	1420	6	11	<10
591591		0.01	0.02	1.12	100.16	<0.5	<5	<0.5	154	56	10	2	1440	3	12	<10
591592		0.01	0.01	5.78	99.21	<0.5	<5	<0.5	146	20	10	1	1400	5	12	10
591593		0.01	0.01	3.60	99.94	<0.5	<5	<0.5	142	24	10	<1	1460	6	12	<10
591594		0.01	0.01	1.31	99.50	<0.5	<5	<0.5	163	60	<10	1	1590	<2	11	<10
591595		0.01	0.01	1.16	101.30	<0.5	<5	<0.5	165	72	<10	2	1590	3	11	<10
591596		0.01	0.02	0.97	100.08	<0.5	<5	<0.5	154	82	<10	2	1490	5	13	<10
591597		0.01	0.01	1.63	100.29	<0.5	<5	<0.5	154	35	<10	1	1540	6	13	<10
591598		0.01	0.02	1.06	100.06	<0.5	<5	<0.5	155	184	<10	2	1610	<2	11	<10
591599		0.01	0.02	1.30	99.99	<0.5	<5	<0.5	156	40	<10	1	1630	7	11	<10
564000		0.02	0.03	1.98	100.00	<0.5	<5	<0.5	143	87	10	2	1580	10	12	<10
564001		0.01	0.02	2.44	100.84	<0.5	<5	<0.5	136	72	10	2	1540	4	13	<10
564002		0.01	0.02	3.35	101.02	<0.5	<5	<0.5	140	49	10	1	1480	6	13	<10
564003		<0.01	0.02	4.95	98.61	<0.5	<5	<0.5	123	51	20	2	1440	2	14	<10
564004		0.01	0.03	3.90	98.61	<0.5	<5	<0.5	123	47	10	1	1370	5	15	<10
564005																
564006		0.01	0.03	4.21	99.16	<0.5	<5	<0.5	121	65	30	2	1290	2	16	<10
564007																
564008		0.02	0.06	3.85	98.33	<0.5	<5	<0.5	114	143	30	2	1100	12	17	<10
564009																
564010																
564011		0.07	0.04	2.92	98.01	<0.5	<5	<0.5	70	97	20	2	411	4	23	<10

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

Sample Description	Method Analyte Units LOR	ME-4ACD81 Zn ppm 2	S-IR08 S % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Ni ppm 1
591576		102	0.06	<0.5	150	41	1170
591577		101	0.05	<0.5	149	30	1180
591578		127	0.04	<0.5	152	62	1200
591579		103	0.07	<0.5	136	45	1080
591580		113	0.07	<0.5	146	55	1180
591581		110	0.04	<0.5	151	42	1220
591582		106	0.06	<0.5	154	47	1260
591583		109	0.05	<0.5	166	50	1370
591584		122	0.04	<0.5	154	59	1310
591585		133	0.04	<0.5	160	70	1380
591586		122	0.04	<0.5	158	81	1400
591587		105	0.04	<0.5	160	25	1430
591588		120	0.05	<0.5	159	38	1430
591589		113	0.04	<0.5	158	31	1460
591590		114	0.05	<0.5	159	46	1420
591591		120	0.04	<0.5	159	56	1440
591592		142	0.17	<0.5	151	20	1400
591593		88	0.06	<0.5	146	24	1460
591594		123	0.04	<0.5	168	60	1590
591595		126	0.05	<0.5	170	72	1590
591596		147	0.04	<0.5	158	82	1490
591597		108	0.06	<0.5	159	35	1540
591598		122	0.07	<0.5	160	184	1610
591599		122	0.05	<0.5	161	40	1630
564000		141	0.08	<0.5	148	87	1580
564001		112	0.09	<0.5	140	72	1540
564002		102	0.11	<0.5	144	49	1480
564003		98	0.15	<0.5	127	51	1440
564004		96	0.18	<0.5	127	47	1370
564005			0.15	<0.5	123	43	1320
564006		92	0.15	<0.5	125	65	1290
564007			0.15	<0.5	122	73	1250
564008		168	0.14	<0.5	117	143	1100
564009			0.12	<0.5	105	128	928
564010			0.16	<0.5	99	76	860
564011		45	0.24	<0.5	73	97	411

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

ALS Canada Ltd.

2103 Dollarton Hwy
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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 14- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15093585

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

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

Applies to Method:				
	ME- 4ACD81	ME- ICP06	ME- ICP61	ME- MS81
	OA- GRA05	PGM- ICP23	S- IR08	TOT- ICP06

ALS Canada Ltd.

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 23-JUL-2015
Account: TRAMET

CERTIFICATE TB15099082

Project: 36

This report is for 31 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-JUL-2015.

The following have access to data associated with this certificate:

GREG COLLINS SCOTT MCLEAN	STEVE FLANK GRANT MOURRE	PETER MCINTYRE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70%<2mm
SPL-21	Split sample - riffle splitter
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85%<75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
S-IR08	Total Sulphur (Leco)	LECO

To: **TRANSITION METALS CORP.**
ATTN: STEVE FLANK
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 23- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15099082

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Recvd Wt.	Au	Pt	Pd	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01
564013		1.04	<0.001	0.008	0.005	74.3	13.6	3080	0.24	1.27	0.56	0.56	5.9	1.65	0.9	0.25
564014		1.08	<0.001	0.008	0.006	92.7	14.3	2960	0.36	1.13	0.58	0.53	5.5	1.66	1.1	0.21
564015		1.34	<0.001	0.008	0.005	111.0	13.1	3300	0.48	1.25	0.65	0.48	6.2	1.65	1.0	0.23
564016		1.33	<0.001	0.009	0.006	140.0	15.3	3320	0.30	1.28	0.60	0.55	6.1	1.59	1.1	0.26
564017		1.53	<0.001	0.008	0.006	137.5	15.8	3590	0.21	1.32	0.58	0.55	6.6	1.66	1.2	0.23
564018		1.29	0.001	0.011	0.009	168.0	17.0	3610	0.45	1.30	0.65	0.63	6.6	1.83	1.2	0.27
564019		1.49	0.001	0.013	0.011	157.0	17.7	3790	0.19	1.36	0.71	0.63	7.0	1.83	1.3	0.28
564020		1.31	0.002	0.010	0.009	153.0	19.3	3950	0.16	1.40	0.63	0.66	7.5	1.99	1.3	0.28
564021		1.51	0.001	0.011	0.010	178.5	19.8	3610	0.32	1.60	0.70	0.77	6.7	1.75	1.5	0.25
564022		1.49	0.001	0.011	0.008	194.0	18.5	3560	0.29	1.35	0.70	0.78	6.8	1.94	1.7	0.26
564023		1.39	0.001	0.008	0.006	118.0	19.7	3580	0.23	1.49	0.70	0.68	6.7	1.96	1.6	0.28
564024		1.61	0.001	0.012	0.008	155.0	20.6	3370	0.23	1.88	0.80	0.80	6.9	2.19	1.6	0.31
564025		1.53	<0.001	0.010	0.008	151.5	19.9	3600	0.22	1.67	0.79	0.79	7.1	2.05	1.4	0.30
564026		1.39	0.001	0.009	0.006	296	20.8	3700	0.41	1.86	0.84	0.89	7.5	2.28	1.6	0.37
564027		1.28	0.001	0.010	0.007	179.5	22.7	3580	0.31	1.75	0.85	0.85	7.8	2.23	1.7	0.31
564028		1.41	0.001	0.011	0.014	193.5	24.0	3540	0.34	1.87	0.93	0.87	8.3	2.61	1.7	0.35
564029		1.39	0.001	0.011	0.007	169.5	23.9	3240	0.44	2.02	0.92	0.92	8.4	2.47	1.8	0.36
564030		1.38	0.001	0.010	0.005	184.5	26.4	3030	0.50	2.17	0.87	0.97	8.7	2.85	1.9	0.38
564031		1.48	0.001	0.009	0.005	206	28.1	3010	0.61	2.28	1.00	1.07	9.5	2.91	2.0	0.37
564032		1.07	0.002	0.012	0.015	223	29.6	2960	0.57	2.38	1.06	1.06	9.6	3.04	2.0	0.42
564033		1.26	0.002	0.023	0.014	264	30.9	2150	0.57	2.83	1.33	1.33	10.6	3.77	2.4	0.53
564034		1.24	0.005	0.034	0.022	415	35.8	2170	0.76	2.93	1.47	1.38	12.0	3.73	2.5	0.53
564035		1.07	0.002	0.011	0.008	372	38.7	2530	1.36	3.19	1.34	1.52	12.2	3.87	2.9	0.58
564036		1.07	0.006	0.023	0.011	393	51.0	930	0.40	4.11	1.99	1.90	16.3	5.41	4.2	0.79
564037		1.38	0.003	0.014	0.005	331	53.4	610	0.60	4.43	2.11	1.94	16.4	5.52	4.3	0.81
564038		0.94	0.002	0.021	0.008	336	55.1	1050	0.66	4.36	2.07	1.87	16.5	5.81	4.1	0.86
564039		2.47	0.044	0.139	0.603	238	38.8	340	0.84	2.22	0.89	1.38	10.3	3.83	1.0	0.37
564040		2.16	0.060	0.075	0.290	180.5	24.1	230	0.89	1.37	0.55	1.08	11.3	2.66	0.8	0.28
564041		1.40	<0.001	<0.005	0.001	218	51.2	120	0.68	2.82	1.21	2.09	17.7	5.15	1.1	0.47
564042		1.14	0.016	0.027	0.034	121.0	28.9	680	0.70	2.33	1.02	1.39	10.3	3.64	1.1	0.38
564043		2.39	0.001	0.006	<0.001	506	150.5	130	1.03	4.17	1.54	3.76	18.7	8.67	2.4	0.62

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

ALS Canada Ltd.
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www.alsglobal.com

To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 23- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15099082

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	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	5
564013		6.0	0.07	2.6	7.6	1.80	7.5	1.73	<1	24.2	0.2	0.22	0.43	0.08	0.12	116
564014		6.2	0.06	2.8	8.0	1.88	9.1	1.78	<1	21.5	0.2	0.22	0.48	0.07	0.13	112
564015		5.5	0.09	3.0	8.0	1.81	18.2	1.95	<1	52.1	0.2	0.22	0.59	0.09	0.20	117
564016		7.0	0.07	2.7	8.6	2.01	9.8	1.91	<1	81.0	0.2	0.25	0.46	0.09	0.13	121
564017		6.5	0.07	3.1	9.0	2.12	11.3	2.10	<1	120.5	0.2	0.27	0.64	0.09	0.17	122
564018		7.1	0.08	3.3	9.6	2.23	10.0	2.16	1	111.0	0.2	0.26	0.63	0.09	0.14	115
564019		8.0	0.08	3.3	9.9	2.33	10.7	2.01	2	159.5	0.2	0.28	0.66	0.09	0.17	134
564020		9.0	0.08	3.2	10.3	2.43	10.4	2.18	1	154.5	0.2	0.29	0.68	0.09	0.17	137
564021		9.3	0.10	3.7	10.9	2.51	10.0	2.28	1	118.5	0.1	0.29	0.67	0.12	0.09	134
564022		8.4	0.09	3.4	10.1	2.38	10.0	2.39	1	134.0	0.1	0.30	0.71	0.10	0.09	127
564023		8.9	0.08	3.6	10.5	2.44	10.8	2.41	1	107.0	0.1	0.32	0.66	0.12	0.08	136
564024		9.3	0.10	3.6	11.7	2.73	9.5	2.53	1	122.0	0.1	0.35	0.65	0.11	0.06	152
564025		9.3	0.09	3.5	11.0	2.57	10.3	2.38	1	138.5	0.1	0.31	0.68	0.12	0.07	139
564026		9.5	0.10	4.0	12.0	2.80	9.4	2.68	1	130.0	0.1	0.32	0.75	0.11	0.09	137
564027		10.8	0.09	4.3	12.1	2.78	11.2	2.90	1	126.5	0.1	0.32	0.84	0.13	0.10	154
564028		10.6	0.10	4.2	13.0	3.10	10.7	2.94	1	135.0	0.1	0.40	0.81	0.12	0.07	152
564029		10.7	0.10	4.3	13.6	3.19	12.0	2.81	1	121.0	0.2	0.39	0.80	0.12	0.08	154
564030		12.0	0.12	4.8	14.5	3.43	11.1	3.34	1	137.5	0.2	0.41	1.11	0.14	0.07	165
564031		12.1	0.11	5.1	15.5	3.73	13.4	3.25	1	137.0	0.2	0.46	1.07	0.15	0.16	171
564032		13.1	0.12	5.3	16.0	3.77	13.2	3.56	1	126.5	0.2	0.46	0.97	0.17	0.16	198
564033		14.3	0.15	5.5	18.1	4.08	14.0	4.22	1	180.0	0.2	0.55	1.00	0.16	0.13	212
564034		16.5	0.14	6.6	20.7	4.70	15.7	4.68	1	225	0.3	0.56	1.28	0.18	0.20	232
564035		17.5	0.17	7.4	21.4	5.04	20.1	4.92	1	207	0.3	0.59	1.29	0.20	0.24	218
564036		23.5	0.20	9.3	28.8	6.62	16.7	6.25	1	430	0.4	0.85	1.70	0.28	0.37	271
564037		23.8	0.25	10.3	31.1	7.14	13.0	6.53	1	418	0.6	0.89	2.53	0.28	0.33	254
564038		25.4	0.24	10.1	30.2	6.95	17.2	6.83	1	415	0.5	0.86	1.96	0.30	0.36	282
564039		14.9	0.10	0.8	26.2	5.78	20.3	5.51	<1	589	<0.1	0.49	0.59	0.12	<0.05	114
564040		9.9	0.06	0.6	16.8	3.50	10.3	3.90	<1	743	<0.1	0.32	0.52	0.09	<0.05	87
564041		21.1	0.12	1.4	33.8	7.48	35.4	7.36	1	1170	<0.1	0.62	0.41	0.16	0.05	212
564042		11.0	0.12	1.6	20.4	4.36	9.1	4.49	<1	515	<0.1	0.47	0.87	0.14	0.09	190
564043		58.5	0.15	8.8	87.4	20.5	12.5	14.80	1	1105	0.2	0.94	1.73	0.20	0.38	251

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 23- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15099082

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	1	0.5	0.03	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
564013		<1	5.7	0.47	34	37.6	2.92	14.60	3.93	27.4	0.19	0.25	0.43	0.55	0.20	0.06
564014		<1	5.6	0.49	38	36.7	2.76	14.70	2.37	29.9	0.13	0.31	0.43	0.58	0.20	0.07
564015		<1	6.0	0.52	40	38.9	2.84	14.85	4.05	30.2	0.24	0.62	0.46	0.60	0.19	0.07
564016		<1	6.1	0.51	41	40.2	3.03	15.70	3.90	30.6	0.36	0.37	0.47	0.62	0.21	0.07
564017		<1	6.5	0.48	48	40.1	3.20	16.15	3.46	31.2	0.40	0.43	0.51	0.64	0.21	0.07
564018		<1	6.5	0.52	51	40.2	3.25	16.05	3.30	31.6	0.41	0.42	0.51	0.67	0.22	0.06
564019		<1	6.6	0.54	48	40.9	3.45	17.05	2.97	32.3	0.40	0.44	0.55	0.69	0.23	0.08
564020		<1	6.9	0.51	54	41.6	3.33	17.40	2.87	31.6	0.38	0.35	0.54	0.65	0.22	0.08
564021		<1	6.8	0.63	57	40.4	3.39	17.20	3.10	31.1	0.40	0.41	0.51	0.68	0.22	0.09
564022		<1	6.8	0.61	63	40.6	3.42	17.50	3.18	31.1	0.41	0.41	0.50	0.67	0.22	0.09
564023		<1	7.1	0.62	60	41.0	3.46	16.90	3.59	30.6	0.39	0.41	0.50	0.69	0.21	0.09
564024		<1	8.0	0.77	56	41.8	3.70	16.35	4.77	28.9	0.49	0.37	0.47	0.73	0.21	0.09
564025		<1	7.0	0.61	51	41.5	3.83	16.95	3.63	30.3	0.48	0.40	0.51	0.72	0.22	0.10
564026		<1	8.0	0.68	61	41.8	3.95	17.05	3.70	30.0	0.52	0.40	0.53	0.75	0.22	0.10
564027		<1	8.3	0.71	61	42.0	4.05	17.00	3.65	29.8	0.51	0.45	0.51	0.80	0.22	0.09
564028		<1	8.6	0.68	66	41.9	4.12	16.70	4.30	28.4	0.58	0.44	0.49	0.79	0.21	0.10
564029		<1	9.0	0.68	63	41.5	4.24	16.00	5.01	25.7	0.53	0.47	0.46	0.82	0.20	0.10
564030		1	9.7	0.70	71	42.7	4.51	15.40	5.68	25.7	0.66	0.44	0.43	0.85	0.20	0.11
564031		<1	10.3	0.80	79	43.0	4.71	15.80	5.10	26.1	0.63	0.53	0.42	0.89	0.20	0.12
564032		<1	10.7	0.80	79	42.1	4.88	14.95	5.58	23.4	0.73	0.53	0.42	0.95	0.19	0.13
564033		<1	12.6	1.07	85	45.8	5.53	13.95	9.00	19.00	0.91	0.56	0.30	1.09	0.20	0.12
564034		<1	13.7	1.09	96	46.0	6.26	14.05	8.47	18.35	1.09	0.66	0.30	1.20	0.21	0.15
564035		<1	13.6	1.17	106	44.6	6.84	15.10	6.14	19.40	1.14	0.77	0.36	1.29	0.21	0.16
564036		<1	19.3	1.50	156	48.3	9.58	12.70	10.55	11.05	2.18	0.82	0.13	1.65	0.16	0.20
564037		<1	20.1	1.73	168	49.2	9.64	10.75	10.40	10.00	2.75	0.67	0.08	1.65	0.12	0.19
564038		<1	19.7	1.56	146	48.9	9.29	12.90	10.15	11.35	2.34	0.72	0.15	1.79	0.14	0.22
564039		<1	9.1	0.75	29	47.0	11.30	10.35	13.00	12.45	1.22	0.66	0.05	0.27	0.16	0.18
564040		<1	6.4	0.41	25	46.7	15.70	8.63	13.90	10.70	1.28	0.32	0.03	0.19	0.12	0.05
564041		1	12.0	0.96	33	49.0	16.60	9.95	11.05	7.52	2.52	0.94	0.02	0.80	0.14	0.18
564042		<1	10.1	0.83	37	47.2	11.55	9.46	16.05	12.25	1.26	0.33	0.09	0.36	0.16	0.09
564043		<1	16.6	1.02	84	43.5	15.85	13.00	11.50	8.17	2.65	0.74	0.02	1.18	0.19	0.91

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 23- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15099082

Sample Description	Method	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
	Analyte	SrO	BaO	LOI	Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl
	Units	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.5	5	0.5	1	1	10	1	1	2	1	10
564013		<0.01	0.01	11.90	100.04	<0.5	<5	<0.5	131	29	20	<1	1095	2	15	<10
564014		<0.01	0.01	12.60	100.76	<0.5	<5	<0.5	132	20	10	<1	1100	2	13	10
564015		<0.01	0.01	6.64	99.67	<0.5	<5	<0.5	135	26	10	1	1230	<2	14	<10
564016		0.01	0.02	4.34	99.90	<0.5	<5	<0.5	145	32	10	<1	1265	3	15	<10
564017		0.01	0.02	3.24	99.64	<0.5	<5	<0.5	149	28	10	<1	1315	<2	5	<10
564018		0.01	0.02	3.75	100.47	<0.5	<5	0.5	146	46	10	<1	1310	5	12	<10
564019		0.02	0.02	1.14	100.24	<0.5	<5	<0.5	156	57	10	<1	1415	4	12	<10
564020		0.02	0.02	1.01	100.07	<0.5	<5	<0.5	152	56	10	<1	1400	4	11	<10
564021		0.02	0.02	1.93	99.47	<0.5	<5	<0.5	153	70	10	1	1400	4	6	<10
564022		0.02	0.02	0.98	99.12	<0.5	<5	<0.5	157	64	10	<1	1425	7	13	<10
564023		0.01	0.01	2.05	99.91	<0.5	<5	<0.5	154	36	10	<1	1370	<2	4	<10
564024		0.01	0.02	1.70	99.61	<0.5	<5	<0.5	149	67	10	<1	1325	6	7	<10
564025		0.02	0.02	1.30	99.98	<0.5	<5	<0.5	151	59	10	<1	1390	2	14	<10
564026		0.01	0.03	1.86	100.92	<0.5	<5	0.5	153	86	10	1	1415	11	15	<10
564027		0.01	0.02	1.92	101.03	<0.5	<5	<0.5	145	70	10	<1	1335	<2	14	<10
564028		0.02	0.02	1.08	99.15	<0.5	<5	0.5	142	78	10	<1	1295	3	16	<10
564029		0.01	0.02	4.04	99.10	<0.5	<5	<0.5	136	59	20	<1	1200	<2	19	<10
564030		0.02	0.02	3.18	99.90	<0.5	<5	<0.5	123	62	20	<1	1080	6	19	<10
564031		0.01	0.02	3.95	101.48	<0.5	<5	<0.5	116	69	20	<1	1020	<2	17	<10
564032		0.01	0.02	5.82	99.71	<0.5	<5	<0.5	117	85	30	<1	1015	2	20	<10
564033		0.02	0.03	3.37	99.88	<0.5	<5	<0.5	97	107	20	<1	675	<2	31	<10
564034		0.03	0.04	2.47	99.28	<0.5	<5	<0.5	97	129	10	<1	705	15	29	<10
564035		0.03	0.04	3.76	99.84	<0.5	<5	0.5	108	118	20	<1	870	7	21	<10
564036		0.05	0.04	2.10	99.51	<0.5	<5	<0.5	63	121	20	<1	293	<2	33	<10
564037		0.05	0.04	2.71	98.25	<0.5	<5	<0.5	46	50	20	<1	183	<2	27	10
564038		0.05	0.04	2.51	100.55	<0.5	<5	<0.5	64	54	20	<1	315	5	33	<10
564039		0.07	0.03	2.35	99.09	<0.5	<5	<0.5	81	551	10	<1	572	3	40	10
564040		0.08	0.02	2.38	100.10	0.7	<5	<0.5	61	1020	10	<1	476	<2	32	10
564041		0.14	0.02	3.09	101.97	<0.5	<5	<0.5	29	46	20	<1	67	5	28	<10
564042		0.06	0.01	1.31	100.18	<0.5	<5	<0.5	64	534	10	<1	361	<2	50	<10
564043		0.13	0.05	1.81	99.70	<0.5	<5	<0.5	52	106	20	<1	108	<2	24	<10

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

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To: **TRANSITION METALS CORP.**
410 FALCONBRIDGE ROAD
UNIT 5
SUDBURY ON P3A 4S4

Finalized Date: 23- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15099082

Sample Description	Method	ME-4ACD81	S-IR08
	Analyte	Zn	S
	Units	ppm	%
	LOR	2	0.01
564013		83	0.06
564014		83	0.05
564015		81	0.04
564016		100	0.02
564017		98	0.03
564018		113	0.03
564019		118	0.04
564020		113	0.04
564021		136	0.05
564022		143	0.05
564023		103	0.05
564024		115	0.05
564025		113	0.04
564026		167	0.06
564027		119	0.05
564028		123	0.04
564029		110	0.06
564030		104	0.06
564031		102	0.07
564032		107	0.17
564033		104	0.07
564034		166	0.06
564035		132	0.05
564036		83	0.03
564037		65	0.02
564038		57	0.02
564039		72	0.61
564040		51	0.26
564041		60	0.07
564042		42	0.32
564043		111	0.24

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

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UNIT 5
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Finalized Date: 23- JUL- 2015
Account: TRAMET

Project: 36

CERTIFICATE OF ANALYSIS TB15099082

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 22	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

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

Applies to Method:				
	ME- 4ACD81	ME- ICP06	ME- MS81	OA- GRA05
	PGM- ICP23	S- IR08	TOT- ICP06	

APPENDIX D:

DETAILED SAMPLING RECORDS FOR THE RE-SAMPLING

BHID	From	To	Length	Sample	Rock Type	SiO2 Wt.% 0.01 ME-ICP06	Al2O3 Wt.% 0.01 ME-ICP06	Fe2O3 Wt.% 0.01 ME-ICP06	Cao Wt.% 0.01 ME-ICP06	MgO Wt.% 0.01 ME-ICP06	Na2O Wt.% 0.01 ME-ICP06	K2O Wt.% 0.01 ME-ICP06	Cr2O3 Wt.% 0.01 ME-ICP06	TiO2 Wt.% 0.01 ME-ICP06	MnO Wt.% 0.01 ME-ICP06	P2O5 Wt.% 0.01 ME-ICP06
03EK-02	15.0	16.0	1.0	J591477	Peridotite	42.80	3.34	15.85	6.06	27.50	0.47	0.36	0.37	0.66	0.21	0.08
03EK-02	20.0	21.0	1.0	J591478	Peridotite	40.50	3.53	16.15	4.30	28.60	0.39	0.35	0.38	0.64	0.20	0.07
03EK-02	25.0	26.0	1.0	J591479	Peridotite	40.20	3.40	17.00	3.40	28.70	0.35	0.47	0.39	0.76	0.22	0.09
03EK-02	30.0	31.0	1.0	J591480	Peridotite	41.30	3.54	17.25	3.62	29.20	0.29	0.47	0.41	0.69	0.22	0.07
03EK-02	35.0	36.0	1.0	J591481	Peridotite	41.30	3.36	16.75	4.16	28.70	0.35	0.41	0.41	0.64	0.22	0.07
03EK-02	40.0	41.0	1.0	J591482	Peridotite	42.50	3.48	15.95	5.35	27.80	0.38	0.53	0.41	0.66	0.20	0.06
03EK-02	45.0	46.0	1.0	J591483	Peridotite	43.10	3.34	14.75	6.12	27.50	0.33	0.71	0.41	0.68	0.17	0.07
03EK-02	50.0	51.0	1.0	J591484	Peridotite	42.90	3.34	16.55	5.38	28.20	0.37	0.55	0.43	0.67	0.21	0.08
03EK-02	55.0	56.0	1.0	J591485	Peridotite	42.90	3.23	15.95	5.26	27.80	0.22	1.11	0.43	0.64	0.20	0.06
03EK-02	60.0	61.0	1.0	J591486	Peridotite	42.20	3.19	15.35	5.28	28.70	0.17	1.13	0.44	0.60	0.19	0.07
03EK-02	65.0	66.0	1.0	J591487	Peridotite	41.70	2.93	14.20	5.95	28.00	0.16	1.11	0.45	0.68	0.17	0.06
03EK-02	70.0	71.0	1.0	J591488	Peridotite	41.00	3.20	16.85	3.82	28.90	0.18	0.94	0.48	0.64	0.20	0.09
03EK-02	74.5	75.5	1.0	J591489	Peridotite	41.00	3.06	16.20	4.30	28.10	0.19	0.82	0.44	0.68	0.20	0.06
03EK-02	80.0	81.0	1.0	J591490	Peridotite	41.00	3.63	16.85	4.27	28.90	0.32	0.38	0.45	0.63	0.22	0.06
03EK-02	85.0	86.0	1.0	J591491	Peridotite	41.40	3.37	17.10	3.82	29.20	0.34	0.41	0.49	0.72	0.23	0.08
03EK-02	90.0	91.0	1.0	J591492	Peridotite	41.10	3.83	16.75	3.69	28.80	0.42	0.43	0.50	0.74	0.22	0.08
03EK-02	95.5	96.5	1.0	J591493	Peridotite	41.10	3.81	17.30	3.43	29.30	0.38	0.48	0.51	0.70	0.22	0.08
03EK-02	100.0	101.0	1.0	J591494	Peridotite	41.20	3.65	15.80	4.32	28.70	0.37	0.84	0.50	0.75	0.19	0.09
03EK-02	105.0	106.0	1.0	J591495	Peridotite	40.90	3.80	15.65	4.03	29.10	0.36	0.86	0.49	0.74	0.19	0.07
03EK-02	110.0	111.0	1.0	J591496	Peridotite	42.20	3.78	16.70	4.01	28.80	0.44	0.75	0.52	0.78	0.20	0.10
03EK-02	115.0	116.0	1.0	J591497	Peridotite	41.70	3.85	16.35	3.85	28.80	0.44	0.87	0.53	0.77	0.20	0.10
03EK-02	120.0	121.0	1.0	J591498	Peridotite	42.30	3.84	16.95	4.42	28.20	0.57	0.41	0.51	0.74	0.23	0.10
03EK-02	125.0	126.0	1.0	J591499	Peridotite	43.10	3.87	16.25	5.23	27.50	0.57	0.51	0.51	0.77	0.21	0.09
03EK-02	130.0	131.0	1.0	J591500	Peridotite	42.20	4.16	17.05	4.18	27.90	0.52	0.65	0.56	0.81	0.21	0.10
03EK-02	135.0	136.0	1.0	J591501	Peridotite	42.70	4.20	15.75	5.36	27.10	0.55	0.53	0.50	0.81	0.21	0.10
03EK-02	140.0	141.0	1.0	J591502	Peridotite	42.00	4.43	16.40	4.17	27.80	0.53	0.56	0.55	0.88	0.21	0.11
03EK-02	141.0	142.0	1.0	J591503	Peridotite											
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro											
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro											
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro											
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	41.80	4.53	15.40	4.82	26.20	0.55	0.69	0.51	0.84	0.20	0.12
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro											
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro											
03EK-02	148.0	149.0	1.0	J591510	Melagabbro											
03EK-02	149.0	150.0	1.0	J591511	Melagabbro											
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	42.30	4.44	15.95	4.47	27.10	0.50	0.81	0.52	0.92	0.20	0.12
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	42.90	4.80	16.05	4.85	26.30	0.69	0.59	0.50	0.95	0.21	0.12
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	43.20	5.22	15.90	4.80	25.60	0.74	0.79	0.48	1.00	0.19	0.13
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	44.60	5.18	16.05	6.08	24.20	0.86	0.48	0.43	0.96	0.22	0.11
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	41.30	3.72	16.10	7.91	25.90	0.33	0.41	0.38	0.72	0.22	0.07
03EK-02	187.0	188.5	1.5	J591517	Peridotite	41.00	3.64	16.45	3.05	30.60	0.29	0.53	0.65	0.69	0.22	0.09
03EK-02	197.5	199.0	1.5	J591518	Peridotite	41.70	3.69	15.80	3.23	31.00	0.29	0.64	0.76	0.68	0.20	0.09
03EK-02	220.0	221.0	1.0	J591519	Peridotite	43.90	3.97	15.15	6.33	26.10	0.69	0.33	0.30	0.72	0.21	0.08
03EK-02	225.0	226.0	1.0	J591520	Peridotite	44.50	4.21	15.75	6.55	25.20	0.75	0.37	0.23	0.78	0.22	0.09
03EK-02	230.0	231.0	1.0	J591521	Peridotite	43.90	4.23	15.25	6.76	24.60	0.68	0.40	0.27	0.79	0.21	0.10
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	42.80	4.07	16.75	4.80	26.90	0.75	0.41	0.20	0.74	0.23	0.10
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	45.30	4.38	14.95	7.61	23.60	0.87	0.36	0.25	0.83	0.20	0.09
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	45.50	4.54	15.10	7.52	23.40	0.92	0.36	0.23	0.86	0.20	0.11
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	45.90	5.16	14.90	7.76	22.00	1.10	0.40	0.26	1.00	0.21	0.13
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	45.70	5.00	14.90	7.50	22.30	1.05	0.40	0.24	0.93	0.20	0.10
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	46.40	5.83	14.80	7.77	20.90	1.06	0.42	0.20	1.01	0.20	0.13
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	48.10	7.22	13.30	9.28	16.30	1.28	0.60	0.17	1.27	0.22	0.14
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	48.00	6.98	13.90	9.11	16.55	1.30	0.61	0.19	1.28	0.20	0.14
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	48.00	6.87	14.25	9.09	16.85	1.32	0.61	0.20	1.26	0.21	0.20
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	47.90	6.66	14.30	8.05	18.10	1.36	0.68	0.20	1.26	0.21	0.15

BHID	From	To	Length	Sample	Rock Type	SiO2 Wt.% 0.01 ME-ICP06	Al2O3 Wt.% 0.01 ME-ICP06	Fe2O3 Wt.% 0.01 ME-ICP06	Cao Wt.% 0.01 ME-ICP06	MgO Wt.% 0.01 ME-ICP06	Na2O Wt.% 0.01 ME-ICP06	K2O Wt.% 0.01 ME-ICP06	Cr2O3 Wt.% 0.01 ME-ICP06	TiO2 Wt.% 0.01 ME-ICP06	MnO Wt.% 0.01 ME-ICP06	P2O5 Wt.% 0.01 ME-ICP06
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	47.70	6.83	13.95	8.48	17.55	1.35	0.72	0.22	1.29	0.20	0.15
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	47.80	7.26	13.90	8.30	17.15	1.43	0.66	0.18	1.28	0.19	0.16
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	47.10	6.96	14.95	7.10	19.05	1.41	0.55	0.17	1.24	0.20	0.14
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro											
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	48.40	9.60	12.80	9.33	13.90	1.68	0.60	0.11	1.34	0.19	0.16
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro											
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro											
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation											
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation											
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation											
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation											
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation											
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation											
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation											
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation											
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation											
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation											
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation											

BHID	From	To	Length	Sample	Rock Type	SrO Wt.% 0.01 ME-ICP06	BaO Wt.% 0.01 ME-ICP06	LOI Wt.% 0.01 ME-ICP06	Total % Wt.% 0.01 ME-ICP06	LOI Factor Calc	SiO2 Wt.% 0.01 LOI Free Calc	Al2O3 Wt.% 0.01 LOI Free Calc	Fe2O3 Wt.% 0.01 LOI Free Calc	Cao Wt.% 0.01 LOI Free Calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	0.02	0.02	1.43	99.17	1.01	43.43	3.39	16.08	6.15
03EK-02	20.0	21.0	1.0	J591478	Peridotite	0.02	0.01	4.33	99.47	1.05	42.34	3.69	16.89	4.50
03EK-02	25.0	26.0	1.0	J591479	Peridotite	0.02	0.02	3.58	98.60	1.04	41.71	3.53	17.64	3.53
03EK-02	30.0	31.0	1.0	J591480	Peridotite	0.01	0.01	3.05	100.13	1.03	42.60	3.65	17.79	3.73
03EK-02	35.0	36.0	1.0	J591481	Peridotite	0.02	0.02	2.12	98.53	1.02	42.21	3.43	17.12	4.25
03EK-02	40.0	41.0	1.0	J591482	Peridotite	0.01	0.01	1.90	99.24	1.02	43.33	3.55	16.26	5.45
03EK-02	45.0	46.0	1.0	J591483	Peridotite	0.01	0.01	2.23	99.43	1.02	44.09	3.42	15.09	6.26
03EK-02	50.0	51.0	1.0	J591484	Peridotite	0.01	0.01	0.93	99.63	1.01	43.30	3.37	16.71	5.43
03EK-02	55.0	56.0	1.0	J591485	Peridotite	<0.01	0.02	1.44	99.26	1.01	43.53	3.28	16.18	5.34
03EK-02	60.0	61.0	1.0	J591486	Peridotite	<0.01	0.02	1.89	99.23	1.02	43.02	3.25	15.65	5.38
03EK-02	65.0	66.0	1.0	J591487	Peridotite	<0.01	0.02	3.67	99.10	1.04	43.30	3.04	14.75	6.18
03EK-02	70.0	71.0	1.0	J591488	Peridotite	<0.01	0.02	3.20	99.52	1.03	42.36	3.31	17.41	3.95
03EK-02	74.5	75.5	1.0	J591489	Peridotite	<0.01	0.02	4.17	99.24	1.04	42.80	3.19	16.91	4.49
03EK-02	80.0	81.0	1.0	J591490	Peridotite	0.01	0.01	3.19	99.92	1.03	42.35	3.75	17.41	4.41
03EK-02	85.0	86.0	1.0	J591491	Peridotite	0.01	0.02	2.26	99.45	1.02	42.36	3.45	17.50	3.91
03EK-02	90.0	91.0	1.0	J591492	Peridotite	0.02	0.02	2.42	99.02	1.03	42.13	3.93	17.17	3.78
03EK-02	95.5	96.5	1.0	J591493	Peridotite	0.01	0.01	2.25	99.58	1.02	42.05	3.90	17.70	3.51
03EK-02	100.0	101.0	1.0	J591494	Peridotite	0.01	0.02	2.56	99.00	1.03	42.29	3.75	16.22	4.43
03EK-02	105.0	106.0	1.0	J591495	Peridotite	0.01	0.02	3.67	99.89	1.04	42.46	3.94	16.25	4.18
03EK-02	110.0	111.0	1.0	J591496	Peridotite	0.01	0.02	1.23	99.54	1.01	42.73	3.83	16.91	4.06
03EK-02	115.0	116.0	1.0	J591497	Peridotite	0.01	0.02	1.72	99.21	1.02	42.44	3.92	16.64	3.92
03EK-02	120.0	121.0	1.0	J591498	Peridotite	0.02	0.02	0.79	99.10	1.01	42.64	3.87	17.09	4.46
03EK-02	125.0	126.0	1.0	J591499	Peridotite	0.02	0.02	0.94	99.59	1.01	43.51	3.91	16.40	5.28
03EK-02	130.0	131.0	1.0	J591500	Peridotite	0.02	0.02	0.91	99.29	1.01	42.59	4.20	17.21	4.22
03EK-02	135.0	136.0	1.0	J591501	Peridotite	0.02	0.02	1.74	99.59	1.02	43.46	4.27	16.03	5.46
03EK-02	140.0	141.0	1.0	J591502	Peridotite	0.02	0.02	1.94	99.62	1.02	42.83	4.52	16.73	4.25
03EK-02	141.0	142.0	1.0	J591503	Peridotite									
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro									
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro									
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro									
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	0.02	0.02	3.64	99.34	1.04	43.39	4.70	15.99	5.00
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro									
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro									
03EK-02	148.0	149.0	1.0	J591510	Melagabbro									
03EK-02	149.0	150.0	1.0	J591511	Melagabbro									
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	0.02	0.02	2.35	99.72	1.02	43.32	4.55	16.33	4.58
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	0.02	0.03	1.81	99.82	1.02	43.69	4.89	16.35	4.94
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	0.02	0.02	1.27	99.36	1.01	43.76	5.29	16.11	4.86
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	0.02	0.03	0.80	100.02	1.01	44.96	5.22	16.18	6.13
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	0.01	0.02	2.70	99.79	1.03	42.45	3.82	16.55	8.13
03EK-02	187.0	188.5	1.5	J591517	Peridotite	0.01	0.03	2.07	99.32	1.02	41.87	3.72	16.80	3.11
03EK-02	197.5	199.0	1.5	J591518	Peridotite	0.01	0.02	1.57	99.68	1.02	42.37	3.75	16.05	3.28
03EK-02	220.0	221.0	1.0	J591519	Peridotite	0.02	0.02	0.90	98.72	1.01	44.30	4.01	15.29	6.39
03EK-02	225.0	226.0	1.0	J591520	Peridotite	0.02	0.02	0.17	98.86	1.00	44.58	4.22	15.78	6.56
03EK-02	230.0	231.0	1.0	J591521	Peridotite	0.02	0.02	0.92	98.15	1.01	44.32	4.27	15.39	6.82
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	0.02	0.02	1.21	99.00	1.01	43.33	4.12	16.96	4.86
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	0.02	0.02	0.12	98.60	1.00	45.36	4.39	14.97	7.62
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	0.02	0.02	0.01	98.79	1.00	45.50	4.54	15.10	7.52
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	0.03	0.02	0.20	99.07	1.00	45.99	5.17	14.93	7.78
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	0.03	0.02	0.16	98.53	1.00	45.77	5.01	14.92	7.51
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	0.03	0.02	0.59	99.36	1.01	46.68	5.86	14.89	7.82
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	0.04	0.04	0.82	98.78	1.01	48.50	7.28	13.41	9.36
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	0.04	0.03	0.72	99.05	1.01	48.35	7.03	14.00	9.18
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	0.04	0.03	0.78	99.71	1.01	48.38	6.92	14.36	9.16
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	0.04	0.03	0.90	99.84	1.01	48.34	6.72	14.43	8.12

BHID	From	To	Length	Sample	Rock Type	SrO Wt.% 0.01 ME-ICP06	BaO Wt.% 0.01 ME-ICP06	LOI Wt.% 0.01 ME-ICP06	Total % Wt.% 0.01 ME-ICP06	LOI Factor Calc	SiO2 Wt.% 0.01 LOI Free Calc	Al2O3 Wt.% 0.01 LOI Free Calc	Fe2O3 Wt.% 0.01 LOI Free Calc	Cao Wt.% 0.01 LOI Free Calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	0.03	0.03	1.03	99.53	1.01	48.20	6.90	14.10	8.57
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	0.04	0.03	0.50	98.88	1.01	48.04	7.30	13.97	8.34
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	0.04	0.02	0.62	99.55	1.01	47.40	7.00	15.04	7.14
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro									
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	0.05	0.03	0.82	99.01	1.01	48.80	9.68	12.91	9.41
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro									
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro									
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation									
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation									
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation									
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation									
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation									
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation									
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation									
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation									
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation									
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation									
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation									

BHID	From	To	Length	Sample	Rock Type	MgO Wt.% 0.01 LOI Free Calc	Na2O Wt.% 0.01 LOI Free Calc	K2O Wt.% 0.01 LOI Free Calc	Cr2O3 Wt.% 0.01 LOI Free Calc	TiO2 Wt.% 0.01 LOI Free Calc	MnO Wt.% 0.01 LOI Free Calc	P2O5 Wt.% 0.01 LOI Free Calc	SrO Wt.% 0.01 LOI Free Calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	27.90	0.48	0.37	0.38	0.67	0.21	0.08	0.02
03EK-02	20.0	21.0	1.0	J591478	Peridotite	29.90	0.41	0.37	0.40	0.67	0.21	0.07	0.02
03EK-02	25.0	26.0	1.0	J591479	Peridotite	29.78	0.36	0.49	0.40	0.79	0.23	0.09	0.02
03EK-02	30.0	31.0	1.0	J591480	Peridotite	30.12	0.30	0.48	0.42	0.71	0.23	0.07	0.01
03EK-02	35.0	36.0	1.0	J591481	Peridotite	29.33	0.36	0.42	0.42	0.65	0.22	0.07	0.02
03EK-02	40.0	41.0	1.0	J591482	Peridotite	28.34	0.39	0.54	0.42	0.67	0.20	0.06	0.01
03EK-02	45.0	46.0	1.0	J591483	Peridotite	28.13	0.34	0.73	0.42	0.70	0.17	0.07	0.01
03EK-02	50.0	51.0	1.0	J591484	Peridotite	28.47	0.37	0.56	0.43	0.68	0.21	0.08	0.01
03EK-02	55.0	56.0	1.0	J591485	Peridotite	28.21	0.22	1.13	0.44	0.65	0.20	0.06	
03EK-02	60.0	61.0	1.0	J591486	Peridotite	29.26	0.17	1.15	0.45	0.61	0.19	0.07	
03EK-02	65.0	66.0	1.0	J591487	Peridotite	29.08	0.17	1.15	0.47	0.71	0.18	0.06	
03EK-02	70.0	71.0	1.0	J591488	Peridotite	29.86	0.19	0.97	0.50	0.66	0.21	0.09	
03EK-02	74.5	75.5	1.0	J591489	Peridotite	29.33	0.20	0.86	0.46	0.71	0.21	0.06	
03EK-02	80.0	81.0	1.0	J591490	Peridotite	29.85	0.33	0.39	0.46	0.65	0.23	0.06	0.01
03EK-02	85.0	86.0	1.0	J591491	Peridotite	29.88	0.35	0.42	0.50	0.74	0.24	0.08	0.01
03EK-02	90.0	91.0	1.0	J591492	Peridotite	29.52	0.43	0.44	0.51	0.76	0.23	0.08	0.02
03EK-02	95.5	96.5	1.0	J591493	Peridotite	29.98	0.39	0.49	0.52	0.72	0.23	0.08	0.01
03EK-02	100.0	101.0	1.0	J591494	Peridotite	29.46	0.38	0.86	0.51	0.77	0.20	0.09	0.01
03EK-02	105.0	106.0	1.0	J591495	Peridotite	30.21	0.37	0.89	0.51	0.77	0.20	0.07	0.01
03EK-02	110.0	111.0	1.0	J591496	Peridotite	29.16	0.45	0.76	0.53	0.79	0.20	0.10	0.01
03EK-02	115.0	116.0	1.0	J591497	Peridotite	29.31	0.45	0.89	0.54	0.78	0.20	0.10	0.01
03EK-02	120.0	121.0	1.0	J591498	Peridotite	28.43	0.57	0.41	0.51	0.75	0.23	0.10	0.02
03EK-02	125.0	126.0	1.0	J591499	Peridotite	27.76	0.58	0.51	0.51	0.78	0.21	0.09	0.02
03EK-02	130.0	131.0	1.0	J591500	Peridotite	28.16	0.52	0.66	0.57	0.82	0.21	0.10	0.02
03EK-02	135.0	136.0	1.0	J591501	Peridotite	27.58	0.56	0.54	0.51	0.82	0.21	0.10	0.02
03EK-02	140.0	141.0	1.0	J591502	Peridotite	28.35	0.54	0.57	0.56	0.90	0.21	0.11	0.02
03EK-02	141.0	142.0	1.0	J591503	Peridotite								
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro								
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro								
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro								
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	27.20	0.57	0.72	0.53	0.87	0.21	0.12	0.02
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro								
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro								
03EK-02	148.0	149.0	1.0	J591510	Melagabbro								
03EK-02	149.0	150.0	1.0	J591511	Melagabbro								
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	27.75	0.51	0.83	0.53	0.94	0.20	0.12	0.02
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	26.79	0.70	0.60	0.51	0.97	0.21	0.12	0.02
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	25.93	0.75	0.80	0.49	1.01	0.19	0.13	0.02
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	24.40	0.87	0.48	0.43	0.97	0.22	0.11	0.02
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	26.62	0.34	0.42	0.39	0.74	0.23	0.07	0.01
03EK-02	187.0	188.5	1.5	J591517	Peridotite	31.25	0.30	0.54	0.66	0.70	0.22	0.09	0.01
03EK-02	197.5	199.0	1.5	J591518	Peridotite	31.50	0.29	0.65	0.77	0.69	0.20	0.09	0.01
03EK-02	220.0	221.0	1.0	J591519	Peridotite	26.34	0.70	0.33	0.30	0.73	0.21	0.08	0.02
03EK-02	225.0	226.0	1.0	J591520	Peridotite	25.24	0.75	0.37	0.23	0.78	0.22	0.09	0.02
03EK-02	230.0	231.0	1.0	J591521	Peridotite	24.83	0.69	0.40	0.27	0.80	0.21	0.10	0.02
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	27.23	0.76	0.42	0.20	0.75	0.23	0.10	0.02
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	23.63	0.87	0.36	0.25	0.83	0.20	0.09	0.02
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	23.40	0.92	0.36	0.23	0.86	0.20	0.11	0.02
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	22.04	1.10	0.40	0.26	1.00	0.21	0.13	0.03
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	22.34	1.05	0.40	0.24	0.93	0.20	0.10	0.03
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	21.02	1.07	0.42	0.20	1.02	0.20	0.13	0.03
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	16.44	1.29	0.61	0.17	1.28	0.22	0.14	0.04
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	16.67	1.31	0.61	0.19	1.29	0.20	0.14	0.04
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	16.98	1.33	0.61	0.20	1.27	0.21	0.20	0.04
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	18.26	1.37	0.69	0.20	1.27	0.21	0.15	0.04

BHID	From	To	Length	Sample	Rock Type	MgO Wt.% 0.01 LOI Free Calc	Na2O Wt.% 0.01 LOI Free Calc	K2O Wt.% 0.01 LOI Free Calc	Cr2O3 Wt.% 0.01 LOI Free Calc	TiO2 Wt.% 0.01 LOI Free Calc	MnO Wt.% 0.01 LOI Free Calc	P2O5 Wt.% 0.01 LOI Free Calc	SrO Wt.% 0.01 LOI Free Calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	17.73	1.36	0.73	0.22	1.30	0.20	0.15	0.03
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	17.24	1.44	0.66	0.18	1.29	0.19	0.16	0.04
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	19.17	1.42	0.55	0.17	1.25	0.20	0.14	0.04
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro								
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	14.02	1.69	0.61	0.11	1.35	0.19	0.16	0.05
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro								
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro								
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation								
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation								
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation								
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation								
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation								
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation								
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation								
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation								
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation								
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation								
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation								

BHID	From	To	Length	Sample	Rock Type	BaO Wt.% 0.01 LOI Free Calc	Total % Wt.% 0.01 LOI Free Calc	Mg# Calc	S Wt.% 0.01 S-IR08	S ppm 100 Calc	Au ppm 0.001 PGM-ICP23	Au ppb 1 Calc	Pt ppm 0.005 PGM-ICP23	Pt ppb Calc	Pd ppm 0.001 PGM-ICP23	Pd ppb 1 Calc	Ni ppm 1 ME-4ACD81
03EK-02	15.0	16.0	1.0	J591477	Peridotite	0.02		77.47	0.04		<0.001		0.011		0.006		1010
03EK-02	20.0	21.0	1.0	J591478	Peridotite	0.01		77.82	0.04		0.003		0.009		0.006		1130
03EK-02	25.0	26.0	1.0	J591479	Peridotite	0.02		76.99	0.05		<0.001		0.008		0.005		1170
03EK-02	30.0	31.0	1.0	J591480	Peridotite	0.01		77.03	0.04		<0.001		0.008		0.006		1160
03EK-02	35.0	36.0	1.0	J591481	Peridotite	0.02		77.25	0.06		0.001		0.009		0.006		1130
03EK-02	40.0	41.0	1.0	J591482	Peridotite	0.01		77.55	0.05		0.001		0.009		0.006		1110
03EK-02	45.0	46.0	1.0	J591483	Peridotite	0.01		78.70	0.04		<0.001		0.007		0.003		1040
03EK-02	50.0	51.0	1.0	J591484	Peridotite	0.01		77.15	0.06		<0.001		0.006		0.004		1120
03EK-02	55.0	56.0	1.0	J591485	Peridotite	0.02		77.55	0.05		<0.001		0.006		0.004		1160
03EK-02	60.0	61.0	1.0	J591486	Peridotite	0.02		78.74	0.03		<0.001		0.007		0.004		1170
03EK-02	65.0	66.0	1.0	J591487	Peridotite	0.02		79.62	0.04		<0.001		0.006		0.002		1100
03EK-02	70.0	71.0	1.0	J591488	Peridotite	0.02		77.26	0.06		<0.001		0.007		0.005		1200
03EK-02	74.5	75.5	1.0	J591489	Peridotite	0.02		77.46	0.07		<0.001		0.01		0.006		1160
03EK-02	80.0	81.0	1.0	J591490	Peridotite	0.01		77.26	0.06		<0.001		0.012		0.009		1270
03EK-02	85.0	86.0	1.0	J591491	Peridotite	0.02		77.19	0.06		0.001		0.008		0.006		1310
03EK-02	90.0	91.0	1.0	J591492	Peridotite	0.02		77.31	0.06		0.001		0.014		0.018		1290
03EK-02	95.5	96.5	1.0	J591493	Peridotite	0.01		77.04	0.06		<0.001		0.011		0.007		1320
03EK-02	100.0	101.0	1.0	J591494	Peridotite	0.02		78.26	0.06		<0.001		0.009		0.005		1280
03EK-02	105.0	106.0	1.0	J591495	Peridotite	0.02		78.65	0.05		<0.001		0.012		0.009		1250
03EK-02	110.0	111.0	1.0	J591496	Peridotite	0.02		77.36	0.06		<0.001		0.009		0.006		1330
03EK-02	115.0	116.0	1.0	J591497	Peridotite	0.02		77.73	0.08		<0.001		0.009		0.005		1320
03EK-02	120.0	121.0	1.0	J591498	Peridotite	0.02		76.73	0.07		0.001		0.008		0.005		1280
03EK-02	125.0	126.0	1.0	J591499	Peridotite	0.02		77.03	0.07		<0.001		0.009		0.009		1270
03EK-02	130.0	131.0	1.0	J591500	Peridotite	0.02		76.43	0.1		0.001		0.013		0.01		1360
03EK-02	135.0	136.0	1.0	J591501	Peridotite	0.02		77.32	0.09		0.001		0.018		0.02		1230
03EK-02	140.0	141.0	1.0	J591502	Peridotite	0.02		77.06	0.09		0.001		0.021		0.017		1320
03EK-02	141.0	142.0	1.0	J591503	Peridotite				0.1		<0.001		0.019		0.014		1230
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro				0.09		0.001		0.019		0.016		1290
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro				0.1		0.001		0.016		0.012		1290
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro				0.11		<0.001		0.014		0.012		1200
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	0.02		77.12	0.12		0.001		0.015		0.015		1290
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro				0.09		0.002		0.017		0.017		1240
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro				0.1		<0.001		0.018		0.02		1220
03EK-02	148.0	149.0	1.0	J591510	Melagabbro				0.1		<0.001		0.015		0.014		1280
03EK-02	149.0	150.0	1.0	J591511	Melagabbro				0.09		0.001		0.016		0.016		1270
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	0.02		77.10	0.1		<0.001		0.015		0.017		1230
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	0.03		76.45	0.1		0.001		0.015		0.012		1185
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	0.02		76.13	0.1		0.001		0.012		0.012		1215
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	0.03		74.92	0.09		0.001		0.01		0.01		1060
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	0.02		76.12	0.22		0.004		0.027		0.044		1090
03EK-02	187.0	188.5	1.5	J591517	Peridotite	0.03		78.66	0.16		0.017		0.101		0.147		1715
03EK-02	197.5	199.0	1.5	J591518	Peridotite	0.02		79.54	0.26		0.013		0.102		0.166		1900
03EK-02	220.0	221.0	1.0	J591519	Peridotite	0.02		77.34	0.16		0.002		0.013		0.017		925
03EK-02	225.0	226.0	1.0	J591520	Peridotite	0.02		76.02	0.12		0.001		0.007		0.006		850
03EK-02	230.0	231.0	1.0	J591521	Peridotite	0.02		76.17	0.1		0.001		0.013		0.008		853
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	0.02		76.09	0.27		0.008		0.037		0.044		1020
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	0.02		75.77	0.08		<0.001		0		0.001		742
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	0.02		75.43	0.08		0.002		0.009		0.007		750
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	0.02		74.53	0.12		0.001		0.011		0.008		689
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	0.02		74.78	0.08		0.001		0.009		0.006		730
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	0.02		73.67	0.09		0.002		0.013		0.012		673
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	0.04		70.83	0.11		0.001		0.009		0.003		457
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	0.03		70.23	0.12		0.003		0.013		0.005		482
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	0.03		70.09	0.27		0.01		0.056		0.077		710
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	0.03		71.49	0.18		0.001		0.01		0.005		531

BHID	From	To	Length	Sample	Rock Type	BaO Wt.% 0.01 LOI Free Calc	Total % Wt.% 0.01 LOI Free Calc	Mg# Calc	S Wt.% 0.01 S-IR08	S ppm 100 Calc	Au ppm 0.001 PGM-ICP23	Au ppb 1 Calc	Pt ppm 0.005 PGM-ICP23	Pt ppb Calc	Pd ppm 0.001 PGM-ICP23	Pd ppb 1 Calc	Ni ppm 1 ME-4ACD81
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	0.03		71.37	0.15		0.001		0.01		0.007		529
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	0.03		70.97	0.08		0.001		0.01		0.004		495
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	0.02		71.63	0.16		0.001		0.011		0.009		652
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro				0.16		0.002		0.012		0.007		695
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	0.03		68.27	0.12		0.002		0.009		0.008		404
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro				0.12		<0.001		0.008		0.005		585
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro				0.08		0.001		0.01		0.007		657
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation				2.44		0.004						12
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation				2.47		0.004						18
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation				2.43		0.008						10
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation				2.03		0.011						10
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation				2.66		0.017						11
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation				2.37		0.031						10
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation				3.68		0.028						10
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation				1.91		0.017				0.001		11
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation				0.66		0.004						6
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation				0.95		0.007						27
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation				1.97		0.008						12

BHID	From	To	Length	Sample	Rock Type	Cu ppm 1 ME-4ACD81	Co ppm 1 ME-4ACD81	Cr ppm 10 ME-MS81	Ag ppm 0.5 ME-4ACD81	Th ppm 0.05 ME-MS81	Nb ppm 0.2 ME-MS81	La ppm 0.5 ME-MS81	Ce ppm 0.5 ME-MS81	Pr ppm 0.03 ME-MS81	Nd ppm 0.1 ME-MS81	Sm ppm 0.03 ME-MS81
03EK-02	15.0	16.0	1.0	J591477	Peridotite	54	139	2580	<0.5	0.53	2.6	8.9	19	2.44	11.1	2.55
03EK-02	20.0	21.0	1.0	J591478	Peridotite	47	147	2650	<0.5	0.37	2.5	5.6	14	1.82	8.9	2.1
03EK-02	25.0	26.0	1.0	J591479	Peridotite	92	151	2780	<0.5	0.81	3.9	8.7	18.9	2.34	10.6	2.44
03EK-02	30.0	31.0	1.0	J591480	Peridotite	34	146	2850	<0.5	0.72	3.4	8	17.9	2.38	9.9	2.15
03EK-02	35.0	36.0	1.0	J591481	Peridotite	65	146	2830	<0.5	0.72	3.2	7.7	17.4	2.25	9.9	2.27
03EK-02	40.0	41.0	1.0	J591482	Peridotite	37	145	2840	<0.5	0.45	2.6	6.7	15.2	2.05	9	2.01
03EK-02	45.0	46.0	1.0	J591483	Peridotite	24	130	2810	<0.5	0.56	3.3	6.1	14.9	2.01	9.9	2.03
03EK-02	50.0	51.0	1.0	J591484	Peridotite	45	142	3010	<0.5	0.52	2.8	7	16	2.22	9.9	2.03
03EK-02	55.0	56.0	1.0	J591485	Peridotite	22	149	2960	<0.5	0.63	2.9	6.5	15.3	2.02	9.1	1.8
03EK-02	60.0	61.0	1.0	J591486	Peridotite	16	133	3040	<0.5	0.54	2.7	4.1	12.2	1.72	8.9	2.22
03EK-02	65.0	66.0	1.0	J591487	Peridotite	38	122	3110	<0.5	0.82	3.5	4	11.6	1.86	9.6	2.31
03EK-02	70.0	71.0	1.0	J591488	Peridotite	19	147	3320	<0.5	0.54	2.8	4.3	12	1.73	8.9	2.32
03EK-02	74.5	75.5	1.0	J591489	Peridotite	24	141	3010	<0.5	0.61	3.3	4.2	12.4	1.91	8.9	2
03EK-02	80.0	81.0	1.0	J591490	Peridotite	68	155	3060	<0.5	0.43	2.4	6.9	15.1	1.93	8.4	1.89
03EK-02	85.0	86.0	1.0	J591491	Peridotite	87	152	3380	<0.5	0.59	3.4	8.9	18.1	2.23	10.6	2.56
03EK-02	90.0	91.0	1.0	J591492	Peridotite	80	150	3440	<0.5	0.55	3.2	7.7	17.5	2.24	9.9	2.09
03EK-02	95.5	96.5	1.0	J591493	Peridotite	36	155	3410	<0.5	0.54	3.1	8	17.7	2.25	10	2.29
03EK-02	100.0	101.0	1.0	J591494	Peridotite	23	138	3420	<0.5	0.59	3.4	5.6	15.6	2.21	10.8	2.43
03EK-02	105.0	106.0	1.0	J591495	Peridotite	17	137	3320	<0.5	0.55	3.9	5.2	13.3	1.87	9	1.99
03EK-02	110.0	111.0	1.0	J591496	Peridotite	19	145	3550	<0.5	0.74	4	7.7	18.9	2.66	12	2.39
03EK-02	115.0	116.0	1.0	J591497	Peridotite	40	144	3630	<0.5	0.79	4.7	8	19	2.6	11.3	2.32
03EK-02	120.0	121.0	1.0	J591498	Peridotite	81	144	3460	<0.5	0.7	3.8	9.8	20.8	2.69	11.9	2.64
03EK-02	125.0	126.0	1.0	J591499	Peridotite	66	135	3450	<0.5	0.66	3.9	9.2	19.9	2.63	12.1	2.75
03EK-02	130.0	131.0	1.0	J591500	Peridotite	58	139	3790	<0.5	0.72	3.9	9	20.7	2.75	12.1	2.63
03EK-02	135.0	136.0	1.0	J591501	Peridotite	75	136	3520	<0.5	0.81	3.8	10.7	23	2.78	12	2.92
03EK-02	140.0	141.0	1.0	J591502	Peridotite	86	140	3780	<0.5	0.82	4.4	11.8	24.5	3.1	12.9	2.55
03EK-02	141.0	142.0	1.0	J591503	Peridotite	40	128		<0.5							
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro	70	138		<0.5							
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro	83	139		<0.5							
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro	38	128		<0.5							
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	61	136	3490	<0.5	0.91	4.3	10.4	24.1	3.09	13.2	3.05
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro	75	129		<0.5							
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro	43	125		<0.5							
03EK-02	148.0	149.0	1.0	J591510	Melagabbro	35	136		<0.5							
03EK-02	149.0	150.0	1.0	J591511	Melagabbro	91	136		<0.5							
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	43	125	3660	<0.5	0.96	4.6	9.7	22.9	2.92	13.3	2.95
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	89	124	3550	<0.5	0.93	4.6	12.4	27	3.43	14.1	3.26
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	51	125	3310	<0.5	0.96	4.9	10.7	25.2	3.35	14.8	3.51
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	98	117	2990	<0.5	0.8	4.5	12.6	27.8	3.51	15.4	3.44
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	279	133	2690	<0.5	0.65	2.4	7.2	17.1	2.27	10.2	2.58
03EK-02	187.0	188.5	1.5	J591517	Peridotite	597	149	4550	<0.5	0.64	2.7	8.5	17.3	2.17	8.7	2.14
03EK-02	197.5	199.0	1.5	J591518	Peridotite	559	151	5300	<0.5	0.57	2.6	7.3	17	2.34	10.2	1.95
03EK-02	220.0	221.0	1.0	J591519	Peridotite	123	127	2100	<0.5	0.66	2.6	7.8	18	2.38	10.4	2.55
03EK-02	225.0	226.0	1.0	J591520	Peridotite	80	127	1630	<0.5	0.73	2.8	8.3	19.4	2.64	11.2	2.63
03EK-02	230.0	231.0	1.0	J591521	Peridotite	82	121	1870	<0.5	0.7	3.1	8.5	19.6	2.53	11.5	2.59
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	296	137	1440	<0.5	0.7	2.9	8.5	19.4	2.61	10.9	2.42
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	40	113	1830	<0.5	0.73	3.2	9	21	2.74	12.2	2.92
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	65	115	1660	<0.5	0.77	3.7	9.4	22.2	2.97	13.2	2.9
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	62	105	1660	<0.5	0.9	3.7	10.4	24.4	3.35	14.1	3.51
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	68	111	1720	<0.5	0.89	3.6	10.2	23.6	3.14	14	3.44
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	90	104	1470	<0.5	1.06	4.1	11.4	26.3	3.62	14.8	3.56
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	85	83	1260	<0.5	1.14	4.8	13.7	31	4.09	18.2	4.55
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	76	85	1340	<0.5	1.26	5.5	13.9	31.9	4.21	18.3	4.21
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	452	89	1410	<0.5	1.41	5.2	15.6	35.9	4.55	20.1	4.5
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	82	86	1390	<0.5	1.26	5.2	14.3	32.4	4.14	17.8	3.98

BHID	From	To	Length	Sample	Rock Type	Cu ppm 1 ME-4ACD81	Co ppm 1 ME-4ACD81	Cr ppm 10 ME-MS81	Ag ppm 0.5 ME-4ACD81	Th ppm 0.05 ME-MS81	Nb ppm 0.2 ME-MS81	La ppm 0.5 ME-MS81	Ce ppm 0.5 ME-MS81	Pr ppm 0.03 ME-MS81	Nd ppm 0.1 ME-MS81	Sm ppm 0.03 ME-MS81
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	87	86	1590	<0.5	1.42	5.8	13.7	33.6	4.32	18.8	4.65
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	81	84	1280	<0.5	1.37	5.7	15.3	35.3	4.49	19.9	4.55
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	102	103	1280	<0.5	1.36	5.7	14.7	34	4.56	19	4.07
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro	110	110		<0.5							
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	124	74	750	<0.5	1.33	5.8	14.6	33.7	4.42	19.1	4.65
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro	82	100		<0.5							
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro	107	108		<0.5							
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation	60	52		<0.5							
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation	35	42		<0.5							
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation	68	44		<0.5							
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation	68	40		<0.5							
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation	105	54		<0.5							
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation	85	42		<0.5							
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation	92	54		<0.5							
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation	193	55		<0.5							
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation	57	21		<0.5							
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation	248	31		<0.5							
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation	577	87		<0.5							

BHID	From	To	Length	Sample	Rock Type	Eu ppm 0.03 ME-MS81	Gd ppm 0.05 ME-MS81	Tb ppm 0.01 ME-MS81	Dy ppm 0.05 ME-MS81	Ho ppm 0.01 ME-MS81	Er ppm 0.03 ME-MS81	Tm ppm 0.01 ME-MS81	Yb ppm 0.03 ME-MS81	Lu ppm 0.01 ME-MS81	Ba ppm 0.5 ME-MS81	Cs ppm 0.01 ME-MS81
03EK-02	15.0	16.0	1.0	J591477	Peridotite	0.67	2.45	0.3	1.77	0.33	0.89	0.11	0.67	0.11	171.5	0.19
03EK-02	20.0	21.0	1.0	J591478	Peridotite	0.63	1.96	0.28	1.37	0.26	0.63	0.08	0.57	0.06	129	0.22
03EK-02	25.0	26.0	1.0	J591479	Peridotite	0.84	2.09	0.26	1.78	0.3	0.69	0.11	0.67	0.1	192	0.27
03EK-02	30.0	31.0	1.0	J591480	Peridotite	0.62	2.18	0.26	1.69	0.25	0.6	0.09	0.67	0.09	127.5	0.29
03EK-02	35.0	36.0	1.0	J591481	Peridotite	0.66	2.08	0.26	1.58	0.27	0.83	0.1	0.65	0.09	137	0.21
03EK-02	40.0	41.0	1.0	J591482	Peridotite	0.59	1.9	0.27	1.63	0.26	0.75	0.08	0.58	0.08	114.5	0.36
03EK-02	45.0	46.0	1.0	J591483	Peridotite	0.57	2.21	0.3	1.78	0.32	0.89	0.1	0.77	0.08	119.5	0.46
03EK-02	50.0	51.0	1.0	J591484	Peridotite	0.59	2.1	0.28	1.62	0.26	0.77	0.09	0.59	0.07	132.5	0.25
03EK-02	55.0	56.0	1.0	J591485	Peridotite	0.48	2.06	0.28	1.49	0.27	0.63	0.08	0.54	0.07	150.5	0.5
03EK-02	60.0	61.0	1.0	J591486	Peridotite	0.44	1.96	0.26	1.43	0.24	0.62	0.09	0.59	0.09	211	0.42
03EK-02	65.0	66.0	1.0	J591487	Peridotite	0.45	2.03	0.32	1.67	0.33	0.82	0.1	0.64	0.1	185.5	0.52
03EK-02	70.0	71.0	1.0	J591488	Peridotite	0.43	1.95	0.22	1.49	0.26	0.67	0.09	0.59	0.08	158	0.57
03EK-02	74.5	75.5	1.0	J591489	Peridotite	0.5	1.82	0.26	1.49	0.26	0.55	0.1	0.64	0.08	142.5	0.56
03EK-02	80.0	81.0	1.0	J591490	Peridotite	0.62	1.85	0.22	1.32	0.22	0.65	0.1	0.51	0.06	127	0.27
03EK-02	85.0	86.0	1.0	J591491	Peridotite	0.63	2.13	0.31	1.67	0.29	0.77	0.12	0.58	0.08	153.5	0.22
03EK-02	90.0	91.0	1.0	J591492	Peridotite	0.77	1.96	0.24	1.52	0.24	0.71	0.09	0.62	0.09	168.5	0.33
03EK-02	95.5	96.5	1.0	J591493	Peridotite	0.63	1.94	0.28	1.36	0.25	0.59	0.11	0.55	0.09	125.5	0.35
03EK-02	100.0	101.0	1.0	J591494	Peridotite	0.52	2.23	0.3	1.69	0.31	0.77	0.13	0.59	0.1	141.5	0.67
03EK-02	105.0	106.0	1.0	J591495	Peridotite	0.53	1.93	0.26	1.5	0.22	0.71	0.09	0.67	0.09	155	1.39
03EK-02	110.0	111.0	1.0	J591496	Peridotite	0.72	2.55	0.33	1.91	0.31	0.82	0.11	0.63	0.1	160.5	0.71
03EK-02	115.0	116.0	1.0	J591497	Peridotite	0.75	2.15	0.25	1.82	0.29	0.79	0.1	0.63	0.1	184.5	0.83
03EK-02	120.0	121.0	1.0	J591498	Peridotite	0.83	2.49	0.32	1.74	0.28	0.81	0.1	0.66	0.11	217	0.26
03EK-02	125.0	126.0	1.0	J591499	Peridotite	0.77	2.49	0.33	1.94	0.31	0.87	0.12	0.7	0.08	180.5	0.26
03EK-02	130.0	131.0	1.0	J591500	Peridotite	0.69	2.19	0.35	1.89	0.3	0.93	0.1	0.73	0.1	181	0.33
03EK-02	135.0	136.0	1.0	J591501	Peridotite	0.88	2.59	0.41	2.01	0.33	0.98	0.13	0.71	0.1	182	0.41
03EK-02	140.0	141.0	1.0	J591502	Peridotite	0.84	2.74	0.37	1.83	0.31	0.95	0.11	0.6	0.1	144.5	0.36
03EK-02	141.0	142.0	1.0	J591503	Peridotite											
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro											
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro											
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro											
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	0.81	2.71	0.39	2	0.33	0.98	0.12	0.81	0.12	190	0.61
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro											
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro											
03EK-02	148.0	149.0	1.0	J591510	Melagabbro											
03EK-02	149.0	150.0	1.0	J591511	Melagabbro											
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	0.81	2.58	0.34	1.92	0.34	0.99	0.12	0.83	0.13	181	0.67
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	1.05	2.85	0.45	2.12	0.41	1.18	0.13	0.83	0.11	228	0.4
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	0.8	3.12	0.38	2.24	0.4	1.1	0.13	0.88	0.14	173	0.48
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	1.03	3.31	0.45	2.34	0.41	1.22	0.15	0.97	0.12	218	0.47
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	0.65	2.27	0.32	1.74	0.33	0.85	0.1	0.72	0.08	178.5	0.51
03EK-02	187.0	188.5	1.5	J591517	Peridotite	0.61	1.96	0.27	1.4	0.25	0.72	0.1	0.63	0.08	228	0.59
03EK-02	197.5	199.0	1.5	J591518	Peridotite	0.71	2.08	0.31	1.43	0.26	0.67	0.1	0.64	0.09	184	0.61
03EK-02	220.0	221.0	1.0	J591519	Peridotite	0.77	2.46	0.37	1.79	0.29	0.96	0.13	0.68	0.1	149.5	0.38
03EK-02	225.0	226.0	1.0	J591520	Peridotite	0.81	2.47	0.39	1.81	0.33	1.04	0.09	0.73	0.09	160.5	0.44
03EK-02	230.0	231.0	1.0	J591521	Peridotite	0.75	2.24	0.38	1.95	0.35	1.04	0.11	0.76	0.09	150	0.38
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	0.79	2.2	0.34	1.78	0.33	0.9	0.11	0.71	0.1	153.5	0.41
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	0.86	2.81	0.41	2.15	0.38	0.98	0.1	0.77	0.12	143	0.36
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	0.91	2.9	0.42	2.28	0.35	0.97	0.12	0.77	0.11	146	0.25
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	0.95	2.87	0.43	2.34	0.36	1.19	0.15	0.78	0.13	166	0.25
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	0.91	3.3	0.47	2.27	0.41	1.23	0.15	0.88	0.13	159.5	0.24
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	1.04	3.39	0.5	2.33	0.42	1.34	0.15	1	0.13	165	0.51
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	1.37	3.95	0.57	2.99	0.52	1.65	0.16	1.26	0.15	358	0.82
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	1.43	3.95	0.58	2.98	0.56	1.67	0.23	1.24	0.17	244	0.64
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	1.38	4.24	0.66	3.37	0.58	1.55	0.22	1.34	0.16	275	0.42
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	1.26	4.08	0.6	3.08	0.52	1.56	0.17	1.34	0.15	270	0.55

BHID	From	To	Length	Sample	Rock Type	Eu ppm 0.03 ME-MS81	Gd ppm 0.05 ME-MS81	Tb ppm 0.01 ME-MS81	Dy ppm 0.05 ME-MS81	Ho ppm 0.01 ME-MS81	Er ppm 0.03 ME-MS81	Tm ppm 0.01 ME-MS81	Yb ppm 0.03 ME-MS81	Lu ppm 0.01 ME-MS81	Ba ppm 0.5 ME-MS81	Cs ppm 0.01 ME-MS81
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	1.26	4.6	0.61	3.34	0.53	1.52	0.23	1.31	0.17	267	0.53
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	1.34	4.04	0.62	3.38	0.56	1.73	0.18	1.33	0.15	258	0.46
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	1.17	4.08	0.56	3.01	0.51	1.48	0.2	1.23	0.19	228	0.34
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro											
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	1.36	3.86	0.58	3.1	0.52	1.49	0.2	1.18	0.19	239	0.62
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro											
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro											
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation											
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation											
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation											
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation											
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation											
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation											
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation											
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation											
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation											
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation											
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation											

BHID	From	To	Length	Sample	Rock Type	Ga ppm 0.1 ME-MS81	Hf ppm 0.2 ME-MS81	Mo ppm 1 ME-4ACD81	Pb ppm 2 ME-4ACD81	Rb ppm 0.2 ME-MS81	Sn ppm 1 ME-MS81	Sr ppm 0.1 ME-MS81	Ta ppm 0.1 ME-MS81	Tl ppm 0.5 ME-MS81	U ppm 0.05 ME-MS81	V ppm 5 ME-MS81
03EK-02	15.0	16.0	1.0	J591477	Peridotite	6.5	1.1	2	4	9	1	127	0.2	<10	0.16	141
03EK-02	20.0	21.0	1.0	J591478	Peridotite	6.1	0.9	1	5	9.1	1	153.5	0.1	<10	0.1	126
03EK-02	25.0	26.0	1.0	J591479	Peridotite	6.7	1.5	1	7	11.7	1	192	0.2	<10	0.29	133
03EK-02	30.0	31.0	1.0	J591480	Peridotite	6.6	1.6	1	3	12.3	1	117	0.2	<10	0.23	132
03EK-02	35.0	36.0	1.0	J591481	Peridotite	6.5	1.2	1	<2	9.7	1	132	0.2	<10	0.17	131
03EK-02	40.0	41.0	1.0	J591482	Peridotite	6.9	1.2	1	2	12.9	<1	101	0.1	<10	0.12	144
03EK-02	45.0	46.0	1.0	J591483	Peridotite	7	1.4	1	2	18.8	1	74	0.2	<10	0.32	137
03EK-02	50.0	51.0	1.0	J591484	Peridotite	6.5	1.2	1	3	13.9	1	90.8	0.2	<10	0.14	142
03EK-02	55.0	56.0	1.0	J591485	Peridotite	6.2	1.2	1	3	27.9	<1	37.1	0.2	<10	0.2	155
03EK-02	60.0	61.0	1.0	J591486	Peridotite	6.3	1.2	2	7	31.2	1	49.4	0.2	<10	0.28	133
03EK-02	65.0	66.0	1.0	J591487	Peridotite	6.2	1.3	1	4	31.5	1	28.5	0.2	<10	0.53	132
03EK-02	70.0	71.0	1.0	J591488	Peridotite	5.9	1	1	4	25.8	<1	43	0.2	<10	0.19	141
03EK-02	74.5	75.5	1.0	J591489	Peridotite	6.3	1.5	2	6	22.3	1	45.6	0.2	<10	0.16	141
03EK-02	80.0	81.0	1.0	J591490	Peridotite	6.2	1.1	1	3	9.2	1	119	0.2	<10	0.14	126
03EK-02	85.0	86.0	1.0	J591491	Peridotite	6.5	1.4	2	4	9.6	1	115	0.2	<10	0.17	137
03EK-02	90.0	91.0	1.0	J591492	Peridotite	6.7	1.3	2	2	9.6	1	123.5	0.2	<10	0.16	138
03EK-02	95.5	96.5	1.0	J591493	Peridotite	7.5	1.2	1	<2	10.8	<1	113.5	0.2	<10	0.16	128
03EK-02	100.0	101.0	1.0	J591494	Peridotite	7.3	1.5	1	3	21.3	1	81.7	0.2	<10	0.25	140
03EK-02	105.0	106.0	1.0	J591495	Peridotite	7	1.3	2	3	22.8	1	95.8	0.2	<10	0.24	132
03EK-02	110.0	111.0	1.0	J591496	Peridotite	7	1.7	1	2	18.2	1	107	0.3	<10	0.2	142
03EK-02	115.0	116.0	1.0	J591497	Peridotite	7.8	2	1	3	22.6	1	112	0.2	<10	0.28	144
03EK-02	120.0	121.0	1.0	J591498	Peridotite	7.4	1.4	1	7	8.9	1	152	0.2	<10	0.17	147
03EK-02	125.0	126.0	1.0	J591499	Peridotite	7.3	1.6	1	5	12.2	1	127.5	0.2	<10	0.17	153
03EK-02	130.0	131.0	1.0	J591500	Peridotite	7.8	1.4	1	4	15.4	1	138	0.2	<10	0.22	154
03EK-02	135.0	136.0	1.0	J591501	Peridotite	7.8	1.4	2	3	12.9	<1	146	0.1	<10	0.2	153
03EK-02	140.0	141.0	1.0	J591502	Peridotite	8	1.5	2	4	13.6	1	140.5	0.1	<10	0.23	161
03EK-02	141.0	142.0	1.0	J591503	Peridotite											
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro											
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro											
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro											
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	8	1.7	2	10	17.6	1	134.5	0.2	<10	0.24	146
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro											
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro											
03EK-02	148.0	149.0	1.0	J591510	Melagabbro											
03EK-02	149.0	150.0	1.0	J591511	Melagabbro											
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	8.4	1.9	<1	3	21	1	131	0.2	10	0.33	157
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	8.6	1.9	<1	5	14.4	1	159	0.2	10	0.24	160
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	9.1	1.9	<1	<2	18.9	1	159	0.2	<10	0.3	168
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	8.9	1.7	<1	<2	10.8	1	192.5	0.2	10	0.21	181
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	6.7	1.3	<1	<2	9.7	1	95.5	0.1	<10	0.15	141
03EK-02	187.0	188.5	1.5	J591517	Peridotite	7.2	1.4	<1	3	13.6	1	97	<0.1	<10	0.14	137
03EK-02	197.5	199.0	1.5	J591518	Peridotite	6.9	1.3	<1	2	16.2	1	72.6	<0.1	10	0.17	136
03EK-02	220.0	221.0	1.0	J591519	Peridotite	7.1	1.5	<1	3	7.9	<1	145.5	0.1	<10	0.17	157
03EK-02	225.0	226.0	1.0	J591520	Peridotite	7.8	1.5	<1	5	8.2	1	170	0.1	10	0.15	163
03EK-02	230.0	231.0	1.0	J591521	Peridotite	7.8	1.5	<1	4	9.1	1	159.5	0.1	<10	0.14	164
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	7.1	1.4	<1	<2	9.8	1	148.5	0.1	<10	0.13	138
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	7.4	1.6	<1	2	7.8	<1	184	0.1	10	0.16	174
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	8.4	1.5	<1	5	7.7	1	184	0.1	<10	0.18	185
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	8.7	1.9	<1	<2	8.5	1	206	0.2	10	0.19	191
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	9.1	1.9	<1	<2	8	1	201	0.1	<10	0.17	194
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	10.1	2	<1	4	10.2	1	231	0.2	<10	0.24	199
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	12.6	2.5	<1	8	12.1	1	321	0.2	<10	0.24	233
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	11.2	2.5	<1	6	14.2	1	286	0.2	<10	0.28	232
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	11.8	2.6	<1	8	12.5	1	282	0.2	<10	0.27	245
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	11.8	2.7	<1	5	14.5	1	270	0.2	<10	0.32	234

BHID	From	To	Length	Sample	Rock Type	Ga ppm 0.1 ME-MS81	Hf ppm 0.2 ME-MS81	Mo ppm 1 ME-4ACD81	Pb ppm 2 ME-4ACD81	Rb ppm 0.2 ME-MS81	Sn ppm 1 ME-MS81	Sr ppm 0.1 ME-MS81	Ta ppm 0.1 ME-MS81	Tl ppm 0.5 ME-MS81	U ppm 0.05 ME-MS81	V ppm 5 ME-MS81
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	12	2.6	<1	6	16	1	283	0.3	<10	0.28	234
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	12.2	2.8	<1	6	13.9	1	300	0.2	10	0.3	227
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	12.2	2.6	<1	3	12.4	1	291	0.3	10	0.23	211
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro											
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	14.3	2.7	<1	5	14	1	394	0.2	10	0.38	240
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro											
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro											
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation											
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation											
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation											
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation											
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation											
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation											
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation											
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation											
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation											
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation											
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation											

BHID	From	To	Length	Sample	Rock Type	W ppm 1 ME-MS81	Y ppm 0.05 ME-MS81	Zn ppm 2 ME-4ACD81	Zr ppm 2 ME-MS81	As ppm 5 ME-4ACD81	Cd ppm 0.5 ME-4ACD81	Li ppm 10 ME-4ACD81	Sc ppm 1 ME-4ACD81	Th PM 0.09 PM Norm calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	<1	7.9	99	42	<5	<0.5	10	19	6.24
03EK-02	20.0	21.0	1.0	J591478	Peridotite	<1	6.4	100	37	<5	<0.5	10	15	4.35
03EK-02	25.0	26.0	1.0	J591479	Peridotite	<1	7.3	133	59	<5	<0.5	10	13	9.53
03EK-02	30.0	31.0	1.0	J591480	Peridotite	<1	7.1	103	59	<5	<0.5	10	13	8.47
03EK-02	35.0	36.0	1.0	J591481	Peridotite	<1	6.7	117	41	<5	<0.5	10	14	8.47
03EK-02	40.0	41.0	1.0	J591482	Peridotite	<1	6.7	95	43	<5	<0.5	10	18	5.29
03EK-02	45.0	46.0	1.0	J591483	Peridotite	<1	7.7	76	47	<5	<0.5	10	18	6.59
03EK-02	50.0	51.0	1.0	J591484	Peridotite	<1	7.2	99	44	<5	<0.5	<10	18	6.12
03EK-02	55.0	56.0	1.0	J591485	Peridotite	<1	6.6	100	41	<5	<0.5	10	19	7.41
03EK-02	60.0	61.0	1.0	J591486	Peridotite	1	6.5	93	42	<5	<0.5	10	17	6.35
03EK-02	65.0	66.0	1.0	J591487	Peridotite	<1	7.7	81	52	<5	<0.5	10	16	9.65
03EK-02	70.0	71.0	1.0	J591488	Peridotite	<1	6.4	101	40	<5	<0.5	10	14	6.35
03EK-02	74.5	75.5	1.0	J591489	Peridotite	1	6.7	98	49	<5	<0.5	10	16	7.18
03EK-02	80.0	81.0	1.0	J591490	Peridotite	<1	5.9	121	35	<5	<0.5	10	14	5.06
03EK-02	85.0	86.0	1.0	J591491	Peridotite	<1	7.2	132	54	<5	<0.5	<10	14	6.94
03EK-02	90.0	91.0	1.0	J591492	Peridotite	1	6.8	124	46	<5	<0.5	<10	13	6.47
03EK-02	95.5	96.5	1.0	J591493	Peridotite	1	6.5	106	43	<5	<0.5	10	12	6.35
03EK-02	100.0	101.0	1.0	J591494	Peridotite	<1	7.7	97	49	<5	<0.5	10	13	6.94
03EK-02	105.0	106.0	1.0	J591495	Peridotite	<1	6.4	92	46	<5	<0.5	10	13	6.47
03EK-02	110.0	111.0	1.0	J591496	Peridotite	<1	7.9	99	58	<5	<0.5	10	14	8.71
03EK-02	115.0	116.0	1.0	J591497	Peridotite	<1	8	110	75	<5	<0.5	10	14	9.29
03EK-02	120.0	121.0	1.0	J591498	Peridotite	<1	7.8	144	51	<5	<0.5	<10	15	8.24
03EK-02	125.0	126.0	1.0	J591499	Peridotite	<1	8.1	118	55	<5	<0.5	<10	18	7.76
03EK-02	130.0	131.0	1.0	J591500	Peridotite	1	7.9	108	57	<5	<0.5	10	15	8.47
03EK-02	135.0	136.0	1.0	J591501	Peridotite	1	8.6	112	59	<5	<0.5	<10	17	9.53
03EK-02	140.0	141.0	1.0	J591502	Peridotite	<1	8.3	106	62	<5	<0.5	10	14	9.65
03EK-02	141.0	142.0	1.0	J591503	Peridotite									0.00
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro									0.00
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro									0.00
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro									0.00
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	<1	9.7	110	70	<5	<0.5	10	15	10.71
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro									0.00
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro									0.00
03EK-02	148.0	149.0	1.0	J591510	Melagabbro									0.00
03EK-02	149.0	150.0	1.0	J591511	Melagabbro									0.00
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	<1	9.2	93	70	<5	0.6	10	15	11.29
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	1	10	121	72	<5	0.5	10	16	10.94
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	<1	10.4	96	76	<5	0.6	10	16	11.29
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	<1	11	128	67	<5	0.6	10	20	9.41
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	<1	8.2	108	52	<5	0.8	10	18	7.65
03EK-02	187.0	188.5	1.5	J591517	Peridotite	<1	6.6	117	53	<5	0.8	10	11	7.53
03EK-02	197.5	199.0	1.5	J591518	Peridotite	<1	7.1	109	53	<5	0.5	10	12	6.71
03EK-02	220.0	221.0	1.0	J591519	Peridotite	<1	8.2	102	54	<5	<0.5	<10	20	7.76
03EK-02	225.0	226.0	1.0	J591520	Peridotite	<1	8.9	117	57	<5	1	<10	21	8.59
03EK-02	230.0	231.0	1.0	J591521	Peridotite	<1	8.8	106	57	<5	0.7	<10	21	8.24
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	<1	8.1	112	59	<5	0.7	10	16	8.24
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	<1	9.6	97	61	<5	0.7	<10	24	8.59
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	<1	9.8	101	64	<5	0.6	<10	24	9.06
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	<1	10.6	99	72	<5	0.6	<10	24	10.59
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	<1	10.6	99	69	<5	0.6	<10	24	10.47
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	<1	11.7	100	78	<5	0.8	<10	24	12.47
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	<1	14.3	152	92	<5	1	10	27	13.41
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	<1	14.4	108	97	<5	0.6	10	27	14.82
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	<1	15.2	110	97	<5	0.7	10	27	16.59
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	<1	13.9	115	99	<5	0.7	10	25	14.82

BHID	From	To	Length	Sample	Rock Type	W ppm 1 ME-MS81	Y ppm 0.05 ME-MS81	Zn ppm 2 ME-4ACD81	Zr ppm 2 ME-MS81	As ppm 5 ME-4ACD81	Cd ppm 0.5 ME-4ACD81	Li ppm 10 ME-4ACD81	Sc ppm 1 ME-4ACD81	Th PM 0.09 PM Norm calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	1	15	102	108	<5	0.5	10	25	16.71
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	<1	14.8	104	108	<5	0.5	10	24	16.12
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	<1	14.3	108	106	<5	0.5	<10	22	16.00
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro									
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	<1	14.7	103	106	<5	0.7	<10	25	15.65
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro									
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro									
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation									
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation									
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation									
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation									
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation									
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation									
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation									
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation									
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation									
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation									
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation									

BHID	From	To	Length	Sample	Rock Type	Nb PM 0.71 PM Norm calc	La PM 0.69 PM Norm calc	Ce PM 1.78 PM Norm calc	Pr PM 0.28 PM Norm calc	Nd PM 1.35 PM Norm calc	Sm PM 0.44 PM Norm calc	Eu PM 0.17 PM Norm calc	Gd PM 0.60 PM Norm calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	3.65	12.95	10.70	8.84	8.20	5.74	3.99	4.11
03EK-02	20.0	21.0	1.0	J591478	Peridotite	3.51	8.15	7.89	6.59	6.57	4.73	3.75	3.29
03EK-02	25.0	26.0	1.0	J591479	Peridotite	5.47	12.66	10.65	8.48	7.83	5.50	5.00	3.51
03EK-02	30.0	31.0	1.0	J591480	Peridotite	4.77	11.64	10.08	8.62	7.31	4.84	3.69	3.66
03EK-02	35.0	36.0	1.0	J591481	Peridotite	4.49	11.21	9.80	8.15	7.31	5.11	3.93	3.49
03EK-02	40.0	41.0	1.0	J591482	Peridotite	3.65	9.75	8.56	7.43	6.65	4.53	3.51	3.19
03EK-02	45.0	46.0	1.0	J591483	Peridotite	4.63	8.88	8.39	7.28	7.31	4.57	3.39	3.71
03EK-02	50.0	51.0	1.0	J591484	Peridotite	3.93	10.19	9.01	8.04	7.31	4.57	3.51	3.52
03EK-02	55.0	56.0	1.0	J591485	Peridotite	4.07	9.46	8.62	7.32	6.72	4.05	2.86	3.46
03EK-02	60.0	61.0	1.0	J591486	Peridotite	3.79	5.97	6.87	6.23	6.57	5.00	2.62	3.29
03EK-02	65.0	66.0	1.0	J591487	Peridotite	4.91	5.82	6.54	6.74	7.09	5.20	2.68	3.41
03EK-02	70.0	71.0	1.0	J591488	Peridotite	3.93	6.26	6.76	6.27	6.57	5.23	2.56	3.27
03EK-02	74.5	75.5	1.0	J591489	Peridotite	4.63	6.11	6.99	6.92	6.57	4.50	2.98	3.05
03EK-02	80.0	81.0	1.0	J591490	Peridotite	3.37	10.04	8.51	6.99	6.20	4.26	3.69	3.10
03EK-02	85.0	86.0	1.0	J591491	Peridotite	4.77	12.95	10.20	8.08	7.83	5.77	3.75	3.57
03EK-02	90.0	91.0	1.0	J591492	Peridotite	4.49	11.21	9.86	8.12	7.31	4.71	4.58	3.29
03EK-02	95.5	96.5	1.0	J591493	Peridotite	4.35	11.64	9.97	8.15	7.39	5.16	3.75	3.26
03EK-02	100.0	101.0	1.0	J591494	Peridotite	4.77	8.15	8.79	8.01	7.98	5.47	3.10	3.74
03EK-02	105.0	106.0	1.0	J591495	Peridotite	5.47	7.57	7.49	6.78	6.65	4.48	3.15	3.24
03EK-02	110.0	111.0	1.0	J591496	Peridotite	5.61	11.21	10.65	9.64	8.86	5.38	4.29	4.28
03EK-02	115.0	116.0	1.0	J591497	Peridotite	6.59	11.64	10.70	9.42	8.35	5.23	4.46	3.61
03EK-02	120.0	121.0	1.0	J591498	Peridotite	5.33	14.26	11.72	9.75	8.79	5.95	4.94	4.18
03EK-02	125.0	126.0	1.0	J591499	Peridotite	5.47	13.39	11.21	9.53	8.94	6.19	4.58	4.18
03EK-02	130.0	131.0	1.0	J591500	Peridotite	5.47	13.10	11.66	9.96	8.94	5.92	4.11	3.67
03EK-02	135.0	136.0	1.0	J591501	Peridotite	5.33	15.57	12.96	10.07	8.86	6.58	5.24	4.35
03EK-02	140.0	141.0	1.0	J591502	Peridotite	6.17	17.18	13.80	11.23	9.53	5.74	5.00	4.60
03EK-02	141.0	142.0	1.0	J591503	Peridotite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	6.03	15.14	13.58	11.20	9.75	6.87	4.82	4.55
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	148.0	149.0	1.0	J591510	Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	149.0	150.0	1.0	J591511	Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	6.45	14.12	12.90	10.58	9.82	6.64	4.82	4.33
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	6.45	18.05	15.21	12.43	10.41	7.34	6.25	4.78
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	6.87	15.57	14.20	12.14	10.93	7.91	4.76	5.23
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	6.31	18.34	15.66	12.72	11.37	7.75	6.13	5.55
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	3.37	10.48	9.63	8.22	7.53	5.81	3.87	3.81
03EK-02	187.0	188.5	1.5	J591517	Peridotite	3.79	12.37	9.75	7.86	6.43	4.82	3.63	3.29
03EK-02	197.5	199.0	1.5	J591518	Peridotite	3.65	10.63	9.58	8.48	7.53	4.39	4.23	3.49
03EK-02	220.0	221.0	1.0	J591519	Peridotite	3.65	11.35	10.14	8.62	7.68	5.74	4.58	4.13
03EK-02	225.0	226.0	1.0	J591520	Peridotite	3.93	12.08	10.93	9.57	8.27	5.92	4.82	4.14
03EK-02	230.0	231.0	1.0	J591521	Peridotite	4.35	12.37	11.04	9.17	8.49	5.83	4.46	3.76
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	4.07	12.37	10.93	9.46	8.05	5.45	4.70	3.69
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	4.49	13.10	11.83	9.93	9.01	6.58	5.12	4.71
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	5.19	13.68	12.51	10.76	9.75	6.53	5.42	4.87
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	5.19	15.14	13.75	12.14	10.41	7.91	5.65	4.82
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	5.05	14.85	13.30	11.38	10.34	7.75	5.42	5.54
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	5.75	16.59	14.82	13.12	10.93	8.02	6.19	5.69
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	6.73	19.94	17.46	14.82	13.44	10.25	8.15	6.63
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	7.71	20.23	17.97	15.25	13.52	9.48	8.51	6.63
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	7.29	22.71	20.23	16.49	14.84	10.14	8.21	7.11
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	7.29	20.82	18.25	15.00	13.15	8.96	7.50	6.85

BHID	From	To	Length	Sample	Rock Type	Nb PM 0.71 PM Norm calc	La PM 0.69 PM Norm calc	Ce PM 1.78 PM Norm calc	Pr PM 0.28 PM Norm calc	Nd PM 1.35 PM Norm calc	Sm PM 0.44 PM Norm calc	Eu PM 0.17 PM Norm calc	Gd PM 0.60 PM Norm calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	8.13	19.94	18.93	15.65	13.88	10.47	7.50	7.72
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	7.99	22.27	19.89	16.27	14.70	10.25	7.98	6.78
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	7.99	21.40	19.15	16.52	14.03	9.17	6.96	6.85
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro								
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	8.13	21.25	18.99	16.01	14.11	10.47	8.10	6.48
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro								
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro								
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation								
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation								
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation								
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation								
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation								
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation								
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation								
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation								
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation								
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation								
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation								

BHID	From	To	Length	Sample	Rock Type	Tb	Dy	Ho	Er	Tm	Yb	Lu	Gd/Yb	La/Sm
						PM	PM	PM	PM	PM	PM	PM		
						0.11	0.74	0.16	0.48	0.07	0.49	0.07		
						PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	Calc	Calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	2.78	2.40	2.01	1.85	1.49	1.36	1.49	3.02	2.26
03EK-02	20.0	21.0	1.0	J591478	Peridotite	2.59	1.86	1.59	1.31	1.08	1.16	0.81	2.84	1.72
03EK-02	25.0	26.0	1.0	J591479	Peridotite	2.41	2.42	1.83	1.44	1.49	1.36	1.35	2.58	2.30
03EK-02	30.0	31.0	1.0	J591480	Peridotite	2.41	2.29	1.52	1.25	1.22	1.36	1.22	2.69	2.40
03EK-02	35.0	36.0	1.0	J591481	Peridotite	2.41	2.14	1.65	1.73	1.35	1.32	1.22	2.65	2.19
03EK-02	40.0	41.0	1.0	J591482	Peridotite	2.50	2.21	1.59	1.56	1.08	1.18	1.08	2.71	2.15
03EK-02	45.0	46.0	1.0	J591483	Peridotite	2.78	2.42	1.95	1.85	1.35	1.56	1.08	2.37	1.94
03EK-02	50.0	51.0	1.0	J591484	Peridotite	2.59	2.20	1.59	1.60	1.22	1.20	0.95	2.94	2.23
03EK-02	55.0	56.0	1.0	J591485	Peridotite	2.59	2.02	1.65	1.31	1.08	1.10	0.95	3.16	2.33
03EK-02	60.0	61.0	1.0	J591486	Peridotite	2.41	1.94	1.46	1.29	1.22	1.20	1.22	2.75	1.19
03EK-02	65.0	66.0	1.0	J591487	Peridotite	2.96	2.27	2.01	1.71	1.35	1.30	1.35	2.62	1.12
03EK-02	70.0	71.0	1.0	J591488	Peridotite	2.04	2.02	1.59	1.40	1.22	1.20	1.08	2.73	1.20
03EK-02	74.5	75.5	1.0	J591489	Peridotite	2.41	2.02	1.59	1.15	1.35	1.30	1.08	2.35	1.36
03EK-02	80.0	81.0	1.0	J591490	Peridotite	2.04	1.79	1.34	1.35	1.35	1.03	0.81	3.00	2.36
03EK-02	85.0	86.0	1.0	J591491	Peridotite	2.87	2.27	1.77	1.60	1.62	1.18	1.08	3.04	2.25
03EK-02	90.0	91.0	1.0	J591492	Peridotite	2.22	2.06	1.46	1.48	1.22	1.26	1.22	2.61	2.38
03EK-02	95.5	96.5	1.0	J591493	Peridotite	2.59	1.85	1.52	1.23	1.49	1.12	1.22	2.92	2.26
03EK-02	100.0	101.0	1.0	J591494	Peridotite	2.78	2.29	1.89	1.60	1.76	1.20	1.35	3.13	1.49
03EK-02	105.0	106.0	1.0	J591495	Peridotite	2.41	2.04	1.34	1.48	1.22	1.36	1.22	2.38	1.69
03EK-02	110.0	111.0	1.0	J591496	Peridotite	3.06	2.59	1.89	1.71	1.49	1.28	1.35	3.35	2.08
03EK-02	115.0	116.0	1.0	J591497	Peridotite	2.31	2.47	1.77	1.65	1.35	1.28	1.35	2.82	2.23
03EK-02	120.0	121.0	1.0	J591498	Peridotite	2.96	2.36	1.71	1.69	1.35	1.34	1.49	3.12	2.40
03EK-02	125.0	126.0	1.0	J591499	Peridotite	3.06	2.63	1.89	1.81	1.62	1.42	1.08	2.94	2.16
03EK-02	130.0	131.0	1.0	J591500	Peridotite	3.24	2.56	1.83	1.94	1.35	1.48	1.35	2.48	2.21
03EK-02	135.0	136.0	1.0	J591501	Peridotite	3.80	2.73	2.01	2.04	1.76	1.44	1.35	3.02	2.37
03EK-02	140.0	141.0	1.0	J591502	Peridotite	3.43	2.48	1.89	1.98	1.49	1.22	1.35	3.78	2.99
03EK-02	141.0	142.0	1.0	J591503	Peridotite	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	3.61	2.71	2.01	2.04	1.62	1.64	1.62	2.77	2.20
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	148.0	149.0	1.0	J591510	Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	149.0	150.0	1.0	J591511	Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	3.15	2.61	2.07	2.06	1.62	1.68	1.76	2.57	2.13
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	4.17	2.88	2.50	2.46	1.76	1.68	1.49	2.84	2.46
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	3.52	3.04	2.44	2.29	1.76	1.78	1.89	2.93	1.97
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	4.17	3.18	2.50	2.54	2.03	1.97	1.62	2.82	2.37
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	2.96	2.36	2.01	1.77	1.35	1.46	1.08	2.61	1.80
03EK-02	187.0	188.5	1.5	J591517	Peridotite	2.50	1.90	1.52	1.50	1.35	1.28	1.08	2.57	2.57
03EK-02	197.5	199.0	1.5	J591518	Peridotite	2.87	1.94	1.59	1.40	1.35	1.30	1.22	2.69	2.42
03EK-02	220.0	221.0	1.0	J591519	Peridotite	3.43	2.43	1.77	2.00	1.76	1.38	1.35	2.99	1.98
03EK-02	225.0	226.0	1.0	J591520	Peridotite	3.61	2.46	2.01	2.17	1.22	1.48	1.22	2.80	2.04
03EK-02	230.0	231.0	1.0	J591521	Peridotite	3.52	2.65	2.13	2.17	1.49	1.54	1.22	2.44	2.12
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	3.15	2.42	2.01	1.88	1.49	1.44	1.35	2.56	2.27
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	3.80	2.92	2.32	2.04	1.35	1.56	1.62	3.02	1.99
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	3.89	3.09	2.13	2.02	1.62	1.56	1.49	3.12	2.09
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	3.98	3.18	2.20	2.48	2.03	1.58	1.76	3.04	1.91
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	4.35	3.08	2.50	2.56	2.03	1.78	1.76	3.10	1.92
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	4.63	3.16	2.56	2.79	2.03	2.03	1.76	2.80	2.07
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	5.28	4.06	3.17	3.44	2.16	2.56	2.03	2.59	1.95
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	5.37	4.04	3.41	3.48	3.11	2.52	2.30	2.63	2.13
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	6.11	4.57	3.54	3.23	2.97	2.72	2.16	2.62	2.24
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	5.56	4.18	3.17	3.25	2.30	2.72	2.03	2.52	2.32

BHID	From	To	Length	Sample	Rock Type	Tb PM 0.11 PM Norm calc	Dy PM 0.74 PM Norm calc	Ho PM 0.16 PM Norm calc	Er PM 0.48 PM Norm calc	Tm PM 0.07 PM Norm calc	Yb PM 0.49 PM Norm calc	Lu PM 0.07 PM Norm calc	Gd/Yb Calc	La/Sm Calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	5.65	4.53	3.23	3.17	3.11	2.66	2.30	2.90	1.90
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	5.74	4.59	3.41	3.60	2.43	2.70	2.03	2.51	2.17
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	5.19	4.08	3.11	3.08	2.70	2.49	2.57	2.74	2.33
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro									
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	5.37	4.21	3.17	3.10	2.70	2.39	2.57	2.71	2.03
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro									
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro									
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation									
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation									
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation									
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation									
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation									
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation									
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation									
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation									
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation									
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation									
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation									

BHID	From	To	Length	Sample	Rock Type	Th/Yb	Th	Nb	La	Ce	Pr	Nd	Sm	Eu
							CH	CH	CH	CH	CH	CH	CH	CH
							0.03	0.25	0.24	0.61	0.10	0.47	0.15	0.06
						Calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	4.59	18.28	10.57	37.55	31.05	25.68	23.77	16.67	11.55
03EK-02	20.0	21.0	1.0	J591478	Peridotite	3.76	12.76	10.16	23.63	22.88	19.16	19.06	13.73	10.86
03EK-02	25.0	26.0	1.0	J591479	Peridotite	7.01	27.93	15.85	36.71	30.88	24.63	22.70	15.95	14.48
03EK-02	30.0	31.0	1.0	J591480	Peridotite	6.23	24.83	13.82	33.76	29.25	25.05	21.20	14.05	10.69
03EK-02	35.0	36.0	1.0	J591481	Peridotite	6.42	24.83	13.01	32.49	28.43	23.68	21.20	14.84	11.38
03EK-02	40.0	41.0	1.0	J591482	Peridotite	4.50	15.52	10.57	28.27	24.84	21.58	19.27	13.14	10.17
03EK-02	45.0	46.0	1.0	J591483	Peridotite	4.22	19.31	13.41	25.74	24.35	21.16	21.20	13.27	9.83
03EK-02	50.0	51.0	1.0	J591484	Peridotite	5.11	17.93	11.38	29.54	26.14	23.37	21.20	13.27	10.17
03EK-02	55.0	56.0	1.0	J591485	Peridotite	6.77	21.72	11.79	27.43	25.00	21.26	19.49	11.76	8.28
03EK-02	60.0	61.0	1.0	J591486	Peridotite	5.31	18.62	10.98	17.30	19.93	18.11	19.06	14.51	7.59
03EK-02	65.0	66.0	1.0	J591487	Peridotite	7.43	28.28	14.23	16.88	18.95	19.58	20.56	15.10	7.76
03EK-02	70.0	71.0	1.0	J591488	Peridotite	5.31	18.62	11.38	18.14	19.61	18.21	19.06	15.16	7.41
03EK-02	74.5	75.5	1.0	J591489	Peridotite	5.53	21.03	13.41	17.72	20.26	20.11	19.06	13.07	8.62
03EK-02	80.0	81.0	1.0	J591490	Peridotite	4.89	14.83	9.76	29.11	24.67	20.32	17.99	12.35	10.69
03EK-02	85.0	86.0	1.0	J591491	Peridotite	5.90	20.34	13.82	37.55	29.58	23.47	22.70	16.73	10.86
03EK-02	90.0	91.0	1.0	J591492	Peridotite	5.15	18.97	13.01	32.49	28.59	23.58	21.20	13.66	13.28
03EK-02	95.5	96.5	1.0	J591493	Peridotite	5.69	18.62	12.60	33.76	28.92	23.68	21.41	14.97	10.86
03EK-02	100.0	101.0	1.0	J591494	Peridotite	5.80	20.34	13.82	23.63	25.49	23.26	23.13	15.88	8.97
03EK-02	105.0	106.0	1.0	J591495	Peridotite	4.76	18.97	15.85	21.94	21.73	19.68	19.27	13.01	9.14
03EK-02	110.0	111.0	1.0	J591496	Peridotite	6.81	25.52	16.26	32.49	30.88	28.00	25.70	15.62	12.41
03EK-02	115.0	116.0	1.0	J591497	Peridotite	7.27	27.24	19.11	33.76	31.05	27.37	24.20	15.16	12.93
03EK-02	120.0	121.0	1.0	J591498	Peridotite	6.15	24.14	15.45	41.35	33.99	28.32	25.48	17.25	14.31
03EK-02	125.0	126.0	1.0	J591499	Peridotite	5.47	22.76	15.85	38.82	32.52	27.68	25.91	17.97	13.28
03EK-02	130.0	131.0	1.0	J591500	Peridotite	5.72	24.83	15.85	37.97	33.82	28.95	25.91	17.19	11.90
03EK-02	135.0	136.0	1.0	J591501	Peridotite	6.62	27.93	15.45	45.15	37.58	29.26	25.70	19.08	15.17
03EK-02	140.0	141.0	1.0	J591502	Peridotite	7.93	28.28	17.89	49.79	40.03	32.63	27.62	16.67	14.48
03EK-02	141.0	142.0	1.0	J591503	Peridotite									
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro									
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro									
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro									
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	6.52	31.38	17.48	43.88	39.38	32.53	28.27	19.93	13.97
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	148.0	149.0	1.0	J591510	Melagabbro		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	149.0	150.0	1.0	J591511	Melagabbro		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	6.71	33.10	18.70	40.93	37.42	30.74	28.48	19.28	13.97
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	6.50	32.07	18.70	52.32	44.12	36.11	30.19	21.31	18.10
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	6.33	33.10	19.92	45.15	41.18	35.26	31.69	22.94	13.79
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	4.78	27.59	18.29	53.16	45.42	36.95	32.98	22.48	17.76
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	5.24	22.41	9.76	30.38	27.94	23.89	21.84	16.86	11.21
03EK-02	187.0	188.5	1.5	J591517	Peridotite	5.89	22.07	10.98	35.86	28.27	22.84	18.63	13.99	10.52
03EK-02	197.5	199.0	1.5	J591518	Peridotite	5.17	19.66	10.57	30.80	27.78	24.63	21.84	12.75	12.24
03EK-02	220.0	221.0	1.0	J591519	Peridotite	5.63	22.76	10.57	32.91	29.41	25.05	22.27	16.67	13.28
03EK-02	225.0	226.0	1.0	J591520	Peridotite	5.80	25.17	11.38	35.02	31.70	27.79	23.98	17.19	13.97
03EK-02	230.0	231.0	1.0	J591521	Peridotite	5.34	24.14	12.60	35.86	32.03	26.63	24.63	16.93	12.93
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	5.72	24.14	11.79	35.86	31.70	27.47	23.34	15.82	13.62
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	5.50	25.17	13.01	37.97	34.31	28.84	26.12	19.08	14.83
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	5.80	26.55	15.04	39.66	36.27	31.26	28.27	18.95	15.69
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	6.69	31.03	15.04	43.88	39.87	35.26	30.19	22.94	16.38
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	5.87	30.69	14.63	43.04	38.56	33.05	29.98	22.48	15.69
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	6.15	36.55	16.67	48.10	42.97	38.11	31.69	23.27	17.93
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	5.25	39.31	19.51	57.81	50.65	43.05	38.97	29.74	23.62
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	5.89	43.45	22.36	58.65	52.12	44.32	39.19	27.52	24.66
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	6.10	48.62	21.14	65.82	58.66	47.89	43.04	29.41	23.79
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	5.45	43.45	21.14	60.34	52.94	43.58	38.12	26.01	21.72

BHID	From	To	Length	Sample	Rock Type	Th/Yb	Th	Nb	La	Ce	Pr	Nd	Sm	Eu
							CH	CH	CH	CH	CH	CH	CH	CH
							0.03	0.25	0.24	0.61	0.10	0.47	0.15	0.06
						Calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	6.29	48.97	23.58	57.81	54.90	45.47	40.26	30.39	21.72
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	5.97	47.24	23.17	64.56	57.68	47.26	42.61	29.74	23.10
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	6.41	46.90	23.17	62.03	55.56	48.00	40.69	26.60	20.17
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro									
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	6.54	45.86	23.58	61.60	55.07	46.53	40.90	30.39	23.45
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro									
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro									
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation									
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation									
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation									
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation									
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation									
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation									
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation									
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation									
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation									
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation									
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation									

BHID	From	To	Length	Sample	Rock Type	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Gd/Yb
						CH	CH	CH	CH	CH	CH	CH	CH	
						0.21	0.04	0.25	0.06	0.17	0.03	0.17	0.03	
						CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	Calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	11.92	8.02	6.97	5.83	5.38	4.31	3.94	4.33	3.03
03EK-02	20.0	21.0	1.0	J591478	Peridotite	9.54	7.49	5.39	4.59	3.81	3.14		2.36	
03EK-02	25.0	26.0	1.0	J591479	Peridotite	10.17	6.95	7.01	5.30	4.17	4.31	0.17	3.94	59.83
03EK-02	30.0	31.0	1.0	J591480	Peridotite	10.61	6.95	6.65	4.42	3.63	3.53		3.54	
03EK-02	35.0	36.0	1.0	J591481	Peridotite	10.12	6.95	6.22	4.77	5.02	3.92	3.82	3.54	2.65
03EK-02	40.0	41.0	1.0	J591482	Peridotite	9.25	7.22	6.42	4.59	4.53	3.14		3.15	
03EK-02	45.0	46.0	1.0	J591483	Peridotite	10.75	8.02	7.01	5.65	5.38	3.92	0.20	3.15	53.40
03EK-02	50.0	51.0	1.0	J591484	Peridotite	10.22	7.49	6.38	4.59	4.65	3.53		2.76	
03EK-02	55.0	56.0	1.0	J591485	Peridotite	10.02	7.49	5.87	4.77	3.81	3.14	2.68	2.76	3.74
03EK-02	60.0	61.0	1.0	J591486	Peridotite	9.54	6.95	5.63	4.24	3.75	3.53		3.54	
03EK-02	65.0	66.0	1.0	J591487	Peridotite	9.88	8.56	6.57	5.83	4.95	3.92	0.24	3.94	41.39
03EK-02	70.0	71.0	1.0	J591488	Peridotite	9.49	5.88	5.87	4.59	4.05	3.53		3.15	
03EK-02	74.5	75.5	1.0	J591489	Peridotite	8.86	6.95	5.87	4.59	3.32	3.92	2.68	3.15	3.30
03EK-02	80.0	81.0	1.0	J591490	Peridotite	9.00	5.88	5.20	3.89	3.93	3.92		2.36	
03EK-02	85.0	86.0	1.0	J591491	Peridotite	10.36	8.29	6.57	5.12	4.65	4.71	0.22	3.15	47.92
03EK-02	90.0	91.0	1.0	J591492	Peridotite	9.54	6.42	5.98	4.24	4.29	3.53		3.54	
03EK-02	95.5	96.5	1.0	J591493	Peridotite	9.44	7.49	5.35	4.42	3.56	4.31	2.54	3.54	3.71
03EK-02	100.0	101.0	1.0	J591494	Peridotite	10.85	8.02	6.65	5.48	4.65	5.10		3.94	
03EK-02	105.0	106.0	1.0	J591495	Peridotite	9.39	6.95	5.91	3.89	4.29	3.53	0.26	3.54	35.64
03EK-02	110.0	111.0	1.0	J591496	Peridotite	12.41	8.82	7.52	5.48	4.95	4.31		3.94	
03EK-02	115.0	116.0	1.0	J591497	Peridotite	10.46	6.68	7.17	5.12	4.77	3.92	2.39	3.94	4.38
03EK-02	120.0	121.0	1.0	J591498	Peridotite	12.12	8.56	6.85	4.95	4.89	3.92		4.33	
03EK-02	125.0	126.0	1.0	J591499	Peridotite	12.12	8.82	7.64	5.48	5.26	4.71	0.29	3.15	41.39
03EK-02	130.0	131.0	1.0	J591500	Peridotite	10.66	9.36	7.44	5.30	5.62	3.92		3.94	
03EK-02	135.0	136.0	1.0	J591501	Peridotite	12.60	10.96	7.91	5.83	5.92	5.10	2.43	3.94	5.20
03EK-02	140.0	141.0	1.0	J591502	Peridotite	13.33	9.89	7.20	5.48	5.74	4.31		3.94	
03EK-02	141.0	142.0	1.0	J591503	Peridotite									
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro									
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro									
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro									
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	13.19	10.43	7.87	5.83	5.92	4.71		4.72	
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
03EK-02	148.0	149.0	1.0	J591510	Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
03EK-02	149.0	150.0	1.0	J591511	Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	12.55	9.09	7.56	6.01	5.98	4.71		5.12	
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	13.87	12.03	8.35	7.24	7.13	5.10		4.33	
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	15.18	10.16	8.82	7.07	6.65	5.10		5.51	
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	16.11	12.03	9.21	7.24	7.37	5.88		4.72	
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	11.05	8.56	6.85	5.83	5.14	3.92		3.15	
03EK-02	187.0	188.5	1.5	J591517	Peridotite	9.54	7.22	5.51	4.42	4.35	3.92		3.15	
03EK-02	197.5	199.0	1.5	J591518	Peridotite	10.12	8.29	5.63	4.59	4.05	3.92		3.54	
03EK-02	220.0	221.0	1.0	J591519	Peridotite	11.97	9.89	7.05	5.12	5.80	5.10		3.94	
03EK-02	225.0	226.0	1.0	J591520	Peridotite	12.02	10.43	7.13	5.83	6.28	3.53		3.54	
03EK-02	230.0	231.0	1.0	J591521	Peridotite	10.90	10.16	7.68	6.18	6.28	4.31		3.54	
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	10.71	9.09	7.01	5.83	5.44	4.31		3.94	
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	13.67	10.96	8.46	6.71	5.92	3.92		4.72	
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	14.11	11.23	8.98	6.18	5.86	4.71		4.33	
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	13.97	11.50	9.21	6.36	7.19	5.88		5.12	
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	16.06	12.57	8.94	7.24	7.43	5.88		5.12	
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	16.50	13.37	9.17	7.42	8.10	5.88		5.12	
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	19.22	15.24	11.77	9.19	9.97	6.27		5.91	
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	19.22	15.51	11.73	9.89	10.09	9.02		6.69	
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	20.63	17.65	13.27	10.25	9.37	8.63		6.30	
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	19.85	16.04	12.13	9.19	9.43	6.67		5.91	

BHID	From	To	Length	Sample	Rock Type	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Gd/Yb
						CH	CH	CH	CH	CH	CH	CH	CH	
						0.21	0.04	0.25	0.06	0.17	0.03	0.17	0.03	
						CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	Calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	22.38	16.31	13.15	9.36	9.18	9.02		6.69	
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	19.66	16.58	13.31	9.89	10.45	7.06		5.91	
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	19.85	14.97	11.85	9.01	8.94	7.84		7.48	
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro									
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	18.78	15.51	12.20	9.19	9.00	7.84		7.48	
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro									
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro									
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation									
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation									
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation									
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation									
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation									
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation									
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation									
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation									
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation									
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation									
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation									

BHID	From	To	Length	Sample	Rock Type	La/Sm	Pt+Pd ppm	Al2O3/CaO	Ce/Yb PM	Expected Ni	Ni/Ni*	Cu/Zr	Cu/Pd	Al2O3/TiO2	SiO2/TiO2	Th/Nb PM	Zr/Y
						Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	2.25	0.02	0.55	7.88	1565.98	0.64	1.29	9.00	5.06	64.85	1.71	5.32
03EK-02	20.0	21.0	1.0	J591478	Peridotite	1.72	0.02	0.82	6.82	1790.48	0.63	1.27	7.83	5.52	63.28	1.24	5.78
03EK-02	25.0	26.0	1.0	J591479	Peridotite	2.30	0.01	1.00	7.83	1776.56	0.66	1.56	18.40	4.47	52.89	1.74	8.08
03EK-02	30.0	31.0	1.0	J591480	Peridotite	2.40	0.01	0.98	7.42	1815.58	0.64	0.58	5.67	5.13	59.86	1.78	8.31
03EK-02	35.0	36.0	1.0	J591481	Peridotite	2.19	0.02	0.81	7.44	1724.93	0.66	1.59	10.83	5.25	64.53	1.89	6.12
03EK-02	40.0	41.0	1.0	J591482	Peridotite	2.15	0.02	0.65	7.28	1614.17	0.69	0.86	6.17	5.27	64.39	1.45	6.42
03EK-02	45.0	46.0	1.0	J591483	Peridotite	1.94	0.01	0.55	5.37	1590.91	0.65	0.51	8.00	4.91	63.38	1.42	6.10
03EK-02	50.0	51.0	1.0	J591484	Peridotite	2.23	0.01	0.62	7.53	1627.77	0.69	1.02	11.25	4.99	64.03	1.56	6.11
03EK-02	55.0	56.0	1.0	J591485	Peridotite	2.33	0.01	0.61	7.87	1599.49	0.73	0.54	5.50	5.05	67.03	1.82	6.21
03EK-02	60.0	61.0	1.0	J591486	Peridotite	1.19	0.01	0.60	5.74	1716.54	0.68	0.38	4.00	5.32	70.33	1.68	6.46
03EK-02	65.0	66.0	1.0	J591487	Peridotite	1.12	0.01	0.49	5.03	1696.10	0.65	0.73	19.00	4.31	61.32	1.97	6.75
03EK-02	70.0	71.0	1.0	J591488	Peridotite	1.20	0.01	0.84	5.65	1785.68	0.67	0.48	3.80	5.00	64.06	1.62	6.25
03EK-02	74.5	75.5	1.0	J591489	Peridotite	1.36	0.02	0.71	5.38	1725.10	0.67	0.49	4.00	4.50	60.29	1.55	7.31
03EK-02	80.0	81.0	1.0	J591490	Peridotite	2.36	0.02	0.85	8.22	1784.86	0.71	1.94	7.56	5.76	65.08	1.50	5.93
03EK-02	85.0	86.0	1.0	J591491	Peridotite	2.24	0.01	0.88	8.67	1787.86	0.73	1.61	14.50	4.68	57.50	1.46	7.50
03EK-02	90.0	91.0	1.0	J591492	Peridotite	2.38	0.03	1.04	7.84	1746.68	0.74	1.74	4.44	5.18	55.54	1.44	6.76
03EK-02	95.5	96.5	1.0	J591493	Peridotite	2.26	0.02	1.11	8.94	1799.27	0.73	0.84	5.14	5.44	58.71	1.46	6.62
03EK-02	100.0	101.0	1.0	J591494	Peridotite	1.49	0.01	0.84	7.34	1739.85	0.74	0.47	4.60	4.87	54.93	1.46	6.36
03EK-02	105.0	106.0	1.0	J591495	Peridotite	1.69	0.02	0.94	5.51	1826.39	0.68	0.37	1.89	5.14	55.27	1.18	7.19
03EK-02	110.0	111.0	1.0	J591496	Peridotite	2.08	0.02	0.94	8.33	1705.54	0.78	0.33	3.17	4.85	54.10	1.55	7.34
03EK-02	115.0	116.0	1.0	J591497	Peridotite	2.23	0.01	1.00	8.38	1722.32	0.77	0.53	8.00	5.00	54.16	1.41	9.38
03EK-02	120.0	121.0	1.0	J591498	Peridotite	2.40	0.01	0.87	8.75	1623.44	0.79	1.59	16.20	5.19	57.16	1.55	6.54
03EK-02	125.0	126.0	1.0	J591499	Peridotite	2.16	0.02	0.74	7.90	1550.77	0.82	1.20	7.33	5.03	55.97	1.42	6.79
03EK-02	130.0	131.0	1.0	J591500	Peridotite	2.21	0.02	1.00	7.88	1593.88	0.85	1.02	5.80	5.14	52.10	1.55	7.22
03EK-02	135.0	136.0	1.0	J591501	Peridotite	2.37	0.04	0.78	9.00	1531.35	0.80	1.27	3.75	5.19	52.72	1.79	6.86
03EK-02	140.0	141.0	1.0	J591502	Peridotite	2.99	0.04	1.06	11.34	1615.22	0.82	1.39	5.06	5.03	47.73	1.56	7.47
03EK-02	141.0	142.0	1.0	J591503	Peridotite		0.03						2.86				
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro		0.04						4.38				
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro		0.03						6.92				
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro		0.03						3.17				
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	2.20	0.03	0.94	8.26	1490.19	0.87	0.87	4.07	5.39	49.76	1.78	7.22
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro		0.03						4.41				
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro		0.04						2.15				
03EK-02	148.0	149.0	1.0	J591510	Melagabbro		0.03						2.50				
03EK-02	149.0	150.0	1.0	J591511	Melagabbro		0.03						5.69				
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	2.12	0.03	0.99	7.66	1549.90	0.79	0.61	2.53	4.83	45.98	1.75	7.61
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	2.46	0.03	0.99	9.04	1446.92	0.82	1.24	7.42	5.05	45.16	1.70	7.20
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	1.97	0.02	1.09	7.95	1358.92	0.89	0.67	4.25	5.22	43.20	1.64	7.31
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	2.36	0.02	0.85	7.96	1207.38	0.88	1.46	9.80	5.40	46.46	1.49	6.09
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	1.80	0.07	0.47	6.60	1429.67	0.76	5.37	6.34	5.17	57.36	2.27	6.34
03EK-02	187.0	188.5	1.5	J591517	Peridotite	2.56	0.25	1.19	7.63	1950.25	0.88	11.26	4.06	5.28	59.42	1.99	8.03
03EK-02	197.5	199.0	1.5	J591518	Peridotite	2.42	0.27	1.14	7.38	1979.93	0.96	10.55	3.37	5.43	61.32	1.84	7.46
03EK-02	220.0	221.0	1.0	J591519	Peridotite	1.97	0.03	0.63	7.35	1400.69	0.66	2.28	7.24	5.51	60.97	2.13	6.59
03EK-02	225.0	226.0	1.0	J591520	Peridotite	2.04	0.01	0.64	7.38	1289.98	0.66	1.40	13.33	5.40	57.05	2.19	6.40
03EK-02	230.0	231.0	1.0	J591521	Peridotite	2.12	0.02	0.63	7.16	1249.66	0.68	1.44	10.25	5.35	55.57	1.89	6.48
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	2.27	0.08	0.85	7.59	1494.05	0.68	5.02	6.73	5.50	57.84	2.02	7.28
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	1.99	0.00	0.58	7.57	1135.03	0.65	0.66	40.00	5.28	54.58	1.91	6.35
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	2.09	0.02	0.60	8.01	1114.07	0.67	1.02	9.29	5.28	52.91	1.75	6.53
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	1.91	0.02	0.66	8.69	992.33	0.69	0.86	7.75	5.16	45.90	2.04	6.79
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	1.91	0.02	0.67	7.45	1017.91	0.72	0.99	11.33	5.38	49.14	2.07	6.51
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	2.07	0.03	0.75	7.30	905.39	0.74	1.15	7.50	5.77	45.94	2.17	6.67
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	1.94	0.01	0.78	6.83	562.12	0.81	0.92	28.33	5.69	37.87	1.99	6.43
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	2.13	0.02	0.77	7.15	577.77	0.83	0.78	15.20	5.45	37.50	1.92	6.74
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	2.24	0.13	0.76	7.44	598.86	1.19	4.66	5.87	5.45	38.10	2.27	6.38
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	2.32	0.02	0.83	6.72	689.45	0.77	0.83	16.40	5.29	38.02	2.03	7.12

BHID	From	To	Length	Sample	Rock Type	La/Sm	Pt+Pd ppm	Al2O3/CaO	Ce/Yb PM	Expected Ni	Ni/Ni*	Cu/Zr	Cu/Pd	Al2O3/TiO2	SiO2/TiO2	Th/Nb PM	Zr/Y
						Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	1.90	0.02	0.81	7.12	651.17	0.81	0.81	12.43	5.29	36.98	2.05	7.20
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	2.17	0.01	0.87	7.37	616.34	0.80	0.75	20.25	5.67	37.34	2.02	7.30
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	2.33	0.02	0.98	7.68	757.10	0.86	0.96	11.33	5.61	37.98	2.00	7.41
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro		0.02						15.71				
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	2.03	0.02	1.03	7.93	412.95	0.98	1.17	15.50	7.16	36.12	1.92	7.21
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro								16.40				
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro								15.29				
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation												
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation												
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation												
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation												
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation												
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation												
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation												
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation												
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation												
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation												
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation												

BHID	From	To	Length	Sample	Rock Type	La/Yb	3E PGE	Pt:Pd	PGM Tenor	Zr/Ti
						Calc	Calc	Calc	Calc	Calc
03EK-02	15.0	16.0	1.0	J591477	Peridotite	9.53		1.83		62.72
03EK-02	20.0	21.0	1.0	J591478	Peridotite	7.05	0.02	1.50	16.20	55.30
03EK-02	25.0	26.0	1.0	J591479	Peridotite	9.32		1.60		74.81
03EK-02	30.0	31.0	1.0	J591480	Peridotite	8.57		1.33		82.90
03EK-02	35.0	36.0	1.0	J591481	Peridotite	8.50	0.02	1.50	9.60	62.68
03EK-02	40.0	41.0	1.0	J591482	Peridotite	8.29	0.02	1.50	11.52	63.90
03EK-02	45.0	46.0	1.0	J591483	Peridotite	5.68		2.33		67.57
03EK-02	50.0	51.0	1.0	J591484	Peridotite	8.51		1.50		65.06
03EK-02	55.0	56.0	1.0	J591485	Peridotite	8.64		1.50		63.13
03EK-02	60.0	61.0	1.0	J591486	Peridotite	4.99		1.75		68.67
03EK-02	65.0	66.0	1.0	J591487	Peridotite	4.49		3.00		73.64
03EK-02	70.0	71.0	1.0	J591488	Peridotite	5.23		1.40		60.49
03EK-02	74.5	75.5	1.0	J591489	Peridotite	4.71		1.67		69.03
03EK-02	80.0	81.0	1.0	J591490	Peridotite	9.71		1.33		53.78
03EK-02	85.0	86.0	1.0	J591491	Peridotite	11.01	0.02	1.33	9.00	73.30
03EK-02	90.0	91.0	1.0	J591492	Peridotite	8.91	0.03	0.78	19.80	60.64
03EK-02	95.5	96.5	1.0	J591493	Peridotite	10.44		1.57		60.04
03EK-02	100.0	101.0	1.0	J591494	Peridotite	6.81		1.80		63.64
03EK-02	105.0	106.0	1.0	J591495	Peridotite	5.57		1.33		59.88
03EK-02	110.0	111.0	1.0	J591496	Peridotite	8.77		1.50		73.44
03EK-02	115.0	116.0	1.0	J591497	Peridotite	9.11		1.80		95.71
03EK-02	120.0	121.0	1.0	J591498	Peridotite	10.66	0.01	1.60	7.20	68.37
03EK-02	125.0	126.0	1.0	J591499	Peridotite	9.43		1.00		70.75
03EK-02	130.0	131.0	1.0	J591500	Peridotite	8.85	0.02	1.30	8.64	69.73
03EK-02	135.0	136.0	1.0	J591501	Peridotite	10.81	0.04	0.90	15.60	71.57
03EK-02	140.0	141.0	1.0	J591502	Peridotite	14.11	0.04	1.24	15.60	69.08
03EK-02	141.0	142.0	1.0	J591503	Peridotite			1.36		
03EK-02	142.0	143.0	1.0	J591504	Olivine melagabbro		0.04	1.19	14.40	
03EK-02	143.0	144.0	1.0	J591505	Olivine melagabbro		0.03	1.33	10.44	
03EK-02	144.0	145.0	1.0	J591506	Olivine melagabbro			1.17		
03EK-02	145.0	146.0	1.0	J591507	Olivine melagabbro	9.21	0.03	1.00	9.30	80.28
03EK-02	146.0	147.0	1.0	J591508	Olivine melagabbro		0.04	1.00	14.40	
03EK-02	147.0	148.0	1.0	J591509	Olivine melagabbro			0.90		
03EK-02	148.0	149.0	1.0	J591510	Melagabbro			1.07		
03EK-02	149.0	150.0	1.0	J591511	Melagabbro		0.03	1.00	13.20	
03EK-02	150.0	151.0	1.0	J591512	Melagabbro	8.39		0.88		74.29
03EK-02	155.0	156.0	1.0	J591513	Melagabbro	10.72	0.03	1.25	10.08	74.42
03EK-02	160.0	161.0	1.0	J591514	Melagabbro	8.73	0.03	1.00	9.00	75.03
03EK-02	165.0	166.0	1.0	J591515	Melagabbro	9.32	0.02	1.00	8.40	69.23
03EK-02	174.0	175.5	1.5	J591516	Melagabbro	7.18	0.08	0.61	12.27	70.27
03EK-02	187.0	188.5	1.5	J591517	Peridotite	9.68	0.27	0.69	59.63	75.21
03EK-02	197.5	199.0	1.5	J591518	Peridotite	8.19	0.28	0.61	38.91	76.71
03EK-02	220.0	221.0	1.0	J591519	Peridotite	8.23	0.03	0.76	7.20	74.32
03EK-02	225.0	226.0	1.0	J591520	Peridotite	8.16	0.01	1.17	4.20	72.95
03EK-02	230.0	231.0	1.0	J591521	Peridotite	8.03	0.02	1.63	7.92	71.48
03EK-02	235.0	236.0	1.0	J591522	Pyroxenite	8.59	0.09	0.84	11.87	78.76
03EK-02	240.0	241.0	1.0	J591523	Pyroxenite	8.39				73.40
03EK-02	245.0	246.0	1.0	J591524	Pyroxenite	8.76	0.02	1.29	8.10	74.41
03EK-02	250.0	251.0	1.0	J591525	Pyroxenite	9.57	0.02	1.38	6.00	71.85
03EK-02	255.0	256.0	1.0	J591526	Melagabbro	8.32	0.02	1.50	7.20	74.07
03EK-02	260.0	261.0	1.0	J591527	Melagabbro	8.18	0.03	1.08	10.80	76.77
03EK-02	265.0	266.0	1.0	J591528	Melagabbro	7.80	0.01	3.00	4.25	71.84
03EK-02	269.0	270.0	1.0	J591529	Melagabbro	8.04	0.02	2.60	6.30	75.23
03EK-02	275.0	276.0	1.0	J591530	Olivine gabbro	8.35	0.14	0.73	19.07	76.38
03EK-02	280.0	281.0	1.0	J591531	Olivine gabbro	7.66	0.02	2.00	3.20	77.86

BHID	From	To	Length	Sample	Rock Type	La/Yb	3E PGE	Pt:Pd	PGM Tenor	Zr/Ti
						Calc	Calc	Calc	Calc	Calc
03EK-02	285.0	286.0	1.0	J591532	Olivine gabbro	7.50	0.02	1.43	4.32	82.85
03EK-02	290.0	291.0	1.0	J591533	Olivine gabbro	8.26	0.02	2.50	6.75	83.95
03EK-02	295.0	296.0	1.0	J591534	Olivine gabbro	8.58	0.02	1.22	4.73	84.95
03EK-02	298.5	300.0	1.5	J591535	Olivine gabbro		0.02	1.71	4.73	
03EK-02	300.0	301.5	1.5	J591536	Olivine gabbro	8.88	0.02	1.13	5.70	78.45
03EK-02	301.5	303.0	1.5	J591537	Olivine gabbro			1.60		
03EK-02	303.0	304.0	1.0	J591538	Olivine gabbro		0.02	1.43	8.10	
03EK-02	311.3	312.0	0.7	J591539	Sulphide facies iron formation		0.00		0.06	
03EK-02	312.0	313.5	1.5	J591540	Sulphide facies iron formation		0.00		0.06	
03EK-02	313.5	315.0	1.5	J591541	Sulphide facies iron formation		0.01		0.12	
03EK-02	315.0	316.5	1.5	J591542	Sulphide facies iron formation		0.01		0.20	
03EK-02	316.5	318.0	1.5	J591543	Sulphide facies iron formation		0.02		0.23	
03EK-02	318.0	319.5	1.5	J591544	Sulphide facies iron formation		0.03		0.47	
03EK-02	319.5	321.0	1.5	J591545	Sulphide facies iron formation		0.03		0.27	
03EK-02	321.0	322.5	1.5	J591546	Sulphide facies iron formation		0.02		0.34	
03EK-02	322.5	324.0	1.5	J591547	Sulphide facies iron formation		0.00		0.22	
03EK-02	324.0	325.5	1.5	J591548	Sulphide facies iron formation		0.01		0.27	
03EK-02	325.5	327.0	1.5	J591549	Sulphide facies iron formation		0.01		0.15	

BHID	From	To	Length	Sample	Rock Type	SiO2 Wt.% 0.01 ME-ICP06	Al2O3 Wt.% 0.01 ME-ICP06	Fe2O3 Wt.% 0.01 ME-ICP06	Cao Wt.% 0.01 ME-ICP06	MgO Wt.% 0.01 ME-ICP06	Na2O Wt.% 0.01 ME-ICP06	K2O Wt.% 0.01 ME-ICP06	Cr2O3 Wt.% 0.01 ME-ICP06	TiO2 Wt.% 0.01 ME-ICP06	MnO Wt.% 0.01 ME-ICP06	P2O5 Wt.% 0.01 ME-ICP06
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	37.60	2.92	14.60	3.93	27.40	0.19	0.25	0.43	0.55	0.20	0.06
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	36.70	2.76	14.70	2.37	29.90	0.13	0.31	0.43	0.58	0.20	0.07
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	38.90	2.84	14.85	4.05	30.20	0.24	0.62	0.46	0.60	0.19	0.07
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	40.20	3.03	15.70	3.90	30.60	0.36	0.37	0.47	0.62	0.21	0.07
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	40.10	3.20	16.15	3.46	31.20	0.40	0.43	0.51	0.64	0.21	0.07
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	40.20	3.25	16.05	3.30	31.60	0.41	0.42	0.51	0.67	0.22	0.06
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	40.90	3.45	17.05	2.97	32.30	0.40	0.44	0.55	0.69	0.23	0.08
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	41.60	3.33	17.40	2.87	31.60	0.38	0.35	0.54	0.65	0.22	0.08
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	40.40	3.39	17.20	3.10	31.10	0.40	0.41	0.51	0.68	0.22	0.09
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	40.60	3.42	17.50	3.18	31.10	0.41	0.41	0.50	0.67	0.22	0.09
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	41.00	3.46	16.90	3.59	30.60	0.39	0.41	0.50	0.69	0.21	0.09
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	41.80	3.70	16.35	4.77	28.90	0.49	0.37	0.47	0.73	0.21	0.09
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	41.50	3.83	16.95	3.63	30.30	0.48	0.40	0.51	0.72	0.22	0.10
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	41.80	3.95	17.05	3.70	30.00	0.52	0.40	0.53	0.75	0.22	0.10
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	42.00	4.05	17.00	3.65	29.80	0.51	0.45	0.51	0.80	0.22	0.09
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	41.90	4.12	16.70	4.30	28.40	0.58	0.44	0.49	0.79	0.21	0.10
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	41.50	4.24	16.00	5.01	25.70	0.53	0.47	0.46	0.82	0.20	0.10
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	42.70	4.51	15.40	5.68	25.70	0.66	0.44	0.43	0.85	0.20	0.11
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	43.00	4.71	15.80	5.10	26.10	0.63	0.53	0.42	0.89	0.20	0.12
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	42.10	4.88	14.95	5.58	23.40	0.73	0.53	0.42	0.95	0.19	0.13
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	45.80	5.53	13.95	9.00	19.00	0.91	0.56	0.30	1.09	0.20	0.12
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	46.00	6.26	14.05	8.47	18.35	1.09	0.66	0.30	1.20	0.21	0.15
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	44.60	6.84	15.10	6.14	19.40	1.14	0.77	0.36	1.29	0.21	0.16
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	48.30	9.58	12.70	10.55	11.05	2.18	0.82	0.13	1.65	0.16	0.20
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	49.20	9.64	10.75	10.40	10.00	2.75	0.67	0.08	1.65	0.12	0.19
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	48.90	9.29	12.90	10.15	11.35	2.34	0.72	0.15	1.79	0.14	0.22

BHID	From	To	Length	Sample	Rock Type	SrO Wt.% 0.01 ME-ICP06	BaO Wt.% 0.01 ME-ICP06	LOI Wt.% 0.01 ME-ICP06	Total % Wt.% 0.01 ME-ICP06	LOI Factor Calc	SiO2 Wt.% 0.01 LOI Free Calc	Al2O3 Wt.% 0.01 LOI Free Calc	Fe2O3 Wt.% 0.01 LOI Free Calc	Cao Wt.% 0.01 LOI Free Calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	<0.01	0.01	11.90	100.04	1.14	42.68	3.31	16.57	4.46
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	<0.01	0.01	12.60	100.76	1.14	41.95	3.15	16.80	2.71
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	<0.01	0.01	6.64	99.67	1.07	41.68	3.04	15.91	4.34
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	0.01	0.02	4.34	99.90	1.05	42.03	3.17	16.41	4.08
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	0.01	0.02	3.24	99.64	1.03	41.45	3.31	16.69	3.58
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	0.01	0.02	3.75	100.47	1.04	41.76	3.38	16.67	3.43
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	0.02	0.02	1.14	100.24	1.01	41.37	3.49	17.25	3.00
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	0.02	0.02	1.01	100.07	1.01	42.02	3.36	17.58	2.90
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	0.02	0.02	1.93	99.47	1.02	41.20	3.46	17.54	3.16
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	0.02	0.02	0.98	99.12	1.01	41.01	3.45	17.67	3.21
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	0.01	0.01	2.05	99.91	1.02	41.86	3.53	17.25	3.67
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	0.01	0.02	1.70	99.61	1.02	42.53	3.76	16.63	4.85
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	0.02	0.02	1.30	99.98	1.01	42.05	3.88	17.17	3.68
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	0.01	0.03	1.86	100.92	1.02	42.58	4.02	17.37	3.77
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	0.01	0.02	1.92	101.03	1.02	42.81	4.13	17.33	3.72
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	0.02	0.02	1.08	99.15	1.01	42.36	4.17	16.88	4.35
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	0.01	0.02	4.04	99.10	1.04	43.26	4.42	16.68	5.22
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	0.02	0.02	3.18	99.90	1.03	44.10	4.66	15.91	5.87
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	0.01	0.02	3.95	101.48	1.04	44.74	4.90	16.44	5.31
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	0.01	0.02	5.82	99.71	1.06	44.71	5.18	15.88	5.93
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	0.02	0.03	3.37	99.88	1.03	47.40	5.72	14.44	9.31
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	0.03	0.04	2.47	99.28	1.03	47.17	6.42	14.41	8.69
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	0.03	0.04	3.76	99.84	1.04	46.35	7.11	15.69	6.38
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	0.05	0.04	2.10	99.51	1.02	49.34	9.79	12.97	10.78
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	0.05	0.04	2.71	98.25	1.03	50.60	9.91	11.05	10.69
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	0.05	0.04	2.51	100.55	1.03	50.15	9.53	13.23	10.41

BHID	From	To	Length	Sample	Rock Type	MgO Wt.% 0.01 LOI Free Calc	Na2O Wt.% 0.01 LOI Free Calc	K2O Wt.% 0.01 LOI Free Calc	Cr2O3 Wt.% 0.01 LOI Free Calc	TiO2 Wt.% 0.01 LOI Free Calc	MnO Wt.% 0.01 LOI Free Calc	P2O5 Wt.% 0.01 LOI Free Calc	SrO Wt.% 0.01 LOI Free Calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	31.10	0.22	0.28	0.49	0.62	0.23	0.07	
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	34.17	0.15	0.35	0.49	0.66	0.23	0.08	
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	32.36	0.26	0.66	0.49	0.64	0.20	0.07	
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	31.99	0.38	0.39	0.49	0.65	0.22	0.07	0.01
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	32.25	0.41	0.44	0.53	0.66	0.22	0.07	0.01
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	32.83	0.43	0.44	0.53	0.70	0.23	0.06	0.01
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	32.67	0.40	0.45	0.56	0.70	0.23	0.08	0.02
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	31.92	0.38	0.35	0.55	0.66	0.22	0.08	0.02
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	31.72	0.41	0.42	0.52	0.69	0.22	0.09	0.02
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	31.41	0.41	0.41	0.50	0.68	0.22	0.09	0.02
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	31.24	0.40	0.42	0.51	0.70	0.21	0.09	0.01
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	29.40	0.50	0.38	0.48	0.74	0.21	0.09	0.01
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	30.70	0.49	0.41	0.52	0.73	0.22	0.10	0.02
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	30.56	0.53	0.41	0.54	0.76	0.22	0.10	0.01
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	30.38	0.52	0.46	0.52	0.82	0.22	0.09	0.01
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	28.71	0.59	0.44	0.50	0.80	0.21	0.10	0.02
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	26.79	0.55	0.49	0.48	0.85	0.21	0.10	0.01
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	26.54	0.68	0.45	0.44	0.88	0.21	0.11	0.02
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	27.16	0.66	0.55	0.44	0.93	0.21	0.12	0.01
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	24.85	0.78	0.56	0.45	1.01	0.20	0.14	0.01
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	19.66	0.94	0.58	0.31	1.13	0.21	0.12	0.02
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	18.82	1.12	0.68	0.31	1.23	0.22	0.15	0.03
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	20.16	1.18	0.80	0.37	1.34	0.22	0.17	0.03
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	11.29	2.23	0.84	0.13	1.69	0.16	0.20	0.05
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	10.28	2.83	0.69	0.08	1.70	0.12	0.20	0.05
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	11.64	2.40	0.74	0.15	1.84	0.14	0.23	0.05

BHID	From	To	Length	Sample	Rock Type	BaO Wt.% 0.01 LOI Free Calc	Total % Wt.% 0.01 LOI Free Calc	Mg# Calc	S Wt.% 0.01 S-IR08	S ppm 100 Calc	Au ppm 0.001 PGM-ICP23	Au ppb 1 Calc	Pt ppm 0.005 PGM-ICP23	Pt ppb Calc	Pd ppm 0.001 PGM-ICP23	Pd ppb 1 Calc	Ni ppm 1 ME-4ACD81
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	0.01		78.81	0.06		<0.001		0.008		0.005		1095
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	0.01		80.12	0.05		<0.001		0.008		0.006		1100
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	0.01		80.12	0.04		<0.001		0.008		0.005		1230
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	0.02		79.43	0.02		<0.001		0.009		0.006		1265
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	0.02		79.29	0.03		<0.001		0.008		0.006		1315
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	0.02		79.60	0.03		0.001		0.011		0.009		1310
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	0.02		78.96	0.04		0.001		0.013		0.011		1415
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	0.02		78.25	0.04		0.002		0.01		0.009		1400
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	0.02		78.18	0.05		0.001		0.011		0.01		1400
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	0.02		77.88	0.05		0.001		0.011		0.008		1425
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	0.01		78.20	0.05		0.001		0.008		0.006		1370
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	0.02		77.79	0.05		0.001		0.012		0.008		1325
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	0.02		77.98	0.04		<0.001		0.01		0.008		1390
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	0.03		77.71	0.06		0.001		0.009		0.006		1415
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	0.02		77.65	0.05		0.001		0.01		0.007		1335
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	0.02		77.11	0.04		0.001		0.011		0.014		1295
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	0.02		76.09	0.06		0.001		0.011		0.007		1200
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	0.02		76.78	0.06		0.001		0.01		0.005		1080
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	0.02		76.60	0.07		0.001		0.009		0.005		1020
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	0.02		75.62	0.17		0.002		0.012		0.015		1015
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	0.03		72.96	0.07		0.002		0.023		0.014		675
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	0.04		72.13	0.06		0.005		0.034		0.022		705
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	0.04		71.80	0.05		0.002		0.011		0.008		870
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	0.04		63.29	0.03		0.006		0.023		0.011		293
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	0.04		64.83	0.02		0.003		0.014		0.005		183
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	0.04		63.55	0.02		0.002		0.021		0.008		315

BHID	From	To	Length	Sample	Rock Type	Cu ppm 1 ME-4ACD81	Co ppm 1 ME-4ACD81	Cr ppm 10 ME-MS81	Ag ppm 0.5 ME-4ACD81	Th ppm 0.05 ME-MS81	Nb ppm 0.2 ME-MS81	La ppm 0.5 ME-MS81	Ce ppm 0.5 ME-MS81	Pr ppm 0.03 ME-MS81	Nd ppm 0.1 ME-MS81	Sm ppm 0.03 ME-MS81
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	29	131	3080	<0.5	0.43	2.6	6	13.6	1.8	7.6	1.73
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	20	132	2960	<0.5	0.48	2.8	6.2	14.3	1.88	8	1.78
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	26	135	3300	<0.5	0.59	3	5.5	13.1	1.81	8	1.95
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	32	145	3320	<0.5	0.46	2.7	7	15.3	2.01	8.6	1.91
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	28	149	3590	<0.5	0.64	3.1	6.5	15.8	2.12	9	2.1
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	46	146	3610	<0.5	0.63	3.3	7.1	17	2.23	9.6	2.16
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	57	156	3790	<0.5	0.66	3.3	8	17.7	2.33	9.9	2.01
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	56	152	3950	<0.5	0.68	3.2	9	19.3	2.43	10.3	2.18
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	70	153	3610	<0.5	0.67	3.7	9.3	19.8	2.51	10.9	2.28
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	64	157	3560	<0.5	0.71	3.4	8.4	18.5	2.38	10.1	2.39
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	36	154	3580	<0.5	0.66	3.6	8.9	19.7	2.44	10.5	2.41
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	67	149	3370	<0.5	0.65	3.6	9.3	20.6	2.73	11.7	2.53
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	59	151	3600	<0.5	0.68	3.5	9.3	19.9	2.57	11	2.38
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	86	153	3700	<0.5	0.75	4	9.5	20.8	2.8	12	2.68
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	70	145	3580	<0.5	0.84	4.3	10.8	22.7	2.78	12.1	2.9
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	78	142	3540	<0.5	0.81	4.2	10.6	24	3.1	13	2.94
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	59	136	3240	<0.5	0.8	4.3	10.7	23.9	3.19	13.6	2.81
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	62	123	3030	<0.5	1.11	4.8	12	26.4	3.43	14.5	3.34
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	69	116	3010	<0.5	1.07	5.1	12.1	28.1	3.73	15.5	3.25
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	85	117	2960	<0.5	0.97	5.3	13.1	29.6	3.77	16	3.56
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	107	97	2150	<0.5	1	5.5	14.3	30.9	4.08	18.1	4.22
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	129	97	2170	<0.5	1.28	6.6	16.5	35.8	4.7	20.7	4.68
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	118	108	2530	<0.5	1.29	7.4	17.5	38.7	5.04	21.4	4.92
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	121	63	930	<0.5	1.7	9.3	23.5	51	6.62	28.8	6.25
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	50	46	610	<0.5	2.53	10.3	23.8	53.4	7.14	31.1	6.53
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	54	64	1050	<0.5	1.96	10.1	25.4	55.1	6.95	30.2	6.83

BHID	From	To	Length	Sample	Rock Type	Eu ppm 0.03 ME-MS81	Gd ppm 0.05 ME-MS81	Tb ppm 0.01 ME-MS81	Dy ppm 0.05 ME-MS81	Ho ppm 0.01 ME-MS81	Er ppm 0.03 ME-MS81	Tm ppm 0.01 ME-MS81	Yb ppm 0.03 ME-MS81	Lu ppm 0.01 ME-MS81	Ba ppm 0.5 ME-MS81	Cs ppm 0.01 ME-MS81	Ga ppm 0.1 ME-MS81
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	0.56	1.65	0.22	1.27	0.25	0.56	0.08	0.47	0.07	74.3	0.24	5.9
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	0.53	1.66	0.22	1.13	0.21	0.58	0.07	0.49	0.06	92.7	0.36	5.5
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	0.48	1.65	0.22	1.25	0.23	0.65	0.09	0.52	0.09	111	0.48	6.2
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	0.55	1.59	0.25	1.28	0.26	0.6	0.09	0.51	0.07	140	0.3	6.1
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	0.55	1.66	0.27	1.32	0.23	0.58	0.09	0.48	0.07	137.5	0.21	6.6
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	0.63	1.83	0.26	1.3	0.27	0.65	0.09	0.52	0.08	168	0.45	6.6
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	0.63	1.83	0.28	1.36	0.28	0.71	0.09	0.54	0.08	157	0.19	7
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	0.66	1.99	0.29	1.4	0.28	0.63	0.09	0.51	0.08	153	0.16	7.5
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	0.77	1.75	0.29	1.6	0.25	0.7	0.12	0.63	0.1	178.5	0.32	6.7
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	0.78	1.94	0.3	1.35	0.26	0.7	0.1	0.61	0.09	194	0.29	6.8
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	0.68	1.96	0.32	1.49	0.28	0.7	0.12	0.62	0.08	118	0.23	6.7
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	0.8	2.19	0.35	1.88	0.31	0.8	0.11	0.77	0.1	155	0.23	6.9
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	0.79	2.05	0.31	1.67	0.3	0.79	0.12	0.61	0.09	151.5	0.22	7.1
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	0.89	2.28	0.32	1.86	0.37	0.84	0.11	0.68	0.1	296	0.41	7.5
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	0.85	2.23	0.32	1.75	0.31	0.85	0.13	0.71	0.09	179.5	0.31	7.8
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	0.87	2.61	0.4	1.87	0.35	0.93	0.12	0.68	0.1	193.5	0.34	8.3
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	0.92	2.47	0.39	2.02	0.36	0.92	0.12	0.68	0.1	169.5	0.44	8.4
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	0.97	2.85	0.41	2.17	0.38	0.87	0.14	0.7	0.12	184.5	0.5	8.7
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	1.07	2.91	0.46	2.28	0.37	1	0.15	0.8	0.11	206	0.61	9.5
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	1.06	3.04	0.46	2.38	0.42	1.06	0.17	0.8	0.12	223	0.57	9.6
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	1.33	3.77	0.55	2.83	0.53	1.33	0.16	1.07	0.15	264	0.57	10.6
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	1.38	3.73	0.56	2.93	0.53	1.47	0.18	1.09	0.14	415	0.76	12
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	1.52	3.87	0.59	3.19	0.58	1.34	0.2	1.17	0.17	372	1.36	12.2
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	1.9	5.41	0.85	4.11	0.79	1.99	0.28	1.5	0.2	393	0.4	16.3
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	1.94	5.52	0.89	4.43	0.81	2.11	0.28	1.73	0.25	331	0.6	16.4
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	1.87	5.81	0.86	4.36	0.86	2.07	0.3	1.56	0.24	336	0.66	16.5

BHID	From	To	Length	Sample	Rock Type	Hf ppm 0.2 ME-MS81	Mo ppm 1 ME-4ACD81	Pb ppm 2 ME-4ACD81	Rb ppm 0.2 ME-MS81	Sn ppm 1 ME-MS81	Sr ppm 0.1 ME-MS81	Ta ppm 0.1 ME-MS81	Tl ppm 0.5 ME-MS81	U ppm 0.05 ME-MS81	V ppm 5 ME-MS81	W ppm 1 ME-MS81
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	0.9	<1	2	7.5	<1	24.2	0.2	<10	0.12	116	<1
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	1.1	<1	2	9.1	<1	21.5	0.2	10	0.13	112	<1
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	1	1	<2	18.2	<1	52.1	0.2	<10	0.2	117	<1
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	1.1	<1	3	9.8	<1	81	0.2	<10	0.13	121	<1
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	1.2	<1	<2	11.3	<1	120.5	0.2	<10	0.17	122	<1
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	1.2	<1	5	10	1	111	0.2	<10	0.14	115	<1
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	1.3	<1	4	10.7	2	159.5	0.2	<10	0.17	134	<1
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	1.3	<1	4	10.4	1	154.5	0.2	<10	0.17	137	<1
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	1.5	1	4	10	1	118.5	0.1	<10	0.09	134	<1
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	1.7	<1	7	10	1	134	0.1	<10	0.09	127	<1
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	1.6	<1	<2	10.8	1	107	0.1	<10	0.08	136	<1
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	1.6	<1	6	9.5	1	122	0.1	<10	0.06	152	<1
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	1.4	<1	2	10.3	1	138.5	0.1	<10	0.07	139	<1
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	1.6	1	11	9.4	1	130	0.1	<10	0.09	137	<1
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	1.7	<1	<2	11.2	1	126.5	0.1	<10	0.1	154	<1
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	1.7	<1	3	10.7	1	135	0.1	<10	0.07	152	<1
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	1.8	<1	<2	12	1	121	0.2	<10	0.08	154	<1
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	1.9	<1	6	11.1	1	137.5	0.2	<10	0.07	165	1
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	2	<1	<2	13.4	1	137	0.2	<10	0.16	171	<1
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	2	<1	2	13.2	1	126.5	0.2	<10	0.16	198	<1
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	2.4	<1	<2	14	1	180	0.2	<10	0.13	212	<1
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	2.5	<1	15	15.7	1	225	0.3	<10	0.2	232	<1
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	2.9	<1	7	20.1	1	207	0.3	<10	0.24	218	<1
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	4.2	<1	<2	16.7	1	430	0.4	<10	0.37	271	<1
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	4.3	<1	<2	13	1	418	0.6	10	0.33	254	<1
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	4.1	<1	5	17.2	1	415	0.5	<10	0.36	282	<1

BHID	From	To	Length	Sample	Rock Type	Y	Zn	Zr	As	Cd	Li	Sc	Th	Nb
						ppm	ppm	ppm	ppm	ppm	ppm	ppm	PM	PM
						0.05	2	2	5	0.5	10	1	0.09	0.71
						ME-MS81	ME-4ACD81	ME-MS81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PM Norm calc	PM Norm calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	5.7	83	34	<5	<0.5	20	15	5.06	3.65
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	5.6	83	38	<5	<0.5	10	13	5.65	3.93
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	6	81	40	<5	<0.5	10	14	6.94	4.21
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	6.1	100	41	<5	<0.5	10	15	5.41	3.79
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	6.5	98	48	<5	<0.5	10	5	7.53	4.35
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	6.5	113	51	<5	0.5	10	12	7.41	4.63
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	6.6	118	48	<5	<0.5	10	12	7.76	4.63
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	6.9	113	54	<5	<0.5	10	11	8.00	4.49
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	6.8	136	57	<5	<0.5	10	6	7.88	5.19
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	6.8	143	63	<5	<0.5	10	13	8.35	4.77
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	7.1	103	60	<5	<0.5	10	4	7.76	5.05
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	8	115	56	<5	<0.5	10	7	7.65	5.05
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	7	113	51	<5	<0.5	10	14	8.00	4.91
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	8	167	61	<5	0.5	10	15	8.82	5.61
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	8.3	119	61	<5	<0.5	10	14	9.88	6.03
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	8.6	123	66	<5	0.5	10	16	9.53	5.89
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	9	110	63	<5	<0.5	20	19	9.41	6.03
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	9.7	104	71	<5	<0.5	20	19	13.06	6.73
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	10.3	102	79	<5	<0.5	20	17	12.59	7.15
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	10.7	107	79	<5	<0.5	30	20	11.41	7.43
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	12.6	104	85	<5	<0.5	20	31	11.76	7.71
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	13.7	166	96	<5	<0.5	10	29	15.06	9.26
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	13.6	132	106	<5	0.5	20	21	15.18	10.38
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	19.3	83	156	<5	<0.5	20	33	20.00	13.04
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	20.1	65	168	<5	<0.5	20	27	29.76	14.45
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	19.7	57	146	<5	<0.5	20	33	23.06	14.17

BHID	From	To	Length	Sample	Rock Type	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
						PM	PM	PM	PM	PM	PM	PM	PM
						0.69	1.78	0.28	1.35	0.44	0.17	0.60	0.11
						PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	8.73	7.66	6.52	5.61	3.90	3.33	2.77	2.04
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	9.02	8.06	6.81	5.91	4.01	3.15	2.79	2.04
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	8.01	7.38	6.56	5.91	4.39	2.86	2.77	2.04
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	10.19	8.62	7.28	6.35	4.30	3.27	2.67	2.31
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	9.46	8.90	7.68	6.65	4.73	3.27	2.79	2.50
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	10.33	9.58	8.08	7.09	4.86	3.75	3.07	2.41
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	11.64	9.97	8.44	7.31	4.53	3.75	3.07	2.59
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	13.10	10.87	8.80	7.61	4.91	3.93	3.34	2.69
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	13.54	11.15	9.09	8.05	5.14	4.58	2.94	2.69
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	12.23	10.42	8.62	7.46	5.38	4.64	3.26	2.78
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	12.95	11.10	8.84	7.75	5.43	4.05	3.29	2.96
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	13.54	11.61	9.89	8.64	5.70	4.76	3.67	3.24
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	13.54	11.21	9.31	8.12	5.36	4.70	3.44	2.87
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	13.83	11.72	10.14	8.86	6.04	5.30	3.83	2.96
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	15.72	12.79	10.07	8.94	6.53	5.06	3.74	2.96
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	15.43	13.52	11.23	9.60	6.62	5.18	4.38	3.70
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	15.57	13.46	11.56	10.04	6.33	5.48	4.14	3.61
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	17.47	14.87	12.43	10.71	7.52	5.77	4.78	3.80
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	17.61	15.83	13.51	11.45	7.32	6.37	4.88	4.26
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	19.07	16.68	13.66	11.82	8.02	6.31	5.10	4.26
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	20.82	17.41	14.78	13.37	9.50	7.92	6.33	5.09
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	24.02	20.17	17.03	15.29	10.54	8.21	6.26	5.19
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	25.47	21.80	18.26	15.81	11.08	9.05	6.49	5.46
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	34.21	28.73	23.99	21.27	14.08	11.31	9.08	7.87
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	34.64	30.08	25.87	22.97	14.71	11.55	9.26	8.24
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	36.97	31.04	25.18	22.30	15.38	11.13	9.75	7.96

BHID	From	To	Length	Sample	Rock Type	Dy	Ho	Er	Tm	Yb	Lu	Gd/Yb	La/Sm	Th/Yb	Th
						PM	PM	PM	PM	PM	PM				CH
						0.74	0.16	0.48	0.07	0.49	0.07				0.03
						PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	Calc	Calc	Calc	CH Norm calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	1.72	1.52	1.17	1.08	0.95	0.95	2.90	2.24	5.31	14.83
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	1.53	1.28	1.21	0.95	0.99	0.81	2.80	2.25	5.68	16.55
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	1.70	1.40	1.35	1.22	1.05	1.22	2.62	1.82	6.58	20.34
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	1.74	1.59	1.25	1.22	1.03	0.95	2.58	2.37	5.23	15.86
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	1.79	1.40	1.21	1.22	0.97	0.95	2.86	2.00	7.73	22.07
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	1.76	1.65	1.35	1.22	1.05	1.08	2.91	2.12	7.03	21.72
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	1.85	1.71	1.48	1.22	1.10	1.08	2.80	2.57	7.09	22.76
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	1.90	1.71	1.31	1.22	1.03	1.08	3.23	2.67	7.73	23.45
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	2.17	1.52	1.46	1.62	1.28	1.35	2.30	2.64	6.17	23.10
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	1.83	1.59	1.46	1.35	1.24	1.22	2.63	2.27	6.75	24.48
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	2.02	1.71	1.46	1.62	1.26	1.08	2.61	2.39	6.17	22.76
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	2.55	1.89	1.67	1.49	1.56	1.35	2.35	2.38	4.90	22.41
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	2.27	1.83	1.65	1.62	1.24	1.22	2.78	2.53	6.47	23.45
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	2.52	2.26	1.75	1.49	1.38	1.35	2.77	2.29	6.40	25.86
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	2.37	1.89	1.77	1.76	1.44	1.22	2.60	2.41	6.86	28.97
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	2.54	2.13	1.94	1.62	1.38	1.35	3.17	2.33	6.91	27.93
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	2.74	2.20	1.92	1.62	1.38	1.35	3.00	2.46	6.82	27.59
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	2.94	2.32	1.81	1.89	1.42	1.62	3.37	2.32	9.20	38.28
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	3.09	2.26	2.08	2.03	1.62	1.49	3.01	2.41	7.76	36.90
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	3.23	2.56	2.21	2.30	1.62	1.62	3.14	2.38	7.03	33.45
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	3.84	3.23	2.77	2.16	2.17	2.03	2.91	2.19	5.42	34.48
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	3.98	3.23	3.06	2.43	2.21	1.89	2.83	2.28	6.81	44.14
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	4.33	3.54	2.79	2.70	2.37	2.30	2.74	2.30	6.39	44.48
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	5.58	4.82	4.15	3.78	3.04	2.70	2.98	2.43	6.57	58.62
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	6.01	4.94	4.40	3.78	3.51	3.38	2.64	2.36	8.48	87.24
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	5.92	5.24	4.31	4.05	3.16	3.24	3.08	2.40	7.29	67.59

BHID	From	To	Length	Sample	Rock Type	Nb CH 0.25 CH Norm calc	La CH 0.24 CH Norm calc	Ce CH 0.61 CH Norm calc	Pr CH 0.10 CH Norm calc	Nd CH 0.47 CH Norm calc	Sm CH 0.15 CH Norm calc	Eu CH 0.06 CH Norm calc	Gd CH 0.21 CH Norm calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	10.57	25.32	22.22	18.95	16.27	11.31	9.66	8.03
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	11.38	26.16	23.37	19.79	17.13	11.63	9.14	8.08
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	12.20	23.21	21.41	19.05	17.13	12.75	8.28	8.03
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	10.98	29.54	25.00	21.16	18.42	12.48	9.48	7.74
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	12.60	27.43	25.82	22.32	19.27	13.73	9.48	8.08
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	13.41	29.96	27.78	23.47	20.56	14.12	10.86	8.91
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	13.41	33.76	28.92	24.53	21.20	13.14	10.86	8.91
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	13.01	37.97	31.54	25.58	22.06	14.25	11.38	9.68
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	15.04	39.24	32.35	26.42	23.34	14.90	13.28	8.52
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	13.82	35.44	30.23	25.05	21.63	15.62	13.45	9.44
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	14.63	37.55	32.19	25.68	22.48	15.75	11.72	9.54
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	14.63	39.24	33.66	28.74	25.05	16.54	13.79	10.66
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	14.23	39.24	32.52	27.05	23.55	15.56	13.62	9.98
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	16.26	40.08	33.99	29.47	25.70	17.52	15.34	11.09
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	17.48	45.57	37.09	29.26	25.91	18.95	14.66	10.85
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	17.07	44.73	39.22	32.63	27.84	19.22	15.00	12.70
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	17.48	45.15	39.05	33.58	29.12	18.37	15.86	12.02
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	19.51	50.63	43.14	36.11	31.05	21.83	16.72	13.87
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	20.73	51.05	45.92	39.26	33.19	21.24	18.45	14.16
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	21.54	55.27	48.37	39.68	34.26	23.27	18.28	14.79
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	22.36	60.34	50.49	42.95	38.76	27.58	22.93	18.35
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	26.83	69.62	58.50	49.47	44.33	30.59	23.79	18.15
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	30.08	73.84	63.24	53.05	45.82	32.16	26.21	18.83
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	37.80	99.16	83.33	69.68	61.67	40.85	32.76	26.33
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	41.87	100.42	87.25	75.16	66.60	42.68	33.45	26.86
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	41.06	107.17	90.03	73.16	64.67	44.64	32.24	28.27

BHID	From	To	Length	Sample	Rock Type	Tb CH 0.04 CH Norm calc	Dy CH 0.25 CH Norm calc	Ho CH 0.06 CH Norm calc	Er CH 0.17 CH Norm calc	Tm CH 0.03 CH Norm calc	Yb CH 0.17 CH Norm calc	Lu CH 0.03 CH Norm calc	Gd/Yb Calc	La/Sm Calc	Pt+Pd ppm Calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	5.88	5.00	4.42	3.38	3.14		2.76		2.24	0.01
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	5.88	4.45	3.71	3.50	2.75		2.36		2.25	0.01
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	5.88	4.92	4.06	3.93	3.53		3.54		1.82	0.01
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	6.68	5.04	4.59	3.63	3.53		2.76		2.37	0.02
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	7.22	5.20	4.06	3.50	3.53		2.76		2.00	0.01
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	6.95	5.12	4.77	3.93	3.53		3.15		2.12	0.02
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	7.49	5.35	4.95	4.29	3.53		3.15		2.57	0.02
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	7.75	5.51	4.95	3.81	3.53		3.15		2.67	0.02
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	7.75	6.30	4.42	4.23	4.71		3.94		2.63	0.02
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	8.02	5.31	4.59	4.23	3.92		3.54		2.27	0.02
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	8.56	5.87	4.95	4.23	4.71		3.15		2.38	0.01
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	9.36	7.40	5.48	4.83	4.31		3.94		2.37	0.02
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	8.29	6.57	5.30	4.77	4.71		3.54		2.52	0.02
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	8.56	7.32	6.54	5.08	4.31		3.94		2.29	0.02
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	8.56	6.89	5.48	5.14	5.10		3.54		2.40	0.02
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	10.70	7.36	6.18	5.62	4.71		3.94		2.33	0.03
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	10.43	7.95	6.36	5.56	4.71		3.94		2.46	0.02
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	10.96	8.54	6.71	5.26	5.49		4.72		2.32	0.02
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	12.30	8.98	6.54	6.04	5.88		4.33		2.40	0.01
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	12.30	9.37	7.42	6.40	6.67		4.72		2.38	0.03
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	14.71	11.14	9.36	8.04	6.27		5.91		2.19	0.04
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	14.97	11.54	9.36	8.88	7.06		5.51		2.28	0.06
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	15.78	12.56	10.25	8.10	7.84		6.69		2.30	0.02
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	22.73	16.18	13.96	12.02	10.98		7.87		2.43	0.03
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	23.80	17.44	14.31	12.75	10.98		9.84		2.35	0.02
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	22.99	17.17	15.19	12.51	11.76		9.45		2.40	0.03

BHID	From	To	Length	Sample	Rock Type	Al2O3/CaO	Ce/Yb PM	Expected Ni	Ni/Ni*	Cu/Zr	Cu/Pd	Al2O3/TiO2	SiO2/TiO2	Th/Nb PM	Zr/Y	La/Yb	3E PGE	Pt:Pd
						Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite	0.74	8.04	1931.93	0.57	0.85	5.80	5.31	68.36	1.39	5.96	9.16		1.60
EK-03-03	15.0	16.0	1.0	J564014	Peridotite	1.16	8.11	2318.70	0.47	0.53	3.33	4.76	63.28	1.44	6.79	9.08		1.33
EK-03-03	20.0	21.0	1.0	J564015	Peridotite	0.70	7.00	2085.86	0.59	0.65	5.20	4.73	64.83	1.65	6.67	7.59		1.60
EK-03-03	25.0	26.0	1.0	J564016	Peridotite	0.78	8.33	2040.45	0.62	0.78	5.33	4.89	64.84	1.43	6.72	9.85		1.50
EK-03-03	30.0	31.0	1.0	J564017	Peridotite	0.92	9.14	2072.54	0.63	0.58	4.67	5.00	62.66	1.73	7.38	9.72		1.33
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	0.98	9.08	2144.88	0.61	0.90	5.11	4.85	60.00	1.60	7.85	9.80	0.02	1.22
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	1.16	9.10	2125.48	0.67	1.19	5.18	5.00	59.28	1.68	7.27	10.63	0.03	1.18
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	1.16	10.51	2032.12	0.69	1.04	6.22	5.12	64.00	1.78	7.83	12.66	0.02	1.11
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	1.09	8.73	2006.70	0.70	1.23	7.00	4.99	59.41	1.52	8.38	10.59	0.02	1.10
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	1.08	8.42	1969.53	0.72	1.02	8.00	5.10	60.60	1.75	9.26	9.88	0.02	1.38
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	0.96	8.83	1949.00	0.70	0.60	6.00	5.01	59.42	1.54	8.45	10.30	0.02	1.33
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	0.78	7.43	1732.99	0.76	1.20	8.38	5.07	57.26	1.51	7.00	8.67	0.02	1.50
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro	1.06	9.06	1884.09	0.74	1.16	7.38	5.32	57.64	1.63	7.29	10.94		1.25
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	1.07	8.50	1867.98	0.76	1.41	14.33	5.27	55.73	1.57	7.63	10.03	0.02	1.50
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	1.11	8.88	1846.04	0.72	1.15	10.00	5.06	52.50	1.64	7.35	10.92	0.02	1.43
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	0.96	9.80	1655.23	0.78	1.18	5.57	5.22	53.04	1.62	7.67	11.19	0.03	0.79
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	0.85	9.76	1447.61	0.83	0.94	8.43	5.17	50.61	1.56	7.00	11.29	0.02	1.57
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	0.79	10.48	1421.85	0.76	0.87	12.40	5.31	50.24	1.94	7.32	12.30	0.02	2.00
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	0.92	9.76	1486.01	0.69	0.87	13.80	5.29	48.31	1.76	7.67	10.85	0.02	1.80
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	0.87	10.28	1251.39	0.81	1.08	5.67	5.14	44.32	1.54	7.38	11.75	0.03	0.80
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	0.61	8.02	795.34	0.85	1.26	7.64	5.07	42.02	1.53	6.75	9.59	0.04	1.64
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	0.74	9.12	730.48	0.97	1.34	5.86	5.22	38.33	1.63	7.01	10.86	0.06	1.55
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	1.11	9.19	834.61	1.04	1.11	14.75	5.30	34.57	1.46	7.79	10.73	0.02	1.38
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	0.91	9.44	271.59	1.08	0.78	11.00	5.81	29.27	1.53	8.08	11.24	0.04	2.09
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	0.93	8.57	226.75	0.81	0.30	10.00	5.84	29.82	2.06	8.36	9.87	0.02	2.80
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	0.92	9.81	288.24	1.09	0.37	6.75	5.19	27.32	1.63	7.41	11.68	0.03	2.63

BHID	From	To	Length	Sample	Rock Type	PGM Tenor	Zr/Ti
						Calc	Calc
EK-03-03	10.0	11.0	1.0	J564013	Peridotite		54.46
EK-03-03	15.0	16.0	1.0	J564014	Peridotite		57.32
EK-03-03	20.0	21.0	1.0	J564015	Peridotite		62.23
EK-03-03	25.0	26.0	1.0	J564016	Peridotite		63.26
EK-03-03	30.0	31.0	1.0	J564017	Peridotite		72.56
EK-03-03	35.0	36.0	1.0	J564018	Olivine melagabbro	25.20	73.28
EK-03-03	40.0	41.0	1.0	J564019	Olivine melagabbro	22.50	68.77
EK-03-03	45.0	46.0	1.0	J564020	Olivine melagabbro	18.90	82.24
EK-03-03	50.0	51.0	1.0	J564021	Olivine melagabbro	15.84	82.20
EK-03-03	54.0	55.0	1.0	J564022	Olivine melagabbro	14.40	93.10
EK-03-03	60.0	61.0	1.0	J564023	Olivine melagabbro	10.80	85.17
EK-03-03	65.0	66.0	1.0	J564024	Olivine melagabbro	15.12	75.40
EK-03-03	70.0	71.0	1.0	J564025	Olivine melagabbro		69.91
EK-03-03	75.0	76.0	1.0	J564026	Olivine melagabbro	9.60	79.83
EK-03-03	80.0	81.0	1.0	J564027	Olivine melagabbro	12.96	74.80
EK-03-03	85.0	86.0	1.0	J564028	Olivine melagabbro	23.40	82.63
EK-03-03	90.0	91.0	1.0	J564029	Olivine melagabbro	11.40	73.70
EK-03-03	95.0	96.0	1.0	J564030	Olivine melagabbro	9.60	80.87
EK-03-03	100.0	101.0	1.0	J564031	Olivine melagabbro	7.71	85.31
EK-03-03	105.0	106.0	1.0	J564032	Olivine melagabbro	6.14	78.30
EK-03-03	110.0	111.0	1.0	J564033	Olivine melagabbro	20.06	75.35
EK-03-03	115.0	116.0	1.0	J564034	Olivine melagabbro	36.60	78.01
EK-03-03	125.0	126.0	1.0	J564035	Olivine melagabbro	15.12	79.08
EK-03-03	131.0	132.0	1.0	J564036	Gabbro	48.00	92.55
EK-03-03	135.0	136.0	1.0	J564037	Gabbro	39.60	99.01
EK-03-03	139.5	140.5	1.0	J564038	Gabbro	55.80	79.53

BHID	From	To	Length	Sample	Rock Type	SiO2 Wt.% 0.01 ME-ICP06	Al2O3 Wt.% 0.01 ME-ICP06	Fe2O3 Wt.% 0.01 ME-ICP06	Cao Wt.% 0.01 ME-ICP06	MgO Wt.% 0.01 ME-ICP06	Na2O Wt.% 0.01 ME-ICP06	K2O Wt.% 0.01 ME-ICP06	Cr2O3 Wt.% 0.01 ME-ICP06	TiO2 Wt.% 0.01 ME-ICP06	MnO Wt.% 0.01 ME-ICP06	P2O5 Wt.% 0.01 ME-ICP06
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	46.00	4.03	15.80	9.42	21.50	0.57	0.38	0.25	0.83	0.22	0.08
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	45.90	4.34	14.95	9.90	19.85	0.60	0.46	0.23	0.92	0.22	0.10
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	47.60	4.40	13.50	11.20	19.25	0.69	0.43	0.27	0.95	0.22	0.09
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	45.20	3.78	15.00	8.88	22.70	0.58	0.41	0.27	0.82	0.22	0.09
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	44.90	3.75	15.30	8.09	24.20	0.55	0.38	0.27	0.77	0.23	0.08
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	44.10	3.42	15.25	7.44	25.70	0.47	0.45	0.29	0.73	0.21	0.08
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	45.10	3.23	14.05	8.72	25.10	0.50	0.34	0.30	0.67	0.20	0.07
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	45.90	4.12	12.85	11.00	21.10	0.54	0.58	0.29	0.82	0.19	0.07
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro											
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	44.40	3.67	14.70	8.31	24.90	0.50	0.38	0.29	0.77	0.21	0.07
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro											
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	44.50	3.57	14.80	8.32	24.90	0.48	0.42	0.30	0.80	0.23	0.08
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	49.10	4.38	10.15	14.70	16.75	0.65	0.46	0.32	0.85	0.20	0.06
EK-07-02	63.0	64.0	1.0	J591569	Dunite											
EK-07-02	64.0	65.0	1.0	J591570	Dunite	45.10	3.56	12.60	11.20	21.50	0.37	0.65	0.30	0.67	0.18	0.07
EK-07-02	65.0	66.0	1.0	J591571	Dunite											
EK-07-02	66.0	67.0	1.0	J591572	Dunite											
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	42.20	3.45	15.45	5.78	27.60	0.38	0.54	0.38	0.66	0.20	0.07
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	39.50	2.81	17.40	2.99	32.50	0.24	0.51	0.44	0.54	0.21	0.06
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	41.50	2.59	16.70	5.04	30.90	0.32	0.30	0.42	0.54	0.22	0.06
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	41.10	2.60	16.60	5.07	30.70	0.32	0.29	0.43	0.52	0.22	0.05
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	41.10	2.39	15.80	5.38	30.00	0.28	0.39	0.42	0.55	0.20	0.06
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	41.60	2.54	16.30	5.38	30.90	0.32	0.22	0.45	0.52	0.23	0.06
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	41.00	2.42	15.45	5.69	29.30	0.25	0.23	0.43	0.51	0.21	0.05
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	40.90	2.43	16.10	5.03	30.80	0.29	0.20	0.45	0.50	0.22	0.06
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	40.20	2.43	16.20	4.55	31.00	0.27	0.27	0.46	0.49	0.21	0.06
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	39.30	2.33	16.30	3.91	31.20	0.23	0.25	0.47	0.50	0.22	0.06
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	38.60	2.38	17.20	2.57	32.90	0.23	0.29	0.50	0.51	0.22	0.07
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	39.40	2.45	16.30	3.93	31.50	0.31	0.24	0.49	0.51	0.22	0.06
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	39.50	2.59	16.65	3.39	32.40	0.32	0.25	0.52	0.52	0.22	0.06
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	39.90	2.64	17.00	3.27	32.70	0.31	0.30	0.53	0.54	0.22	0.07
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	39.30	2.77	17.30	2.49	33.10	0.26	0.46	0.55	0.55	0.21	0.07
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	39.10	2.79	17.40	2.65	32.60	0.27	0.43	0.56	0.54	0.22	0.07
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	39.40	2.79	17.30	2.76	32.50	0.29	0.44	0.55	0.54	0.21	0.07
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	39.20	2.75	17.30	2.86	32.20	0.27	0.36	0.55	0.55	0.23	0.08
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	40.40	2.87	17.60	3.06	33.00	0.34	0.33	0.56	0.55	0.23	0.07
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	38.70	2.80	16.25	3.24	30.30	0.22	0.55	0.53	0.54	0.21	0.07
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	39.90	2.86	15.75	4.07	31.40	0.25	0.72	0.59	0.55	0.18	0.05
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	39.70	2.84	17.90	2.82	32.70	0.34	0.40	0.61	0.56	0.22	0.08
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	40.60	2.84	17.60	3.58	32.30	0.40	0.30	0.58	0.57	0.24	0.07
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	40.50	2.85	18.40	2.78	33.40	0.32	0.38	0.61	0.57	0.23	0.08
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	40.60	3.01	17.10	3.54	32.20	0.35	0.41	0.58	0.57	0.21	0.07
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	40.50	3.12	17.40	2.93	32.70	0.44	0.39	0.59	0.60	0.22	0.08
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	40.40	3.22	17.15	3.00	32.50	0.38	0.46	0.63	0.61	0.22	0.09
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	41.10	3.39	17.25	2.92	31.10	0.51	0.36	0.65	0.64	0.23	0.08
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	40.90	3.33	17.05	2.97	31.10	0.45	0.37	0.63	0.63	0.23	0.08

BHID	From	To	Length	Sample	Rock Type	SiO2 Wt.% 0.01 ME-ICP06	Al2O3 Wt.% 0.01 ME-ICP06	Fe2O3 Wt.% 0.01 ME-ICP06	Cao Wt.% 0.01 ME-ICP06	MgO Wt.% 0.01 ME-ICP06	Na2O Wt.% 0.01 ME-ICP06	K2O Wt.% 0.01 ME-ICP06	Cr2O3 Wt.% 0.01 ME-ICP06	TiO2 Wt.% 0.01 ME-ICP06	MnO Wt.% 0.01 ME-ICP06	P2O5 Wt.% 0.01 ME-ICP06
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	40.20	3.15	16.90	2.92	30.90	0.38	0.38	0.63	0.63	0.22	0.08
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	40.40	3.26	17.35	2.98	30.40	0.37	0.39	0.63	0.64	0.23	0.08
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	41.10	3.28	17.80	3.45	30.00	0.44	0.39	0.60	0.64	0.23	0.09
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	43.90	3.43	14.60	6.73	26.80	0.54	0.30	0.47	0.72	0.22	0.08
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	41.20	3.67	16.25	3.12	30.60	0.39	0.43	0.65	0.71	0.22	0.09
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	42.40	4.11	16.20	3.34	29.40	0.57	0.52	0.66	0.76	0.23	0.10
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	41.10	3.95	16.35	3.42	30.40	0.49	0.55	0.62	0.76	0.23	0.10
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	41.50	4.18	16.25	3.49	30.00	0.54	0.65	0.64	0.80	0.22	0.10
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	41.20	4.14	16.10	3.39	29.90	0.40	0.80	0.61	0.79	0.21	0.10
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	40.30	4.63	14.75	4.06	26.90	0.39	0.86	0.56	0.88	0.19	0.12
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	41.20	5.12	15.35	4.10	25.50	0.59	0.98	0.53	0.98	0.19	0.13
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro											
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	41.90	5.63	15.15	4.47	24.30	0.58	0.99	0.50	1.06	0.20	0.13
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro											
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	42.40	6.17	15.15	5.20	22.00	0.53	0.94	0.43	1.17	0.25	0.16
EK-07-02	273.0	274.5	1.5	J564009	Gabbro											
EK-07-02	274.5	275.0	0.5	J564010	Gabbro											
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	46.30	9.38	13.05	8.26	12.35	1.32	2.01	0.17	1.74	0.19	0.21

BHID	From	To	Length	Sample	Rock Type	SrO Wt.% 0.01 ME-ICP06	BaO Wt.% 0.01 ME-ICP06	LOI Wt.% 0.01 ME-ICP06	Total % Wt.% 0.01 ME-ICP06	LOI Factor Calc	SiO2 Wt.% 0.01 LOI Free Calc	Al2O3 Wt.% 0.01 LOI Free Calc	Fe2O3 Wt.% 0.01 LOI Free Calc	Cao Wt.% 0.01 LOI Free Calc	MgO Wt.% 0.01 LOI Free Calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	0.02	0.02	0.86	99.98	1.01	46.40	4.06	15.94	9.50	21.69
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	0.02	0.02	2.31	99.82	1.02	46.99	4.44	15.30	10.13	20.32
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	0.02	0.02	1.27	99.91	1.01	48.21	4.46	13.67	11.34	19.50
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	0.02	0.03	1.21	99.21	1.01	45.76	3.83	15.19	8.99	22.98
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	0.02	0.03	1.13	99.70	1.01	45.41	3.79	15.48	8.18	24.48
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	0.01	0.02	1.93	100.10	1.02	44.97	3.49	15.55	7.59	26.21
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	0.02	0.02	1.33	99.65	1.01	45.71	3.27	14.24	8.84	25.44
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	0.02	0.02	2.11	99.61	1.02	46.89	4.21	13.13	11.24	21.56
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro										
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	0.02	0.02	1.49	99.73	1.02	45.07	3.73	14.92	8.44	25.28
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro										
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	0.02	0.03	1.55	100.00	1.02	45.20	3.63	15.03	8.45	25.29
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	0.02	0.02	1.65	99.31	1.02	49.93	4.45	10.32	14.95	17.03
EK-07-02	63.0	64.0	1.0	J591569	Dunite										
EK-07-02	64.0	65.0	1.0	J591570	Dunite	0.01	0.02	2.48	98.71	1.03	46.26	3.65	12.92	11.49	22.05
EK-07-02	65.0	66.0	1.0	J591571	Dunite										
EK-07-02	66.0	67.0	1.0	J591572	Dunite										
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	0.01	0.01	2.43	99.16	1.03	43.26	3.54	15.84	5.93	28.29
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	0.01	0.01	2.39	99.61	1.02	40.47	2.88	17.83	3.06	33.30
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	0.01	0.01	0.73	99.34	1.01	41.81	2.61	16.82	5.08	31.13
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	0.01	0.01	0.83	98.75	1.01	41.45	2.62	16.74	5.11	30.96
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	0.01	0.01	2.72	99.31	1.03	42.26	2.46	16.24	5.53	30.84
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	0.01	0.02	1.60	100.15	1.02	42.28	2.58	16.56	5.47	31.40
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	0.01	0.01	4.44	100.00	1.05	42.90	2.53	16.17	5.95	30.66
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	0.01	0.01	3.30	100.30	1.03	42.29	2.51	16.65	5.20	31.85
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	0.01	0.01	3.74	99.90	1.04	41.76	2.52	16.83	4.73	32.21
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	0.01	0.01	5.09	99.88	1.05	41.41	2.46	17.18	4.12	32.88
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	0.01	0.01	4.30	99.79	1.05	40.34	2.49	17.97	2.69	34.38
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	0.02	0.02	3.38	98.83	1.04	40.80	2.54	16.88	4.07	32.62
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	0.01	0.02	3.26	99.71	1.03	40.84	2.68	17.21	3.50	33.50
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	0.01	0.01	2.78	100.28	1.03	41.04	2.72	17.48	3.36	33.63
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	0.01	0.01	3.33	100.41	1.03	40.65	2.87	17.89	2.58	34.24
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	0.01	0.01	3.85	100.50	1.04	40.66	2.90	18.09	2.76	33.90
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	0.01	0.01	3.16	100.03	1.03	40.69	2.88	17.86	2.85	33.56
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	0.01	0.01	3.15	99.52	1.03	40.48	2.84	17.87	2.95	33.25
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	0.01	0.02	1.12	100.16	1.01	40.86	2.90	17.80	3.09	33.37
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	0.01	0.01	5.78	99.21	1.06	41.09	2.97	17.26	3.44	32.17
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	0.01	0.01	3.60	99.94	1.04	41.39	2.97	16.34	4.22	32.57
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	0.01	0.01	1.31	99.50	1.01	40.23	2.88	18.14	2.86	33.14
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	0.01	0.02	0.97	100.08	1.01	41.00	2.87	17.77	3.62	32.62
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	0.01	0.01	1.16	101.30	1.01	40.97	2.88	18.61	2.81	33.79
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	0.01	0.01	1.63	100.29	1.02	41.27	3.06	17.38	3.60	32.73
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	0.01	0.02	1.06	100.06	1.01	40.93	3.15	17.59	2.96	33.05
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	0.01	0.02	1.30	99.99	1.01	40.93	3.26	17.38	3.04	32.93
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	0.02	0.03	0.81	99.09	1.01	41.44	3.42	17.39	2.94	31.36
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	0.02	0.03	1.06	98.85	1.01	41.34	3.37	17.23	3.00	31.44

BHID	From	To	Length	Sample	Rock Type	SrO Wt.% 0.01 ME-ICP06	BaO Wt.% 0.01 ME-ICP06	LOI Wt.% 0.01 ME-ICP06	Total % Wt.% 0.01 ME-ICP06	LOI Factor Calc	SiO2 Wt.% 0.01 LOI Free Calc	Al2O3 Wt.% 0.01 LOI Free Calc	Fe2O3 Wt.% 0.01 LOI Free Calc	Cao Wt.% 0.01 LOI Free Calc	MgO Wt.% 0.01 LOI Free Calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	0.01	0.02	1.74	98.16	1.02	40.93	3.21	17.20	2.97	31.46
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	0.01	0.02	2.50	99.26	1.03	41.44	3.34	17.80	3.06	31.19
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	0.02	0.02	1.17	99.23	1.01	41.59	3.32	18.01	3.49	30.36
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	0.02	0.04	1.36	99.21	1.01	44.51	3.48	14.80	6.82	27.17
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	0.02	0.03	2.34	99.72	1.02	42.19	3.76	16.64	3.19	31.34
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	0.02	0.03	2.05	100.39	1.02	43.28	4.20	16.54	3.41	30.01
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	0.02	0.03	1.98	100.00	1.02	41.93	4.03	16.68	3.49	31.01
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	0.01	0.02	2.44	100.84	1.02	42.53	4.28	16.65	3.58	30.74
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	0.01	0.02	3.35	101.02	1.03	42.61	4.28	16.65	3.51	30.93
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	<0.01	0.02	4.95	98.61	1.05	42.43	4.87	15.53	4.27	28.32
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	0.01	0.03	3.90	98.61	1.04	42.90	5.33	15.98	4.27	26.55
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro										
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	0.01	0.03	4.21	99.16	1.04	43.76	5.88	15.82	4.67	25.38
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro										
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	0.02	0.06	3.85	98.33	1.04	44.13	6.42	15.77	5.41	22.90
EK-07-02	273.0	274.5	1.5	J564009	Gabbro										
EK-07-02	274.5	275.0	0.5	J564010	Gabbro										
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	0.07	0.04	2.92	98.01	1.03	47.72	9.67	13.45	8.51	12.73

BHID	From	To	Length	Sample	Rock Type	Na2O Wt.% 0.01 LOI Free Calc	K2O Wt.% 0.01 LOI Free Calc	Cr2O3 Wt.% 0.01 LOI Free Calc	TiO2 Wt.% 0.01 LOI Free Calc	MnO Wt.% 0.01 LOI Free Calc	P2O5 Wt.% 0.01 LOI Free Calc	SrO Wt.% 0.01 LOI Free Calc	BaO Wt.% 0.01 LOI Free Calc	Total % Wt.% 0.01 LOI Free Calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	0.57	0.38	0.25	0.84	0.22	0.08	0.02	0.02	
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	0.61	0.47	0.24	0.94	0.23	0.10	0.02	0.02	
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	0.70	0.44	0.27	0.96	0.22	0.09	0.02	0.02	
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	0.59	0.42	0.27	0.83	0.22	0.09	0.02	0.03	
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	0.56	0.38	0.27	0.78	0.23	0.08	0.02	0.03	
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	0.48	0.46	0.30	0.74	0.21	0.08	0.01	0.02	
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	0.51	0.34	0.30	0.68	0.20	0.07	0.02	0.02	
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	0.55	0.59	0.30	0.84	0.19	0.07	0.02	0.02	
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro									
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	0.51	0.39	0.29	0.78	0.21	0.07	0.02	0.02	
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro									
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	0.49	0.43	0.30	0.81	0.23	0.08	0.02	0.03	
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	0.66	0.47	0.33	0.86	0.20	0.06	0.02	0.02	
EK-07-02	63.0	64.0	1.0	J591569	Dunite									
EK-07-02	64.0	65.0	1.0	J591570	Dunite	0.38	0.67	0.31	0.69	0.18	0.07	0.01	0.02	
EK-07-02	65.0	66.0	1.0	J591571	Dunite									
EK-07-02	66.0	67.0	1.0	J591572	Dunite									
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	0.39	0.55	0.39	0.68	0.21	0.07	0.01	0.01	
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	0.25	0.52	0.45	0.55	0.22	0.06	0.01	0.01	
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	0.32	0.30	0.42	0.54	0.22	0.06	0.01	0.01	
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	0.32	0.29	0.43	0.52	0.22	0.05	0.01	0.01	
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	0.29	0.40	0.43	0.57	0.21	0.06	0.01	0.01	
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	0.33	0.22	0.46	0.53	0.23	0.06	0.01	0.02	
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	0.26	0.24	0.45	0.53	0.22	0.05	0.01	0.01	
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	0.30	0.21	0.47	0.52	0.23	0.06	0.01	0.01	
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	0.28	0.28	0.48	0.51	0.22	0.06	0.01	0.01	
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	0.24	0.26	0.50	0.53	0.23	0.06	0.01	0.01	
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	0.24	0.30	0.52	0.53	0.23	0.07	0.01	0.01	
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	0.32	0.25	0.51	0.53	0.23	0.06	0.02	0.02	
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	0.33	0.26	0.54	0.54	0.23	0.06	0.01	0.02	
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	0.32	0.31	0.55	0.56	0.23	0.07	0.01	0.01	
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	0.27	0.48	0.57	0.57	0.22	0.07	0.01	0.01	
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	0.28	0.45	0.58	0.56	0.23	0.07	0.01	0.01	
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	0.30	0.45	0.57	0.56	0.22	0.07	0.01	0.01	
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	0.28	0.37	0.57	0.57	0.24	0.08	0.01	0.01	
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	0.34	0.33	0.57	0.56	0.23	0.07	0.01	0.02	
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	0.23	0.58	0.56	0.57	0.22	0.07	0.01	0.01	
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	0.26	0.75	0.61	0.57	0.19	0.05	0.01	0.01	
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	0.34	0.41	0.62	0.57	0.22	0.08	0.01	0.01	
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	0.40	0.30	0.59	0.58	0.24	0.07	0.01	0.02	
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	0.32	0.38	0.62	0.58	0.23	0.08	0.01	0.01	
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	0.36	0.42	0.59	0.58	0.21	0.07	0.01	0.01	
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	0.44	0.39	0.60	0.61	0.22	0.08	0.01	0.02	
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	0.39	0.47	0.64	0.62	0.22	0.09	0.01	0.02	
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	0.51	0.36	0.66	0.65	0.23	0.08	0.02	0.03	
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	0.45	0.37	0.64	0.64	0.23	0.08	0.02	0.03	

BHID	From	To	Length	Sample	Rock Type	Na2O Wt.% 0.01 LOI Free Calc	K2O Wt.% 0.01 LOI Free Calc	Cr2O3 Wt.% 0.01 LOI Free Calc	TiO2 Wt.% 0.01 LOI Free Calc	MnO Wt.% 0.01 LOI Free Calc	P2O5 Wt.% 0.01 LOI Free Calc	SrO Wt.% 0.01 LOI Free Calc	BaO Wt.% 0.01 LOI Free Calc	Total % Wt.% 0.01 LOI Free Calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	0.39	0.39	0.64	0.64	0.22	0.08	0.01	0.02	
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	0.38	0.40	0.65	0.66	0.24	0.08	0.01	0.02	
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	0.45	0.39	0.61	0.65	0.23	0.09	0.02	0.02	
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	0.55	0.30	0.48	0.73	0.22	0.08	0.02	0.04	
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	0.40	0.44	0.67	0.73	0.23	0.09	0.02	0.03	
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	0.58	0.53	0.67	0.78	0.23	0.10	0.02	0.03	
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	0.50	0.56	0.63	0.78	0.23	0.10	0.02	0.03	
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	0.55	0.67	0.66	0.82	0.23	0.10	0.01	0.02	
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	0.41	0.83	0.63	0.82	0.22	0.10	0.01	0.02	
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	0.41	0.91	0.59	0.93	0.20	0.13		0.02	
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	0.61	1.02	0.55	1.02	0.20	0.14	0.01	0.03	
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro									
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	0.61	1.03	0.52	1.11	0.21	0.14	0.01	0.03	
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro									
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	0.55	0.98	0.45	1.22	0.26	0.17	0.02	0.06	
EK-07-02	273.0	274.5	1.5	J564009	Gabbro									
EK-07-02	274.5	275.0	0.5	J564010	Gabbro									
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	1.36	2.07	0.18	1.79	0.20	0.22	0.07	0.04	

BHID	From	To	Length	Sample	Rock Type	Mg#	S	S	Au	Au	Pt	Pt	Pd	Pd	Ni	Cu	Co	Cr
							Wt.%	ppm	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm
							0.01	100	0.001	1	0.005		0.001	1	1	1	1	10
						Calc	S-IR08	Calc	PGM-ICP23	Calc	PGM-ICP23	Calc	PGM-ICP23	Calc	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-MS81
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	72.95	0.07		<0.001		0.046		0.048		684	72	115	1810
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	72.46	0.17		<0.001		0		0.002		587	65	103	1690
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	73.86	0.08		<0.001		0.005		0.002		519	77	88	1940
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	74.99	0.07		<0.001		0		0.001		736	69	116	2010
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	75.81	0.05		<0.001		0		0		778	67	117	1990
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	76.95	0.05		<0.001		0		0.002		845	37	121	2040
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	77.97	0.07		<0.001		0		0.001		796	48	113	2250
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	76.49	0.19		0.015		0.095		0.124		753	597	92	2370
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro		0.13		0.007		0.019		0.036		922	376	123	
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	77.04	0.06		0.003		0.02		0.011		833	146	113	2360
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro		0.14		0.017		0.088		0.075		842	456	110	
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	76.92	0.07		0.002		0		0.001		811	134	116	2460
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	76.58	0.11		0.006		0.038		0.023		392	467	61	2600
EK-07-02	63.0	64.0	1.0	J591569	Dunite		0.16		<0.001		0.01		0.008		682	111	76	
EK-07-02	64.0	65.0	1.0	J591570	Dunite	77.17	0.13		0.002		0.013		0.011		754	238	90	2460
EK-07-02	65.0	66.0	1.0	J591571	Dunite		0.26		0.008		0.019		0.024		1120	709	124	
EK-07-02	66.0	67.0	1.0	J591572	Dunite		0.11		0.003		0.016		0.013		869	199	106	
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	77.97	0.05		<0.001		0.007		0.001		1030	49	133	3110
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	78.73	0.05		<0.001		0.015		0.012		1290	31	162	3530
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	78.57	0.04		0.001		0.017		0.015		1200	63	153	3390
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	78.56	0.06		<0.001		0		0		1170	41	150	3500
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	79.00	0.05		<0.001		0.056		0.061		1180	30	149	3460
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	78.97	0.04		<0.001		0.005		0.001		1200	62	152	3610
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	78.98	0.07		<0.001		0.007		0.003		1080	45	136	3420
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	79.13	0.07		<0.001		0.005		0.001		1180	55	146	3670
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	79.13	0.04		0.001		0.006		0.003		1220	42	151	3750
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	79.13	0.06		0.001		0		0.004		1260	47	154	3770
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	79.12	0.05		0.001		0		0.001		1370	50	166	3950
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	79.29	0.04		<0.001		0.005		0.003		1310	59	154	3950
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	79.41	0.04		0.001		0.005		0.002		1380	70	160	4110
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	79.22	0.04		0.003		0.01		0.008		1400	81	158	4140
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	79.13	0.04		<0.001		0.009		0.004		1430	25	160	4440
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	78.78	0.05		0.001		0.008		0.004		1430	38	159	4490
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	78.82	0.04		<0.001		0.007		0.006		1460	31	158	4410
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	78.67	0.05		0.001		0.013		0.006		1420	46	159	4360
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	78.79	0.04		0.001		0.01		0.013		1440	56	159	4410
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	78.70	0.17		<0.001		0.006		0.005		1400	20	151	4200
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	79.80	0.06		<0.001		0.012		0.011		1460	24	146	4680
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	78.35	0.04		0.001		0.007		0.004		1590	60	168	4650
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	78.43	0.04		0.001		0.009		0.004		1490	82	158	4490
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	78.25	0.05		0.001		0.012		0.009		1590	72	170	4720
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	78.86	0.06		<0.001		0.006		0.002		1540	35	159	4540
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	78.83	0.07		0.004		0.019		0.022		1610	184	160	4590
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	78.97	0.05		<0.001		0.012		0.018		1630	40	161	4930
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	78.13	0.06		0.004		0.018		0.013		1540	109	151	4500
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	78.33	0.07		0.004		0.032		0.046		1580	175	157	4430

BHID	From	To	Length	Sample	Rock Type	Mg#	S	S	Au	Au	Pt	Pt	Pd	Pd	Ni	Cu	Co	Cr
							Wt.%	ppm	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm
							0.01	100	0.001	1	0.005		0.001	1	1	1	1	10
						Calc	S-IR08	Calc	PGM-ICP23	Calc	PGM-ICP23	Calc	PGM-ICP23	Calc	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-MS81
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	78.37	0.05		<0.001		0.015		0.013		1520	101	155	4510
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	77.64	0.07		0.001		0.009		0.012		1470	72	153	4560
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	76.96	0.06		0.001		0.009		0.005		1460	64	152	4160
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	78.43	0.07		0.001		0.008		0.005		1110	76	119	3340
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	78.86	0.06		0.001		0.015		0.011		1510	110	144	4720
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	78.24	0.08		0.001		0.033		0.032		1640	98	140	4600
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	78.65	0.08		0.002		0.031		0.037		1580	87	148	4840
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	78.53	0.09		0.002		0.017		0.015		1540	72	140	4940
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	78.63	0.11		0.001		0.015		0.011		1480	49	144	4860
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	78.32	0.15		0.001		0.014		0.01		1440	51	127	4060
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	76.70	0.18		0.001		0.013		0.011		1370	47	127	4100
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro		0.15		<0.001		0.011		0.009		1320	43	123	
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	76.07	0.15		0.001		0.015		0.014		1290	65	125	3360
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro		0.15		0.001		0.012		0.012		1250	73	122	
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	74.21	0.14		0.002		0.02		0.017		1100	143	117	3330
EK-07-02	273.0	274.5	1.5	J564009	Gabbro		0.12		0.002		0.015		0.013		928	128	105	
EK-07-02	274.5	275.0	0.5	J564010	Gabbro		0.16		0.001		0.013		0.01		860	76	99	
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	65.22	0.24		0.001		0.015		0.01		411	97	73	1250

BHID	From	To	Length	Sample	Rock Type	Ag	Th	Nb	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
						ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
						0.5	0.05	0.2	0.5	0.5	0.03	0.1	0.03	0.03	0.05	0.01	0.05
						ME-4ACD81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	<0.5	0.65	3.1	8.4	19.7	2.66	11.9	2.63	0.85	2.82	0.44	2.34
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	<0.5	0.83	4	10.8	23.5	3.03	13	3.13	0.96	3.36	0.43	2.29
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	<0.5	0.71	4	10.5	23.5	3.14	13.8	3.01	1.09	3.35	0.5	2.86
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	<0.5	0.71	3.6	10.5	22.1	2.9	11.9	2.98	0.95	2.79	0.4	2.32
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	<0.5	0.7	3.3	10.2	20.4	2.71	11.6	2.61	0.83	2.57	0.38	1.9
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	<0.5	0.65	3.1	7.8	18.2	2.43	10.2	2.64	0.74	2.55	0.36	1.76
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	<0.5	0.51	2.4	6.9	16	2.11	9.1	2.35	0.67	2.48	0.31	1.81
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	<0.5	0.78	3.7	8.1	19.5	2.55	12.9	2.6	0.9	3.03	0.38	2.22
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro	<0.5											
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	<0.5	0.59	3.1	7.5	17	2.25	10.5	2.46	0.76	2.44	0.35	1.84
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro	<0.5											
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	<0.5	0.6	3.9	9.8	20	2.69	11.7	3.05	1.04	2.79	0.38	2.01
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	<0.5	0.55	2.9	8.6	17.5	2.42	11.8	2.93	1.14	2.95	0.46	2.51
EK-07-02	63.0	64.0	1.0	J591569	Dunite	<0.5											
EK-07-02	64.0	65.0	1.0	J591570	Dunite	<0.5	0.47	2.6	6.3	15	2.05	9.8	2.34	0.72	2.52	0.28	2.05
EK-07-02	65.0	66.0	1.0	J591571	Dunite	<0.5											
EK-07-02	66.0	67.0	1.0	J591572	Dunite	<0.5											
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	<0.5	0.67	3.4	6.6	16.1	2.13	10.3	2.43	0.7	2.35	0.3	1.8
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	<0.5	0.51	2.8	5	12.6	1.71	8.2	1.8	0.43	1.7	0.22	1.35
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	<0.5	0.5	2.6	5.9	13.6	1.7	7.8	1.89	0.57	1.7	0.24	1.18
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	<0.5	0.46	2.4	5.4	12.2	1.61	7.8	1.99	0.54	1.64	0.23	1.24
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	<0.5	0.51	2.7	5.1	13	1.86	8.5	1.93	0.56	1.76	0.26	1.51
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	<0.5	0.43	2.3	5.7	11.6	1.41	6.9	1.7	0.62	1.68	0.22	1.3
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	<0.5	0.35	2.1	5.4	12	1.53	7.5	1.49	0.45	1.81	0.24	1.36
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	<0.5	0.4	2.2	6.1	11.6	1.47	7.5	1.73	0.57	1.73	0.24	1.22
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	<0.5	0.39	2.2	4.9	11.6	1.5	7.2	1.71	0.45	1.59	0.21	1.2
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	<0.5	0.53	2.4	5.9	12.6	1.66	7.2	1.62	0.52	1.51	0.21	1.22
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	<0.5	0.48	2.8	6.2	13.2	1.77	7.9	1.49	0.57	1.57	0.25	1.12
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	<0.5	0.46	2.4	5.9	12.5	1.56	7.9	1.78	0.64	1.54	0.21	1.19
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	<0.5	0.53	2.7	6.1	13	1.64	8	1.94	0.6	1.5	0.21	1.17
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	<0.5	0.45	2.8	6.5	13.9	1.73	7.8	1.88	0.62	1.73	0.26	1.38
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	<0.5	0.57	3	5.5	12.7	1.73	8	1.71	0.48	1.5	0.25	1.11
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	<0.5	0.54	3	5.7	13.5	1.77	8.4	1.83	0.5	1.69	0.22	1.26
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	<0.5	0.44	2.8	5.4	12.5	1.67	7.7	1.71	0.58	1.53	0.21	1.17
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	<0.5	0.57	3	6.9	14.5	1.83	8.6	1.82	0.61	1.72	0.25	1.23
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	<0.5	0.5	2.9	6.6	14.3	1.84	7.7	2.07	0.52	1.52	0.22	1.14
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	<0.5	0.54	2.9	5	12.4	1.73	7.4	1.93	0.43	1.7	0.23	1.09
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	<0.5	0.6	2.8	4.4	12.2	1.81	9	1.88	0.51	2.01	0.24	1.59
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	<0.5	0.48	2.9	6.4	14.4	1.86	8.5	1.68	0.51	1.62	0.25	1.23
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	<0.5	0.58	3	6.9	14.5	1.8	8.6	1.71	0.57	1.54	0.24	1.31
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	<0.5	0.57	3.1	8.1	16.3	1.97	9.2	1.93	0.53	1.58	0.2	1.17
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	<0.5	0.45	2.8	6.2	14.3	1.94	8.5	2	0.49	1.84	0.25	1.31
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	<0.5	0.69	3.4	8	16.3	2.05	9.9	1.87	0.61	1.66	0.26	1.1
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	<0.5	0.64	3.4	7.4	16.8	2.07	9.9	2.24	0.62	1.85	0.23	1.08
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	<0.5	0.58	3.5	8.1	17.4	2.2	9.9	2.04	0.73	1.92	0.29	1.59
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	<0.5	0.66	3.5	8	17.3	2.12	9.7	2.05	0.71	1.78	0.26	1.52

BHID	From	To	Length	Sample	Rock Type	Ag	Th	Nb	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy
						ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
						0.5	0.05	0.2	0.5	0.5	0.03	0.1	0.03	0.03	0.05	0.01	0.05
						ME-4ACD81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	<0.5	0.53	3.3	8.2	17.5	2.16	10.3	2.33	0.71	2.23	0.25	1.51
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	<0.5	0.6	3.4	8.8	18.2	2.27	10.1	2.22	0.79	2.1	0.26	1.45
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	<0.5	0.61	3.4	8.4	18	2.18	10.1	2.22	0.67	1.91	0.24	1.43
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	<0.5	0.56	3.4	7.6	16.8	2.23	10.3	2.51	0.8	2.24	0.32	1.48
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	<0.5	0.74	3.9	10.3	20.9	2.65	11.8	2.13	0.79	2.29	0.3	1.56
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	<0.5	0.71	4.2	11.4	23.3	2.81	12.5	2.66	0.96	2.42	0.3	1.8
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	<0.5	0.79	4.3	10.2	21.6	2.85	12	2.63	0.92	2.35	0.32	1.68
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	<0.5	0.84	4.5	12.3	24.2	2.85	13.2	2.84	0.84	2.4	0.34	1.57
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	<0.5	0.78	4.3	8	19.7	2.6	12.5	2.69	0.74	2.27	0.31	1.78
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	<0.5	0.91	5	8.5	22.9	3.27	15.1	3.23	0.86	3.05	0.37	1.95
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	<0.5	1.09	6.1	10.5	26.8	3.77	16.8	3.72	1	3.06	0.45	2.33
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro	<0.5											
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	<0.5	1.02	5.6	10.8	26.3	3.55	15.8	3.52	0.97	3.18	0.38	2.31
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro	<0.5											
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	<0.5	1.39	7.4	19.4	35.5	4.67	20	4.35	1.5	3.92	0.54	3.01
EK-07-02	273.0	274.5	1.5	J564009	Gabbro	<0.5											
EK-07-02	274.5	275.0	0.5	J564010	Gabbro	<0.5											
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	<0.5	1.86	10.4	20	41.7	5.53	24.4	5.64	1.52	5.54	0.74	4.21

BHID	From	To	Length	Sample	Rock Type	Ho ppm 0.01 ME-MS81	Er ppm 0.03 ME-MS81	Tm ppm 0.01 ME-MS81	Yb ppm 0.03 ME-MS81	Lu ppm 0.01 ME-MS81	Ba ppm 0.5 ME-MS81	Cs ppm 0.01 ME-MS81	Ga ppm 0.1 ME-MS81	Hf ppm 0.2 ME-MS81	Mo ppm 1 ME-4ACD81	Pb ppm 2 ME-4ACD81
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	0.37	1.2	0.12	0.86	0.12	148.5	0.36	8	1.4	<1	<2
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	0.42	1.34	0.15	0.89	0.14	165.5	0.43	8.5	1.9	<1	2
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	0.43	1.22	0.16	0.92	0.14	199.5	0.3	8.5	1.9	<1	4
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	0.38	1.06	0.11	0.8	0.12	254	0.36	7.3	1.6	<1	6
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	0.31	1.04	0.14	0.87	0.11	247	0.37	6.9	1.6	<1	7
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	0.31	0.83	0.12	0.65	0.1	131	0.34	6.2	1.4	<1	<2
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	0.32	1.03	0.12	0.72	0.1	144	0.3	6.3	1.3	<1	<2
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	0.4	1.29	0.13	0.88	0.14	172.5	0.43	8.4	1.7	<1	3
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro											
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	0.4	0.84	0.11	0.64	0.1	154.5	0.28	7.3	1.4	<1	4
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro											
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	0.4	1.14	0.13	0.69	0.08	282	0.52	7.4	1.6	<1	13
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	0.42	1.05	0.16	0.84	0.13	200	0.34	8.1	1.6	<1	15
EK-07-02	63.0	64.0	1.0	J591569	Dunite											
EK-07-02	64.0	65.0	1.0	J591570	Dunite	0.38	0.88	0.11	0.77	0.11	134.5	0.54	6.8	1.4	<1	5
EK-07-02	65.0	66.0	1.0	J591571	Dunite											
EK-07-02	66.0	67.0	1.0	J591572	Dunite											
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	0.34	0.88	0.14	0.6	0.1	120.5	0.54	7.1	1.3	1	5
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	0.25	0.54	0.1	0.58	0.07	90.4	0.45	5.5	1.3	<1	3
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	0.25	0.55	0.09	0.61	0.05	85.8	0.26	5.6	1	1	3
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	0.26	0.59	0.08	0.48	0.07	76.6	0.18	5.6	0.9	2	<2
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	0.26	0.7	0.07	0.4	0.08	91.9	0.35	5.7	1.3	1	2
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	0.22	0.63	0.07	0.46	0.07	133.5	0.26	5.5	1	2	4
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	0.24	0.63	0.09	0.54	0.07	78.7	0.24	5.1	1	1	4
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	0.22	0.59	0.07	0.48	0.07	115.5	0.29	5.2	1	1	2
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	0.21	0.57	0.08	0.48	0.09	78.7	0.25	5.2	0.9	1	8
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	0.21	0.58	0.08	0.45	0.07	85.8	0.25	4.9	0.9	1	<2
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	0.26	0.75	0.06	0.47	0.07	86.3	0.22	5.6	1.3	1	2
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	0.25	0.57	0.06	0.43	0.07	145	0.25	5.1	1.1	<1	4
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	0.21	0.7	0.08	0.44	0.07	174	0.32	5.2	1.2	1	<2
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	0.23	0.61	0.09	0.55	0.06	119	0.23	5.4	1	1	9
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	0.22	0.55	0.06	0.47	0.07	103.5	0.38	5.5	1.1	1	<2
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	0.21	0.7	0.1	0.54	0.08	96.2	0.46	5.8	1.3	1	<2
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	0.23	0.65	0.08	0.49	0.07	87.6	0.43	5.5	1	2	3
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	0.23	0.66	0.07	0.52	0.06	100.5	0.39	5.5	1.3	2	6
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	0.24	0.49	0.09	0.42	0.09	137	0.19	5.9	0.9	2	3
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	0.23	0.7	0.07	0.4	0.09	94	0.71	6	1.1	1	5
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	0.28	0.73	0.13	0.74	0.1	85.6	0.61	6.2	1.1	<1	6
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	0.21	0.63	0.06	0.56	0.07	98.1	0.27	6.1	1	1	<2
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	0.21	0.64	0.1	0.47	0.05	158	0.28	6.4	1.1	2	5
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	0.24	0.67	0.1	0.48	0.06	108.5	0.19	6.1	1.2	2	3
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	0.24	0.59	0.09	0.5	0.08	105	0.27	6.2	1	1	6
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	0.22	0.55	0.08	0.6	0.08	131.5	0.21	6.8	1.3	2	<2
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	0.27	0.62	0.1	0.6	0.09	162	0.24	6.3	1.2	1	7
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	0.22	0.54	0.07	0.48	0.09	282	0.68	6.3	1.2	1	18
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	0.26	0.62	0.12	0.57	0.08	243	0.4	6.7	1.3	2	8

BHID	From	To	Length	Sample	Rock Type	Ho ppm 0.01 ME-MS81	Er ppm 0.03 ME-MS81	Tm ppm 0.01 ME-MS81	Yb ppm 0.03 ME-MS81	Lu ppm 0.01 ME-MS81	Ba ppm 0.5 ME-MS81	Cs ppm 0.01 ME-MS81	Ga ppm 0.1 ME-MS81	Hf ppm 0.2 ME-MS81	Mo ppm 1 ME-4ACD81	Pb ppm 2 ME-4ACD81
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	0.26	0.74	0.07	0.51	0.07	194	0.36	6.4	1.9	1	4
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	0.23	0.69	0.1	0.58	0.07	202	0.35	6.6	1.4	2	5
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	0.26	0.71	0.08	0.56	0.06	213	0.26	6.3	1.3	1	3
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	0.32	0.8	0.11	0.77	0.09	378	0.75	7.1	1.5	2	30
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	0.27	0.72	0.09	0.56	0.1	253	0.42	7.2	1.4	1	7
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	0.31	0.9	0.12	0.67	0.11	287	0.55	7.6	1.5	1	7
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	0.25	0.82	0.12	0.52	0.08	263	0.52	7.6	1.5	2	10
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	0.32	0.92	0.12	0.7	0.09	176	0.51	7.9	1.8	2	4
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	0.35	0.87	0.11	0.68	0.1	174.5	0.67	8.3	1.7	1	6
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	0.38	1.03	0.15	0.79	0.09	185	0.67	9.1	1.8	2	2
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	0.41	1.18	0.16	0.89	0.11	247	0.77	10.2	2.2	1	5
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro											
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	0.41	0.98	0.13	0.79	0.1	229	0.84	9.4	2	2	2
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro											
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	0.53	1.44	0.16	1.16	0.15	533	1.23	12.5	2.8	2	12
EK-07-02	273.0	274.5	1.5	J564009	Gabbro											
EK-07-02	274.5	275.0	0.5	J564010	Gabbro											
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	0.74	2.12	0.27	1.65	0.21	374	1.15	16.2	3.9	2	4

BHID	From	To	Length	Sample	Rock Type	Rb ppm 0.2 ME-MS81	Sn ppm 1 ME-MS81	Sr ppm 0.1 ME-MS81	Ta ppm 0.1 ME-MS81	Tl ppm 0.5 ME-MS81	U ppm 0.05 ME-MS81	V ppm 5 ME-MS81	W ppm 1 ME-MS81	Y ppm 0.05 ME-MS81	Zn ppm 2 ME-4ACD81	Zr ppm 2 ME-MS81
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	9.1	<1	150	0.1	10	0.16	192	1	9.8	110	53
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	11.3	1	152	0.1	<10	0.19	199	<1	11.2	96	68
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	9.8	1	172.5	0.2	<10	0.2	218	1	11.6	99	73
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	9.4	1	174	0.1	<10	0.21	183	<1	9.9	120	60
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	8.3	1	184	0.1	<10	0.17	170	<1	9.4	113	60
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	11.2	<1	116.5	0.1	10	0.15	152	<1	8.3	87	53
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	8.3	<1	124	<0.1	<10	0.17	160	<1	8.1	84	46
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	15.6	1	143.5	0.1	<10	0.18	170	<1	9.8	77	62
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro											
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	9	1	140.5	<0.1	<10	0.1	153	<1	8.4	107	52
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro											
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	10.6	1	139	0.1	10	0.11	158	1	9.3	160	64
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	8.5	1	176.5	0.1	<10	0.11	207	<1	10.7	96	53
EK-07-02	63.0	64.0	1.0	J591569	Dunite											
EK-07-02	64.0	65.0	1.0	J591570	Dunite	18.5	<1	83.8	<0.1	<10	0.15	160	<1	8.4	65	47
EK-07-02	65.0	66.0	1.0	J591571	Dunite											
EK-07-02	66.0	67.0	1.0	J591572	Dunite											
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	13.9	1	105.5	0.1	<10	0.2	122	1	8.1	91	56
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	14.2	<1	63.3	<0.1	<10	0.15	100	<1	5.9	105	46
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	7.2	1	80.1	<0.1	<10	0.1	111	<1	5.7	107	42
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	7.1	1	81.8	<0.1	<10	0.1	106	<1	5.6	102	36
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	10.5	1	56.5	<0.1	<10	0.13	114	<1	6.3	101	43
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	5.1	<1	77.4	<0.1	<10	0.1	116	<1	5.5	127	36
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	5.8	1	49	<0.1	<10	0.1	115	<1	5.6	103	35
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	5.3	1	63.1	<0.1	<10	0.11	111	1	5.4	113	35
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	7.2	<1	72.7	<0.1	<10	0.09	101	1	5.3	110	35
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	6	1	58.4	<0.1	<10	0.07	103	1	5.2	106	37
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	7.1	1	66.5	<0.1	<10	0.11	96	<1	5	109	42
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	6	<1	98.1	<0.1	<10	0.11	105	<1	5.2	122	37
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	6.1	1	98.2	<0.1	<10	0.11	96	<1	5.3	133	41
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	7.1	1	93.5	<0.1	<10	0.11	102	<1	5.4	122	41
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	12.3	<1	75.9	<0.1	<10	0.13	102	<1	5.3	105	42
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	11.1	1	68.9	0.1	<10	0.08	99	<1	5.2	120	44
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	11.5	1	75	<0.1	<10	0.14	102	<1	5.3	113	39
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	8.9	1	64.1	0.1	<10	0.17	99	<1	5.4	114	45
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	8.2	1	94.6	<0.1	<10	0.13	108	<1	5.7	120	41
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	15.5	<1	40.2	<0.1	10	0.22	112	1	5.7	142	45
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	21.5	1	49.2	<0.1	<10	0.55	113	<1	7.2	88	45
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	10.2	1	81.1	<0.1	<10	0.13	108	<1	5.5	123	41
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	7.2	1	105.5	<0.1	<10	0.09	109	1	5.7	147	41
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	9.4	1	89.1	<0.1	<10	0.16	106	<1	5.7	126	46
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	11.5	1	85.1	<0.1	<10	0.11	112	<1	5.7	108	42
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	9.3	1	120	0.1	<10	0.18	108	<1	6	122	53
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	12	1	106	0.1	<10	0.17	109	<1	6	122	49
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	8.3	1	141.5	0.2	<10	0.14	118	1	6.2	166	47
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	9.1	1	142.5	0.2	<10	0.19	126	<1	6.2	152	48

BHID	From	To	Length	Sample	Rock Type	Rb ppm 0.2 ME-MS81	Sn ppm 1 ME-MS81	Sr ppm 0.1 ME-MS81	Ta ppm 0.1 ME-MS81	Tl ppm 0.5 ME-MS81	U ppm 0.05 ME-MS81	V ppm 5 ME-MS81	W ppm 1 ME-MS81	Y ppm 0.05 ME-MS81	Zn ppm 2 ME-4ACD81	Zr ppm 2 ME-MS81
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	10.2	1	117	0.2	<10	0.31	125	<1	6.6	131	48
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	10.1	1	110.5	0.2	<10	0.2	129	<1	6.6	132	46
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	9.8	1	128	0.2	<10	0.2	128	<1	6.6	137	49
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	7.3	1	133.5	0.2	<10	0.15	142	1	7.7	180	48
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	11.2	1	131.5	0.3	<10	0.19	128	<1	7.3	131	54
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	12.5	1	139.5	0.2	<10	0.21	139	<1	7.6	136	51
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	14.2	1	126	0.1	<10	0.21	134	1	7.4	141	59
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	16.1	1	105	0.1	<10	0.19	134	<1	8.1	112	68
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	19.3	1	62.1	0.2	<10	0.25	134	<1	7.9	102	67
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	21.9	1	34.9	0.4	<10	0.21	156	<1	9.1	98	77
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	26.9	1	67.2	0.5	<10	0.27	172	<1	10.9	96	87
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro											
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	23.4	1	90.1	0.4	<10	0.3	180	1	10.2	92	83
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro											
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	26.3	1	196	0.5	<10	0.39	194	1	13.3	168	110
EK-07-02	273.0	274.5	1.5	J564009	Gabbro											
EK-07-02	274.5	275.0	0.5	J564010	Gabbro											
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	47.2	<1	509	0.8	<10	0.42	258	1	18.5	45	151

BHID	From	To	Length	Sample	Rock Type	As ppm 5 ME-4ACD81	Cd ppm 0.5 ME-4ACD81	Li ppm 10 ME-4ACD81	Sc ppm 1 ME-4ACD81	Th PM 0.09 PM Norm calc	Nb PM 0.71 PM Norm calc	La PM 0.69 PM Norm calc	Ce PM 1.78 PM Norm calc	Pr PM 0.28 PM Norm calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	<5	0.6	10	30	7.65	4.35	12.23	11.10	9.64
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	<5	0.9	10	31	9.76	5.61	15.72	13.24	10.98
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	<5	0.5	10	34	8.35	5.61	15.28	13.24	11.38
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	<5	0.5	10	27	8.35	5.05	15.28	12.45	10.51
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	<5	0.8	<10	24	8.24	4.63	14.85	11.49	9.82
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	<5	0.5	10	22	7.65	4.35	11.35	10.25	8.80
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	<5	0.5	10	26	6.00	3.37	10.04	9.01	7.64
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	<5	0.7	10	33	9.18	5.19	11.79	10.99	9.24
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro					0.00	0.00	0.00	0.00	0.00
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	<5	0.6	10	25	6.94	4.35	10.92	9.58	8.15
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro					0.00	0.00	0.00	0.00	0.00
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	<5	1	<10	26	7.06	5.47	14.26	11.27	9.75
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	<5	0.6	10	45	6.47	4.07	12.52	9.86	8.77
EK-07-02	63.0	64.0	1.0	J591569	Dunite					0.00	0.00	0.00	0.00	0.00
EK-07-02	64.0	65.0	1.0	J591570	Dunite	<5	0.6	10	34	5.53	3.65	9.17	8.45	7.43
EK-07-02	65.0	66.0	1.0	J591571	Dunite					0.00	0.00	0.00	0.00	0.00
EK-07-02	66.0	67.0	1.0	J591572	Dunite					0.00	0.00	0.00	0.00	0.00
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	<5	<0.5	10	19	7.88	4.77	9.61	9.07	7.72
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	<5	<0.5	10	11	6.00	3.93	7.28	7.10	6.20
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	<5	<0.5	<10	17	5.88	3.65	8.59	7.66	6.16
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	<5	<0.5	<10	17	5.41	3.37	7.86	6.87	5.83
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	<5	<0.5	<10	19	6.00	3.79	7.42	7.32	6.74
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	<5	<0.5	<10	18	5.06	3.23	8.30	6.54	5.11
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	<5	<0.5	10	19	4.12	2.95	7.86	6.76	5.54
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	<5	<0.5	<10	16	4.71	3.09	8.88	6.54	5.33
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	<5	<0.5	<10	16	4.59	3.09	7.13	6.54	5.43
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	<5	<0.5	<10	14	6.24	3.37	8.59	7.10	6.01
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	<5	<0.5	<10	11	5.65	3.93	9.02	7.44	6.41
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	<5	<0.5	<10	14	5.41	3.37	8.59	7.04	5.65
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	<5	<0.5	<10	12	6.24	3.79	8.88	7.32	5.94
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	<5	<0.5	<10	12	5.29	3.93	9.46	7.83	6.27
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	<5	<0.5	<10	10	6.71	4.21	8.01	7.15	6.27
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	<5	<0.5	<10	10	6.35	4.21	8.30	7.61	6.41
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	<5	<0.5	10	11	5.18	3.93	7.86	7.04	6.05
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	<5	<0.5	10	11	6.71	4.21	10.04	8.17	6.63
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	<5	<0.5	10	12	5.88	4.07	9.61	8.06	6.67
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	<5	<0.5	10	12	6.35	4.07	7.28	6.99	6.27
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	<5	<0.5	10	12	7.06	3.93	6.40	6.87	6.56
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	<5	<0.5	<10	11	5.65	4.07	9.32	8.11	6.74
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	<5	<0.5	<10	13	6.82	4.21	10.04	8.17	6.52
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	<5	<0.5	<10	11	6.71	4.35	11.79	9.18	7.14
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	<5	<0.5	<10	13	5.29	3.93	9.02	8.06	7.03
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	<5	<0.5	<10	11	8.12	4.77	11.64	9.18	7.43
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	<5	<0.5	<10	11	7.53	4.77	10.77	9.46	7.50
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	<5	<0.5	<10	11	6.82	4.91	11.79	9.80	7.97
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	<5	<0.5	<10	12	7.76	4.91	11.64	9.75	7.68

BHID	From	To	Length	Sample	Rock Type	As	Cd	Li	Sc	Th	Nb	La	Ce	Pr
						ppm	ppm	ppm	ppm	PM	PM	PM	PM	PM
						5	0.5	10	1	0.09	0.71	0.69	1.78	0.28
						ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	<5	<0.5	10	12	6.24	4.63	11.94	9.86	7.83
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	<5	<0.5	10	12	7.06	4.77	12.81	10.25	8.22
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	<5	<0.5	10	13	7.18	4.77	12.23	10.14	7.90
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	<5	<0.5	<10	21	6.59	4.77	11.06	9.46	8.08
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	<5	<0.5	<10	11	8.71	5.47	14.99	11.77	9.60
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	<5	<0.5	10	12	8.35	5.89	16.59	13.13	10.18
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	<5	<0.5	10	12	9.29	6.03	14.85	12.17	10.33
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	<5	<0.5	10	13	9.88	6.31	17.90	13.63	10.33
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	<5	<0.5	10	13	9.18	6.03	11.64	11.10	9.42
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	<5	<0.5	20	14	10.71	7.01	12.37	12.90	11.85
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	<5	<0.5	10	15	12.82	8.56	15.28	15.10	13.66
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro					0.00	0.00	0.00	0.00	0.00
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	<5	<0.5	30	16	12.00	7.85	15.72	14.82	12.86
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro					0.00	0.00	0.00	0.00	0.00
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	<5	<0.5	30	17	16.35	10.38	28.24	20.00	16.92
EK-07-02	273.0	274.5	1.5	J564009	Gabbro					0.00	0.00	0.00	0.00	0.00
EK-07-02	274.5	275.0	0.5	J564010	Gabbro					0.00	0.00	0.00	0.00	0.00
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	<5	<0.5	20	23	21.88	14.59	29.11	23.49	20.04

BHID	From	To	Length	Sample	Rock Type	Nd PM 1.35 PM Norm calc	Sm PM 0.44 PM Norm calc	Eu PM 0.17 PM Norm calc	Gd PM 0.60 PM Norm calc	Tb PM 0.11 PM Norm calc	Dy PM 0.74 PM Norm calc	Ho PM 0.16 PM Norm calc	Er PM 0.48 PM Norm calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	8.79	5.92	5.06	4.73	4.07	3.18	2.26	2.50
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	9.60	7.05	5.71	5.64	3.98	3.11	2.56	2.79
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	10.19	6.78	6.49	5.62	4.63	3.88	2.62	2.54
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	8.79	6.71	5.65	4.68	3.70	3.15	2.32	2.21
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	8.57	5.88	4.94	4.31	3.52	2.58	1.89	2.17
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	7.53	5.95	4.40	4.28	3.33	2.39	1.89	1.73
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	6.72	5.29	3.99	4.16	2.87	2.46	1.95	2.15
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	9.53	5.86	5.36	5.08	3.52	3.01	2.44	2.69
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	7.75	5.54	4.52	4.09	3.24	2.50	2.44	1.75
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	8.64	6.87	6.19	4.68	3.52	2.73	2.44	2.38
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	8.71	6.60	6.79	4.95	4.26	3.41	2.56	2.19
EK-07-02	63.0	64.0	1.0	J591569	Dunite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	64.0	65.0	1.0	J591570	Dunite	7.24	5.27	4.29	4.23	2.59	2.78	2.32	1.83
EK-07-02	65.0	66.0	1.0	J591571	Dunite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	66.0	67.0	1.0	J591572	Dunite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	7.61	5.47	4.17	3.94	2.78	2.44	2.07	1.83
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	6.06	4.05	2.56	2.85	2.04	1.83	1.52	1.13
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	5.76	4.26	3.39	2.85	2.22	1.60	1.52	1.15
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	5.76	4.48	3.21	2.75	2.13	1.68	1.59	1.23
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	6.28	4.35	3.33	2.95	2.41	2.05	1.59	1.46
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	5.10	3.83	3.69	2.82	2.04	1.76	1.34	1.31
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	5.54	3.36	2.68	3.04	2.22	1.85	1.46	1.31
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	5.54	3.90	3.39	2.90	2.22	1.66	1.34	1.23
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	5.32	3.85	2.68	2.67	1.94	1.63	1.28	1.19
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	5.32	3.65	3.10	2.53	1.94	1.66	1.28	1.21
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	5.83	3.36	3.39	2.63	2.31	1.52	1.59	1.56
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	5.83	4.01	3.81	2.58	1.94	1.61	1.52	1.19
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	5.91	4.37	3.57	2.52	1.94	1.59	1.28	1.46
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	5.76	4.23	3.69	2.90	2.41	1.87	1.40	1.27
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	5.91	3.85	2.86	2.52	2.31	1.51	1.34	1.15
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	6.20	4.12	2.98	2.84	2.04	1.71	1.28	1.46
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	5.69	3.85	3.45	2.57	1.94	1.59	1.40	1.35
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	6.35	4.10	3.63	2.89	2.31	1.67	1.40	1.38
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	5.69	4.66	3.10	2.55	2.04	1.55	1.46	1.02
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	5.47	4.35	2.56	2.85	2.13	1.48	1.40	1.46
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	6.65	4.23	3.04	3.37	2.22	2.16	1.71	1.52
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	6.28	3.78	3.04	2.72	2.31	1.67	1.28	1.31
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	6.35	3.85	3.39	2.58	2.22	1.78	1.28	1.33
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	6.79	4.35	3.15	2.65	1.85	1.59	1.46	1.40
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	6.28	4.50	2.92	3.09	2.31	1.78	1.46	1.23
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	7.31	4.21	3.63	2.79	2.41	1.49	1.34	1.15
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	7.31	5.05	3.69	3.10	2.13	1.47	1.65	1.29
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	7.31	4.59	4.35	3.22	2.69	2.16	1.34	1.13
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	7.16	4.62	4.23	2.99	2.41	2.06	1.59	1.29

BHID	From	To	Length	Sample	Rock Type	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
						PM	PM	PM	PM	PM	PM	PM	PM
						1.35	0.44	0.17	0.60	0.11	0.74	0.16	0.48
						PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	7.61	5.25	4.23	3.74	2.31	2.05	1.59	1.54
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	7.46	5.00	4.70	3.52	2.41	1.97	1.40	1.44
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	7.46	5.00	3.99	3.20	2.22	1.94	1.59	1.48
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	7.61	5.65	4.76	3.76	2.96	2.01	1.95	1.67
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	8.71	4.80	4.70	3.84	2.78	2.12	1.65	1.50
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	9.23	5.99	5.71	4.06	2.78	2.44	1.89	1.88
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	8.86	5.92	5.48	3.94	2.96	2.28	1.52	1.71
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	9.75	6.40	5.00	4.03	3.15	2.13	1.95	1.92
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	9.23	6.06	4.40	3.81	2.87	2.42	2.13	1.81
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	11.15	7.27	5.12	5.12	3.43	2.65	2.32	2.15
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	12.41	8.38	5.95	5.13	4.17	3.16	2.50	2.46
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	11.67	7.93	5.77	5.34	3.52	3.13	2.50	2.04
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	14.77	9.80	8.93	6.58	5.00	4.08	3.23	3.00
EK-07-02	273.0	274.5	1.5	J564009	Gabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	274.5	275.0	0.5	J564010	Gabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	18.02	12.70	9.05	9.30	6.85	5.71	4.51	4.42

BHID	From	To	Length	Sample	Rock Type	Tm PM 0.07 PM Norm calc	Yb PM 0.49 PM Norm calc	Lu PM 0.07 PM Norm calc	Gd/Yb Calc	La/Sm Calc	Th/Yb Calc	Th CH 0.03 CH Norm calc	Nb CH 0.25 CH Norm calc	La CH 0.24 CH Norm calc	Ce CH 0.61 CH Norm calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	1.62	1.74	1.62	2.71	2.06	4.38	22.41	12.60	35.44	32.19
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	2.03	1.81	1.89	3.12	2.23	5.41	28.62	16.26	45.57	38.40
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	2.16	1.87	1.89	3.01	2.25	4.48	24.48	16.26	44.30	38.40
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	1.49	1.62	1.62	2.88	2.28	5.15	24.48	14.63	44.30	36.11
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	1.89	1.76	1.49	2.44	2.53	4.67	24.14	13.41	43.04	33.33
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	1.62	1.32	1.35	3.25	1.91	5.80	22.41	12.60	32.91	29.74
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	1.62	1.46	1.35	2.85	1.90	4.11	17.59	9.76	29.11	26.14
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	1.76	1.78	1.89	2.85	2.01	5.14	26.90	15.04	34.18	31.86
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	1.49	1.30	1.35	3.15	1.97	5.35	20.34	12.60	31.65	27.78
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	1.76	1.40	1.08	3.34	2.08	5.04	20.69	15.85	41.35	32.68
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	2.16	1.70	1.76	2.90	1.90	3.80	18.97	11.79	36.29	28.59
EK-07-02	63.0	64.0	1.0	J591569	Dunite	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	64.0	65.0	1.0	J591570	Dunite	1.49	1.56	1.49	2.71	1.74	3.54	16.21	10.57	26.58	24.51
EK-07-02	65.0	66.0	1.0	J591571	Dunite	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	66.0	67.0	1.0	J591572	Dunite	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	1.89	1.22	1.35	3.24	1.76	6.48	23.10	13.82	27.85	26.31
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	1.35	1.18	0.95	2.42	1.80	5.10	17.59	11.38	21.10	20.59
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	1.22	1.24	0.68	2.31	2.02	4.75	17.24	10.57	24.89	22.22
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	1.08	0.97	0.95	2.83	1.75	5.56	15.86	9.76	22.78	19.93
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	0.95	0.81	1.08	3.64	1.71	7.40	17.59	10.98	21.52	21.24
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	0.95	0.93	0.95	3.02	2.17	5.42	14.83	9.35	24.05	18.95
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	1.22	1.10	0.95	2.77	2.34	3.76	12.07	8.54	22.78	19.61
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	0.95	0.97	0.95	2.98	2.28	4.83	13.79	8.94	25.74	18.95
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	1.08	0.97	1.22	2.74	1.85	4.71	13.45	8.94	20.68	18.95
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	1.08	0.91	0.95	2.78	2.35	6.83	18.28	9.76	24.89	20.59
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	0.81	0.95	0.95	2.76	2.69	5.92	16.55	11.38	26.16	21.57
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	0.81	0.87	0.95	2.96	2.14	6.20	15.86	9.76	24.89	20.42
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	1.08	0.89	0.95	2.82	2.03	6.99	18.28	10.98	25.74	21.24
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	1.22	1.12	0.81	2.60	2.23	4.75	15.52	11.38	27.43	22.71
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	0.81	0.95	0.95	2.64	2.08	7.03	19.66	12.20	23.21	20.75
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	1.35	1.10	1.08	2.59	2.01	5.80	18.62	12.20	24.05	22.06
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	1.08	0.99	0.95	2.58	2.04	5.21	15.17	11.38	22.78	20.42
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	0.95	1.05	0.81	2.74	2.45	6.36	19.66	12.20	29.11	23.69
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	1.22	0.85	1.22	2.99	2.06	6.90	17.24	11.79	27.85	23.37
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	0.95	0.81	1.22	3.52	1.67	7.83	18.62	11.79	21.10	20.26
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	1.76	1.50	1.35	2.25	1.51	4.70	20.69	11.38	18.57	19.93
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	0.81	1.14	0.95	2.39	2.46	4.97	16.55	11.79	27.00	23.53
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	1.35	0.95	0.68	2.71	2.61	7.16	20.00	12.20	29.11	23.69
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	1.35	0.97	0.81	2.72	2.71	6.89	19.66	12.60	34.18	26.63
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	1.22	1.01	1.08	3.04	2.00	5.22	15.52	11.38	26.16	23.37
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	1.08	1.22	1.08	2.29	2.76	6.67	23.79	13.82	33.76	26.63
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	1.35	1.22	1.22	2.55	2.14	6.19	22.07	13.82	31.22	27.45
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	0.95	0.97	1.22	3.31	2.57	7.01	20.00	14.23	34.18	28.43
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	1.62	1.16	1.08	2.58	2.52	6.72	22.76	14.23	33.76	28.27

BHID	From	To	Length	Sample	Rock Type	Tm PM 0.07 PM Norm calc	Yb PM 0.49 PM Norm calc	Lu PM 0.07 PM Norm calc	Gd/Yb Calc	La/Sm Calc	Th/Yb Calc	Th CH 0.03 CH Norm calc	Nb CH 0.25 CH Norm calc	La CH 0.24 CH Norm calc	Ce CH 0.61 CH Norm calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	0.95	1.03	0.95	3.62	2.27	6.03	18.28	13.41	34.60	28.59
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	1.35	1.18	0.95	2.99	2.56	6.00	20.69	13.82	37.13	29.74
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	1.08	1.14	0.81	2.82	2.45	6.32	21.03	13.82	35.44	29.41
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	1.49	1.56	1.22	2.41	1.96	4.22	19.31	13.82	32.07	27.45
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	1.22	1.14	1.35	3.38	3.13	7.66	25.52	15.85	43.46	34.15
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	1.62	1.36	1.49	2.99	2.77	6.15	24.48	17.07	48.10	38.07
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	1.62	1.05	1.08	3.74	2.51	8.81	27.24	17.48	43.04	35.29
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	1.62	1.42	1.22	2.84	2.80	6.96	28.97	18.29	51.90	39.54
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	1.49	1.38	1.35	2.76	1.92	6.65	26.90	17.48	33.76	32.19
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	2.03	1.60	1.22	3.19	1.70	6.68	31.38	20.33	35.86	37.42
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	2.16	1.81	1.49	2.84	1.82	7.10	37.59	24.80	44.30	43.79
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	1.76	1.60	1.35	3.33	1.98	7.49	35.17	22.76	45.57	42.97
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	2.16	2.35	2.03	2.80	2.88	6.95	47.93	30.08	81.86	58.01
EK-07-02	273.0	274.5	1.5	J564009	Gabbro	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	274.5	275.0	0.5	J564010	Gabbro	0.00	0.00	0.00				0.00	0.00	0.00	0.00
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	3.65	3.35	2.84	2.78	2.29	6.54	64.14	42.28	84.39	68.14

BHID	From	To	Length	Sample	Rock Type	Pr CH 0.10 CH Norm calc	Nd CH 0.47 CH Norm calc	Sm CH 0.15 CH Norm calc	Eu CH 0.06 CH Norm calc	Gd CH 0.21 CH Norm calc	Tb CH 0.04 CH Norm calc	Dy CH 0.25 CH Norm calc	Ho CH 0.06 CH Norm calc	Er CH 0.17 CH Norm calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	28.00	25.48	17.19	14.66	13.72	11.76	9.21	6.54	7.25
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	31.89	27.84	20.46	16.55	16.35	11.50	9.02	7.42	8.10
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	33.05	29.55	19.67	18.79	16.30	13.37	11.26	7.60	7.37
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	30.53	25.48	19.48	16.38	13.58	10.70	9.13	6.71	6.40
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	28.53	24.84	17.06	14.31	12.51	10.16	7.48	5.48	6.28
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	25.58	21.84	17.25	12.76	12.41	9.63	6.93	5.48	5.02
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	22.21	19.49	15.36	11.55	12.07	8.29	7.13	5.65	6.22
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	26.84	27.62	16.99	15.52	14.74	10.16	8.74	7.07	7.79
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	23.68	22.48	16.08	13.10	11.87	9.36	7.24	7.07	5.08
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	28.32	25.05	19.93	17.93	13.58	10.16	7.91	7.07	6.89
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	25.47	25.27	19.15	19.66	14.36	12.30	9.88	7.42	6.34
EK-07-02	63.0	64.0	1.0	J591569	Dunite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	64.0	65.0	1.0	J591570	Dunite	21.58	20.99	15.29	12.41	12.26	7.49	8.07	6.71	5.32
EK-07-02	65.0	66.0	1.0	J591571	Dunite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	66.0	67.0	1.0	J591572	Dunite	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	22.42	22.06	15.88	12.07	11.44	8.02	7.09	6.01	5.32
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	18.00	17.56	11.76	7.41	8.27	5.88	5.31	4.42	3.26
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	17.89	16.70	12.35	9.83	8.27	6.42	4.65	4.42	3.32
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	16.95	16.70	13.01	9.31	7.98	6.15	4.88	4.59	3.56
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	19.58	18.20	12.61	9.66	8.56	6.95	5.94	4.59	4.23
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	14.84	14.78	11.11	10.69	8.18	5.88	5.12	3.89	3.81
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	16.11	16.06	9.74	7.76	8.81	6.42	5.35	4.24	3.81
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	15.47	16.06	11.31	9.83	8.42	6.42	4.80	3.89	3.56
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	15.79	15.42	11.18	7.76	7.74	5.61	4.72	3.71	3.44
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	17.47	15.42	10.59	8.97	7.35	5.61	4.80	3.71	3.50
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	18.63	16.92	9.74	9.83	7.64	6.68	4.41	4.59	4.53
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	16.42	16.92	11.63	11.03	7.49	5.61	4.69	4.42	3.44
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	17.26	17.13	12.68	10.34	7.30	5.61	4.61	3.71	4.23
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	18.21	16.70	12.29	10.69	8.42	6.95	5.43	4.06	3.69
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	18.21	17.13	11.18	8.28	7.30	6.68	4.37	3.89	3.32
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	18.63	17.99	11.96	8.62	8.22	5.88	4.96	3.71	4.23
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	17.58	16.49	11.18	10.00	7.45	5.61	4.61	4.06	3.93
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	19.26	18.42	11.90	10.52	8.37	6.68	4.84	4.06	3.99
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	19.37	16.49	13.53	8.97	7.40	5.88	4.49	4.24	2.96
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	18.21	15.85	12.61	7.41	8.27	6.15	4.29	4.06	4.23
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	19.05	19.27	12.29	8.79	9.78	6.42	6.26	4.95	4.41
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	19.58	18.20	10.98	8.79	7.88	6.68	4.84	3.71	3.81
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	18.95	18.42	11.18	9.83	7.49	6.42	5.16	3.71	3.87
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	20.74	19.70	12.61	9.14	7.69	5.35	4.61	4.24	4.05
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	20.42	18.20	13.07	8.45	8.95	6.68	5.16	4.24	3.56
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	21.58	21.20	12.22	10.52	8.08	6.95	4.33	3.89	3.32
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	21.79	21.20	14.64	10.69	9.00	6.15	4.25	4.77	3.75
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	23.16	21.20	13.33	12.59	9.34	7.75	6.26	3.89	3.26
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	22.32	20.77	13.40	12.24	8.66	6.95	5.98	4.59	3.75

BHID	From	To	Length	Sample	Rock Type	Pr CH 0.10 CH Norm calc	Nd CH 0.47 CH Norm calc	Sm CH 0.15 CH Norm calc	Eu CH 0.06 CH Norm calc	Gd CH 0.21 CH Norm calc	Tb CH 0.04 CH Norm calc	Dy CH 0.25 CH Norm calc	Ho CH 0.06 CH Norm calc	Er CH 0.17 CH Norm calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	22.74	22.06	15.23	12.24	10.85	6.68	5.94	4.59	4.47
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	23.89	21.63	14.51	13.62	10.22	6.95	5.71	4.06	4.17
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	22.95	21.63	14.51	11.55	9.29	6.42	5.63	4.59	4.29
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	23.47	22.06	16.41	13.79	10.90	8.56	5.83	5.65	4.83
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	27.89	25.27	13.92	13.62	11.14	8.02	6.14	4.77	4.35
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	29.58	26.77	17.39	16.55	11.78	8.02	7.09	5.48	5.44
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	30.00	25.70	17.19	15.86	11.44	8.56	6.61	4.42	4.95
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	30.00	28.27	18.56	14.48	11.68	9.09	6.18	5.65	5.56
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	27.37	26.77	17.58	12.76	11.05	8.29	7.01	6.18	5.26
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	34.42	32.33	21.11	14.83	14.84	9.89	7.68	6.71	6.22
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	39.68	35.97	24.31	17.24	14.89	12.03	9.17	7.24	7.13
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	37.37	33.83	23.01	16.72	15.47	10.16	9.09	7.24	5.92
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	49.16	42.83	28.43	25.86	19.08	14.44	11.85	9.36	8.70
EK-07-02	273.0	274.5	1.5	J564009	Gabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	274.5	275.0	0.5	J564010	Gabbro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	58.21	52.25	36.86	26.21	26.96	19.79	16.57	13.07	12.81

BHID	From	To	Length	Sample	Rock Type	Tm CH 0.03 CH Norm calc	Yb CH 0.17 CH Norm calc	Lu CH 0.03 CH Norm calc	Gd/Yb Calc	La/Sm Calc	Pt+Pd ppm Calc	Al2O3/CaO Calc	Ce/Yb PM Calc	Expected Ni Calc	Ni/Ni* Calc	Cu/Zr Calc	Cu/Pd Calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	4.71		4.72		2.06	0.09	0.43	6.36	961.37	0.71	1.36	1.50
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	5.88		5.51		2.23	0.00	0.44	7.33	847.57	0.69	0.96	32.50
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	6.27		5.51		2.25	0.01	0.39	7.09	782.42	0.66	1.05	38.50
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	4.31		4.72		2.27	0.00	0.43	7.67	1075.50	0.68	1.15	69.00
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	5.49		4.33		2.52	0.00	0.46	6.51	1215.28	0.64	1.12	
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	4.71		3.94		1.91	0.00	0.46	7.78	1386.84	0.61	0.70	18.50
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	4.71		3.94		1.90	0.00	0.37	6.17	1309.46	0.61	1.04	48.00
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	5.10		5.51		2.01	0.22	0.37	6.15	950.25	0.79	9.63	4.81
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro	0.00		0.00			0.06						10.44
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	4.31		3.94		1.97	0.03	0.44	7.38	1293.37	0.64	2.81	13.27
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro	0.00		0.00			0.16						6.08
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	5.10		3.15		2.07	0.00	0.43	8.05	1294.80	0.63	2.09	134.00
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	6.27		5.12		1.89	0.06	0.30	5.79	602.29	0.65	8.81	20.30
EK-07-02	63.0	64.0	1.0	J591569	Dunite	0.00		0.00			0.02						13.88
EK-07-02	64.0	65.0	1.0	J591570	Dunite	4.31		4.33		1.74	0.02	0.32	5.41	993.16	0.76	5.06	21.64
EK-07-02	65.0	66.0	1.0	J591571	Dunite	0.00		0.00			0.04						29.54
EK-07-02	66.0	67.0	1.0	J591572	Dunite	0.00		0.00			0.03						15.31
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	5.49		3.94		1.75	0.01	0.60	7.45	1608.74	0.64	0.88	49.00
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	3.92		2.76		1.79	0.03	0.94	6.03	2205.21	0.58	0.67	2.58
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	3.53		1.97		2.02	0.03	0.51	6.19	1935.47	0.62	1.50	4.20
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	3.14		2.76		1.75	0.00	0.51	7.06	1915.23	0.61	1.14	
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	2.75		3.15		1.71	0.12	0.44	9.03	1901.43	0.62	0.70	0.49
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	2.75		2.76		2.16	0.01	0.47	7.00	1968.46	0.61	1.72	62.00
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	3.53		2.76		2.34	0.01	0.43	6.17	1879.60	0.57	1.29	15.00
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	2.75		2.76		2.28	0.01	0.48	6.71	2022.96	0.58	1.57	55.00
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	3.14		3.54		1.85	0.01	0.53	6.71	2067.20	0.59	1.20	14.00
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	3.14		2.76		2.35	0.00	0.60	7.78	2151.23	0.59	1.27	11.75
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	2.35		2.76		2.69	0.00	0.93	7.80	2346.12	0.58	1.19	50.00
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	2.35		2.76		2.14	0.01	0.62	8.07	2118.42	0.62	1.59	19.67
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	3.14		2.76		2.03	0.01	0.76	8.21	2230.43	0.62	1.71	35.00
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	3.53		2.36		2.23	0.02	0.81	7.02	2248.16	0.62	1.98	10.13
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	2.35		2.76		2.08	0.01	1.11	7.51	2326.85	0.61	0.60	6.25
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	3.92		3.15		2.01	0.01	1.05	6.94	2282.74	0.63	0.86	9.50
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	3.14		2.76		2.04	0.01	1.01	7.09	2238.83	0.65	0.79	5.17
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	2.75		2.36		2.45	0.02	0.96	7.74	2199.26	0.65	1.02	7.67
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	3.53		3.54		2.06	0.02	0.94	9.46	2214.74	0.65	1.37	4.31
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	2.75		3.54		1.67	0.01	0.86	8.61	2063.32	0.68	0.44	4.00
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	5.10		3.94		1.51	0.02	0.70	4.58	2113.13	0.69	0.53	2.18
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	2.35		2.76		2.46	0.01	1.01	7.14	2184.40	0.73	1.46	15.00
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	3.92		1.97		2.60	0.01	0.79	8.57	2118.51	0.70	2.00	20.50
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	3.92		2.36		2.71	0.02	1.03	9.43	2268.20	0.70	1.57	8.00
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	3.53		3.15		2.00	0.01	0.85	7.94	2133.10	0.72	0.83	17.50
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	3.14		3.15		2.76	0.04	1.06	7.55	2173.42	0.74	3.47	8.36
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	3.92		3.54		2.13	0.03	1.07	7.78	2157.91	0.76	0.82	2.22
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	2.75		3.54		2.56	0.03	1.16	10.07	1962.95	0.78	2.32	8.38
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	4.71		3.15		2.52	0.08	1.12	8.43	1972.76	0.80	3.65	3.80

BHID	From	To	Length	Sample	Rock Type	Tm CH 0.03 CH Norm calc	Yb CH 0.17 CH Norm calc	Lu CH 0.03 CH Norm calc	Gd/Yb Calc	La/Sm Calc	Pt+Pd ppm Calc	Al2O3/CaO Calc	Ce/Yb PM Calc	Expected Ni Calc	Ni/Ni* Calc	Cu/Zr Calc	Cu/Pd Calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	2.75		2.76		2.27	0.03	1.08	9.53	1975.25	0.77	2.10	7.77
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	3.92		2.76		2.56	0.02	1.09	8.72	1942.30	0.76	1.57	6.00
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	3.14		2.36		2.44	0.01	0.95	8.93	1843.76	0.79	1.31	12.80
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	4.31		3.54		1.95	0.01	0.51	6.06	1487.65	0.75	1.58	15.20
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	3.53		3.94		3.12	0.03	1.18	10.37	1960.41	0.77	2.04	10.00
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	4.71		4.33		2.77	0.07	1.23	9.66	1803.40	0.91	1.92	3.06
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	4.71		3.15		2.50	0.07	1.15	11.54	1921.69	0.82	1.47	2.35
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	4.71		3.54		2.80	0.03	1.20	9.60	1889.41	0.82	1.06	4.80
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	4.31		3.94		1.92	0.03	1.22	8.05	1911.08	0.77	0.73	4.45
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	5.88		3.54		1.70	0.02	1.14	8.05	1611.86	0.89	0.66	5.10
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	6.27		4.33		1.82	0.02	1.25	8.36	1422.38	0.96	0.54	4.27
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro	0.00		0.00			0.02						4.78
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	5.10		3.94		1.98	0.03	1.26	9.25	1303.27	0.99	0.78	4.64
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro	0.00		0.00			0.02						6.08
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	6.27		5.91		2.88	0.04	1.19	8.50	1067.92	1.03	1.30	8.41
EK-07-02	273.0	274.5	1.5	J564009	Gabbro	0.00		0.00			0.03						9.85
EK-07-02	274.5	275.0	0.5	J564010	Gabbro	0.00		0.00			0.02						7.60
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	10.59		8.27		2.29	0.03	1.14	7.02	342.71	1.20	0.64	9.70

BHID	From	To	Length	Sample	Rock Type	Al2O3/TiO2	SiO2/TiO2	Th/Nb	Zr/Y	La/Yb	3E PGE	Pt:Pd	PGM Tenor	Zr/Ti
								PM						
						Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
EK-07-02	9.0	10.0	1.0	J591556	Olivine Melagabbro	4.86	55.42	1.76	5.41	7.01		0.96		63.31
EK-07-02	14.0	15.0	1.0	J591557	Olivine Melagabbro	4.72	49.89	1.74	6.07	8.71		0.00		72.20
EK-07-02	19.0	20.0	1.0	J591558	Olivine Melagabbro	4.63	50.11	1.49	6.29	8.19		2.50		75.87
EK-07-02	24.0	25.0	1.0	J591559	Olivine Melagabbro	4.61	55.12	1.65	6.06	9.42		0.00		72.28
EK-07-02	29.0	30.0	1.0	J591560	Olivine Melagabbro	4.87	58.31	1.78	6.38	8.41				77.04
EK-07-02	34.0	35.0	1.0	J591561	Olivine Melagabbro	4.68	60.41	1.76	6.39	8.61		0.00		71.20
EK-07-02	39.0	40.0	1.0	J591562	Olivine Melagabbro	4.82	67.31	1.78	5.68	6.88		0.00		67.74
EK-07-02	44.0	45.0	1.0	J591563	Olivine Melagabbro	5.02	55.98	1.77	6.33	6.61	0.23	0.77	44.34	74.01
EK-07-02	47.0	48.0	1.0	J591564	Olivine Melagabbro						0.06	0.53	17.17	
EK-07-02	49.0	50.0	1.0	J591565	Olivine Melagabbro	4.77	57.66	1.60	6.19	8.41	0.03	1.82	20.40	66.52
EK-07-02	50.0	51.0	1.0	J591566	Olivine Melagabbro						0.18	1.17	46.29	
EK-07-02	54.0	55.0	1.0	J591567	Olivine Melagabbro	4.46	55.63	1.29	6.88	10.19	0.00	0.00	1.54	78.76
EK-07-02	58.0	59.0	1.0	J591568	Olivine Melagabbro	5.15	57.76	1.59	4.95	7.35	0.07	1.65	21.93	61.32
EK-07-02	63.0	64.0	1.0	J591569	Dunite							1.25		
EK-07-02	64.0	65.0	1.0	J591570	Dunite	5.31	67.31	1.52	5.60	5.87	0.03	1.18	7.20	68.39
EK-07-02	65.0	66.0	1.0	J591571	Dunite						0.05	0.79	7.06	
EK-07-02	66.0	67.0	1.0	J591572	Dunite						0.03	1.23	10.47	
EK-07-02	69.0	70.0	1.0	J591573	Peridotite	5.23	63.94	1.65	6.91	7.89		7.00		82.77
EK-07-02	74.0	75.0	1.0	J591574	Peridotite	5.20	73.15	1.53	7.80	6.19		1.25		83.14
EK-07-02	79.0	80.0	1.0	J591575	Peridotite	4.80	76.85	1.61	7.37	6.94	0.03	1.13	29.70	77.21
EK-07-02	84.0	85.0	1.0	J591576	Peridotite	5.00	79.04	1.61	6.43	8.07				68.65
EK-07-02	89.0	90.0	1.0	J591577	Peridotite	4.35	74.73	1.58	6.83	9.15		0.92		76.04
EK-07-02	94.0	95.0	1.0	J591578	Peridotite	4.88	80.00	1.57	6.55	8.89		5.00		68.12
EK-07-02	99.0	100.0	1.0	J591579	Peridotite	4.75	80.39	1.40	6.25	7.18		2.33		65.58
EK-07-02	104.0	105.0	1.0	J591580	Peridotite	4.86	81.80	1.53	6.48	9.12		5.00		67.70
EK-07-02	109.0	110.0	1.0	J591581	Peridotite	4.96	82.04	1.49	6.60	7.33	0.01	2.00	9.00	68.75
EK-07-02	115.0	116.0	1.0	J591582	Peridotite	4.66	78.60	1.85	7.12	9.41	0.01	0.00	3.00	70.23
EK-07-02	119.0	120.0	1.0	J591583	Peridotite	4.67	75.69	1.44	8.40	9.47	0.00	0.00	1.44	78.80
EK-07-02	124.0	125.0	1.0	J591584	Peridotite	4.80	77.25	1.61	7.12	9.85		1.67		70.07
EK-07-02	129.0	130.0	1.0	J591585	Peridotite	4.98	75.96	1.65	7.74	9.95	0.01	2.50	7.20	76.27
EK-07-02	134.0	135.0	1.0	J591586	Peridotite	4.89	73.89	1.35	7.59	8.48	0.02	1.25	18.90	73.82
EK-07-02	139.0	140.0	1.0	J591587	Peridotite	5.04	71.45	1.59	7.92	8.40		2.25		73.83
EK-07-02	144.0	145.0	1.0	J591588	Peridotite	5.17	72.41	1.51	8.46	7.57	0.01	2.00	9.36	78.36
EK-07-02	149.0	150.0	1.0	J591589	Peridotite	5.17	72.96	1.32	7.36	7.91		1.17		69.94
EK-07-02	154.0	155.0	1.0	J591590	Peridotite	5.00	71.27	1.59	8.33	9.52	0.02	2.17	14.40	79.23
EK-07-02	159.0	160.0	1.0	J591591	Peridotite	5.22	73.45	1.45	7.19	11.28	0.02	0.77	21.60	73.71
EK-07-02	164.0	165.0	1.0	J591592	Olivine Melagabbro	5.19	71.67	1.56	7.89	8.97		1.20		78.48
EK-07-02	172.0	173.0	1.0	J591593	Olivine Melagabbro	5.20	72.55	1.80	6.25	4.27		1.09		78.87
EK-07-02	177.0	178.0	1.0	J591594	Olivine Melagabbro	5.07	70.89	1.39	7.45	8.20	0.01	1.75	10.80	72.25
EK-07-02	178.0	179.0	1.0	J591596	Olivine Melagabbro	4.98	71.23	1.62	7.19	10.54	0.01	2.25	12.60	71.23
EK-07-02	182.0	183.0	1.0	J591595	Olivine Melagabbro	5.00	71.05	1.54	8.07	12.11	0.02	1.33	15.84	79.78
EK-07-02	193.0	194.0	1.0	J591597	Olivine Melagabbro	5.28	71.23	1.35	7.37	8.90		3.00		72.49
EK-07-02	197.0	198.0	1.0	J591598	Olivine Melagabbro	5.20	67.50	1.70	8.83	9.57	0.05	0.86	23.14	87.40
EK-07-02	203.0	204.0	1.0	J591599	Olivine Melagabbro	5.28	66.23	1.58	8.17	8.85		0.67		79.28
EK-07-02	207.0	208.0	1.0	J591450	Olivine Melagabbro	5.30	64.22	1.39	7.58	12.11	0.04	1.38	21.00	72.84
EK-07-02	212.0	213.0	1.0	J591451	Olivine Melagabbro	5.29	64.92	1.58	7.74	10.07	0.08	0.70	42.17	75.37

BHID	From	To	Length	Sample	Rock Type	Al2O3/TiO2	SiO2/TiO2	Th/Nb PM	Zr/Y	La/Yb	3E PGE	Pt:Pd	PGM Tenor	Zr/Ti
						Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
EK-07-02	217.0	218.0	1.0	J591452	Olivine Melagabbro	5.00	63.81	1.35	7.27	11.54		1.15		74.84
EK-07-02	222.0	223.0	1.0	J591453	Olivine Melagabbro	5.09	63.13	1.48	6.97	10.89	0.02	0.75	11.31	70.06
EK-07-02	227.0	228.0	1.0	J591454	Olivine Melagabbro	5.13	64.22	1.50	7.42	10.76	0.02	1.80	9.00	75.66
EK-07-02	232.0	233.0	1.0	J591455	Olivine Melagabbro	4.76	60.97	1.38	6.23	7.08	0.01	1.60	7.20	65.75
EK-07-02	237.0	238.0	1.0	J591456	Olivine Melagabbro	5.17	58.03	1.59	7.40	13.20	0.03	1.36	16.20	74.27
EK-07-02	242.0	243.0	1.0	J591457	Olivine Melagabbro	5.41	55.79	1.42	6.71	12.21	0.07	1.03	29.70	65.73
EK-07-02	247.0	248.0	1.0	J564000	Olivine Melagabbro	5.20	54.08	1.54	7.97	14.08	0.07	0.84	31.50	76.09
EK-07-02	252.0	253.0	1.0	J564001	Olivine Melagabbro	5.23	51.88	1.57	8.40	12.61	0.03	1.13	13.60	82.94
EK-07-02	257.0	258.0	1.0	J564002	Olivine Melagabbro	5.24	52.15	1.52	8.48	8.44	0.03	1.36	8.84	82.00
EK-07-02	262.0	263.0	1.0	J564003	Olivine Melagabbro	5.26	45.80	1.53	8.46	7.72	0.03	1.40	6.00	83.11
EK-07-02	266.0	267.0	1.0	J564004	Olivine Melagabbro	5.22	42.04	1.50	7.98	8.47	0.03	1.18	5.00	85.26
EK-07-02	267.0	268.5	1.5	J564005	Olivine Melagabbro							1.22		
EK-07-02	268.5	270.0	1.5	J564006	Olivine Melagabbro	5.31	39.53	1.53	8.14	9.81	0.03	1.07	7.20	74.98
EK-07-02	270.0	271.5	1.5	J564007	Olivine Melagabbro						0.03	1.00	6.00	
EK-07-02	271.5	273.0	1.5	J564008	Gabbro	5.27	36.24	1.58	8.27	12.00	0.04	1.18	10.03	90.34
EK-07-02	273.0	274.5	1.5	J564009	Gabbro						0.03	1.15	9.00	
EK-07-02	274.5	275.0	0.5	J564010	Gabbro						0.02	1.30	5.40	
EK-07-02	275.0	276.0	1.0	J564011	Gabbro	5.39	26.61	1.50	8.16	8.70	0.03	1.50	3.90	84.20

BHID	From	To	Length	Sample	Rock Type	SiO2 Wt.% 0.01 ME-ICP06	Al2O3 Wt.% 0.01 ME-ICP06	Fe2O3 Wt.% 0.01 ME-ICP06	Cao Wt.% 0.01 ME-ICP06	MgO Wt.% 0.01 ME-ICP06	Na2O Wt.% 0.01 ME-ICP06	K2O Wt.% 0.01 ME-ICP06	Cr2O3 Wt.% 0.01 ME-ICP06	TiO2 Wt.% 0.01 ME-ICP06	MnO Wt.% 0.01 ME-ICP06	P2O5 Wt.% 0.01 ME-ICP06	SrO Wt.% 0.01 ME-ICP06
EK-08-01	23.0	24.0	1.0	J591458	Peridotite												
EK-08-01	33.0	34.0	1.0	J591459	Peridotite												
EK-08-01	34.0	35.0	1.0	J591460	Olivine melagabbro												
EK-08-01	35.0	36.0	1.0	J591461	Olivine melagabbro												
EK-08-01	36.0	37.0	1.0	J591462	Olivine melagabbro												
EK-08-01	37.0	38.0	1.0	J591463	Olivine melagabbro												
EK-08-01	38.0	39.0	1.0	J591464	Olivine melagabbro												
EK-08-01	39.0	40.0	1.0	J591465	Olivine melagabbro												
EK-08-01	40.0	41.0	1.0	J591466	Olivine melagabbro												
EK-08-01	41.0	42.0	1.0	J591467	Olivine melagabbro												
EK-08-01	42.0	43.0	1.0	J591468	Olivine melagabbro												
EK-08-01	43.0	44.0	1.0	J591469	Olivine melagabbro												
EK-08-01	44.0	45.0	1.0	J591470	Olivine melagabbro												
EK-08-01	45.0	46.0	1.0	J591471	Olivine melagabbro												
EK-08-01	46.0	47.0	1.0	J591472	Olivine melagabbro												
EK-08-01	47.0	48.0	1.0	J591473	Olivine melagabbro												
EK-08-01	48.0	49.0	1.0	J591474	Olivine melagabbro												
EK-08-01	49.0	50.0	1.0	J591475	Olivine melagabbro												
EK-08-01	238.0	239.0	1.0	J591476	Nipgion sill	45.80	5.43	14.55	7.78	20.50	1.07	0.44	0.24	1.03	0.19	0.12	0.03

BaO	LOI	Total %	LOI Factor	SiO2	Al2O3	Fe2O3	Cao	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5
Wt.%	Wt.%	Wt.%		Wt.%	Wt.%	Wt.%	Wt.%	Wt.%	Wt.%	Wt.%	Wt.%	Wt.%	Wt.%	Wt.%
0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
ME-ICP06	ME-ICP06	ME-ICP06	Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc	LOI Free Calc
0.02	0.91	98.11	1.01	46.23	5.48	14.69	7.85	20.69	1.08	0.44	0.24	1.04	0.19	0.12

SrO	BaO	Total %	Mg#	S	S	Au	Au	Pt	Pt	Pd	Pd	Ni	Cu	Co	Cr	Ag	Th
Wt.%	Wt.%	Wt.%		Wt.%	ppm	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
0.01	0.01	0.01		0.01	100	0.001	1	0.005		0.001	1	1	1	1	10	0.5	0.05
LOI Free Calc	LOI Free Calc	LOI Free Calc	Calc	S-IR08	Calc	PGM-ICP23	Calc	PGM-ICP23	Calc	PGM-ICP23	Calc	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-MS81	ME-4ACD81	ME-MS81
				0.06		<0.001		0.019		0.018		1310	33	149		<0.5	
				0.08		0.001		0.029		0.019		1260	51	122		<0.5	
				0.06		0.001		0.013		0.008		794	28	105		<0.5	
				0.06		<0.001		0.015		0.004		529	36	82		<0.5	
				0.12		<0.001		0.005		0.003		435	34	71		<0.5	
				0.12		<0.001		0.008		0.004		430	41	73		<0.5	
				0.1		<0.001		0.008		0.002		585	27	91		<0.5	
				0.08		<0.001		0.009		0.005		605	85	87		<0.5	
				0.05		0.002		0.025		0.027		679	58	82		<0.5	
				0.05		0.002		0.015		0.021		593	58	81		<0.5	
				0.04		<0.001		0.014		0.013		544	28	67		<0.5	
				0.07		<0.001		0.063		0.082		649	37	81		<0.5	
				0.06		<0.001		0.053		0.029		466	98	74		<0.5	
				0.04		<0.001		0.073		0.015		415	52	63		<0.5	
				0.04		<0.001		0.026		0.016		401	53	66		<0.5	
				0.07		<0.001		0.009		0.011		697	55	89		<0.5	
				0.07		<0.001		0.006		0.004		545	72	70		<0.5	
				0.09		0.003		0.036		0.04		664	143	89		<0.5	
0.03	0.02		73.63	0.12		0.001		0.009		0.004		627	67	105	1730	<0.5	0.83

Nb	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Ba	Cs	Ga	Hf
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.2	0.5	0.5	0.03	0.1	0.03	0.03	0.05	0.01	0.05	0.01	0.03	0.01	0.03	0.01	0.5	0.01	0.1	0.2
ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
4.2	11	25.7	3.47	15.9	3.19	1.07	3.46	0.42	2.59	0.43	1.28	0.16	0.84	0.12	210	0.29	10.1	2

Mo	Pb	Rb	Sn	Sr	Ta	Tl	U	V	W	Y	Zn	Zr	As	Cd	Li	Sc
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	2	0.2	1	0.1	0.1	0.5	0.05	5	1	0.05	2	2	5	0.5	10	1
ME-4ACD81	ME-4ACD81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-4ACD81	ME-MS81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
2	3	9.5	1	260	0.3	<10	0.16	199	<1	11	99	73	<5	<0.5	<10	23

Th	Nb	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
0.085	0.713	0.687	1.775	0.276	1.354	0.444	0.168	0.596	0.108	0.737	0.164	0.48
PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc	PM Norm calc
9.76	5.89	16.01	14.48	12.57	11.74	7.18	6.37	5.81	3.89	3.51	2.62	2.67

Tm	Yb	Lu	Gd/Yb	La/Sm	Th/Yb	Th	Nb	La	Ce	Pr	Nd	Sm	Eu	Gd
PM	PM	PM				CH	CH	CH	CH	CH	CH	CH	CH	CH
0.074	0.493	0.074				0.03	0.25	0.24	0.61	0.10	0.47	0.15	0.06	0.21
PM Norm calc	PM Norm calc	PM Norm calc	Calc	Calc	Calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc
2.16	1.70	1.62	3.41	2.23	5.73	28.62	17.07	46.41	41.99	36.53	34.05	20.85	18.45	16.84

Tb	Dy	Ho	Er	Tm	Yb	Lu	Gd/Yb	La/Sm	Pt+Pd	Al2O3/CaO	Ce/Yb	Expected Ni	Ni/Ni*	Cu/Zr	Cu/Pd	Al2O3/TiO2	SiO2/TiO2
CH	CH	CH	CH	CH	CH	CH			ppm		PM						
0.04	0.25	0.06	0.17	0.03	0.17	0.03											
CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	CH Norm calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc	Calc
									0.04						1.83		
									0.05						2.68		
									0.02						3.50		
									0.02						9.00		
									0.01						11.33		
									0.01						10.25		
									0.01						13.50		
									0.01						17.00		
									0.05						2.15		
									0.04						2.76		
									0.03						2.15		
									0.15						0.45		
									0.08						3.38		
									0.09						3.47		
									0.04						3.31		
									0.02						5.00		
									0.01						18.00		
									0.08						3.58		
11.23	10.20	7.60	7.73	6.27	4.94	4.72	3.41	2.23	0.01	0.70	8.50	877.84	0.71	0.92	16.75	5.27	44.47

Th/Nb PM	Zr/Y	La/Yb	3E PGE	Pt:Pd	PGM Tenor	Zr/Ti
Calc	Calc	Calc	Calc	Calc	Calc	Calc
				1.06		
			0.05	1.53	22.05	
			0.02	1.63	13.20	
				3.75		
				1.67		
				2.00		
				4.00		
				1.80		
			0.05	0.93	38.88	
			0.04	0.71	27.36	
				1.08		
				0.77		
				1.83		
				4.87		
				1.63		
				0.82		
				1.50		
			0.08	0.90	31.60	
1.66	6.64	9.40	0.01	2.25	4.20	70.22

APPENDIX E:

MAGNETIC SUCEPTIBILITY FOR RE-LOGGED HOLES

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
12.00	23.1	4.0	
13.00	19.7	4.5	
14.00	39.5	5.5	
15.00	28.8	5.0	
16.00	30.8	7.5	
17.00	26.8	6.5	
18.00	28.9	6.0	
19.00	33.5	5.0	
20.00	45.2	11.5	
21.00	33.4	6.0	
22.00	30.7	4.5	
23.00	33.7	6.0	
24.00	34.4	8.0	
25.00	32.5	8.0	
26.00	37.0	7.5	
27.00	37.9	5.5	
28.00	42.6	7.0	
29.00	42.8	6.5	
30.00	39.3	8.0	
31.00	38.6	9.0	
32.00	30.6	6.0	
33.00	31.1	6.5	
34.00	30.7	8.0	
35.00	32.4	6.5	
36.00	36.9	9.5	
37.00	33.6	7.0	
38.00	29.6	5.5	
39.00	36.3	7.5	
40.00	32.3	10.5	
41.00	37.8	11.5	
42.00	51.4	6.5	
43.00	42.4	7.5	
44.00	39.7	8.0	
45.00	40.1	8.0	
46.00	42.1	7.5	
47.00	41.2	8.0	
48.00	40.1	7.5	
49.00	41.0	8.5	
50.00	39.1	9.0	
51.00	41.3	8.5	
52.00	72.6	10.5	
53.00	45.0	8.0	
54.00	39.2	7.0	
55.00	36.1	7.0	
56.00	42.0	8.0	
57.00	40.7	7.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
58.00	33.2	6.5	
59.00	39.4	7.0	
60.00	57.1	8.5	
61.00	45.8	8.5	
62.00	45.9	9.0	
63.00	45.1	8.5	
64.00	56.5	9.0	
65.00	44.6	9.5	
66.00	64.0	7.5	
67.00	48.9	10.0	
68.00	43.0	9.0	
69.00	43.0	7.5	
70.00	67.1	9.5	
71.00	44.6	10.0	
72.00	45.3	5.5	
73.00	45.7	7.0	
74.00	48.1	11.5	
75.00	43.9	11.5	
76.00	37.1	9.5	
77.00	37.7	10.5	
78.00	42.3	11.5	
79.00	39.9	11.5	
80.00	38.7	8.0	
81.00	32.1	10.5	
82.00	35.5	11.5	
83.00	42.1	12.0	
84.00	52.4	12.0	
85.00	38.6	11.5	
86.00	43.6	13.5	
87.00	40.6	12.5	
88.00	41.7	13.0	
89.00	37.9	12.0	
90.00	45.2	14.0	
91.00	44.2	13.0	
92.00	45.0	11.0	
93.00	47.6	13.5	
94.00	54.6	10.5	
95.00	4.1	4.5	
96.00	47.0	12.5	
97.00	48.1	11.0	
98.00	56.4	12.5	
99.00	55.4	12.0	
100.00	53.1	12.5	
101.00	50.9	11.0	
102.00	38.9	8.5	
103.00	43.3	10.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
104.00	35.1	11.5	
105.00	34.7	11.5	
106.00	35.7	7.5	
107.00	42.7	13.5	
108.00	42.2	11.5	
109.00	32.5	7.0	
110.00	43.6	10.5	
111.00	35.7	8.0	
112.00	50.1	10.5	
113.00	56.0	12.0	
114.00	50.3	11.0	
115.00	52.1	11.0	
116.00	54.4	11.0	
117.00	41.1	10.0	
118.00	39.6	10.0	
119.00	50.4	13.0	
120.00	50.0	15.0	
121.00	37.3	13.0	
122.00	44.8	9.5	
123.00	40.4	8.5	
124.00	48.0	11.0	
125.00	36.5	8.5	
126.00	49.5	9.5	
127.00	52.4	11.5	
128.00	62.0	15.5	
129.00	54.6	12.5	
130.00	67.7	13.0	
131.00	61.5	12.5	
132.00	55.1	12.5	
133.00	51.1	11.5	
134.00	70.3	12.0	
135.00	60.2	11.5	
136.00	44.4	8.5	
137.00	52.7	12.5	
138.00	39.7	8.5	
139.00	63.0	12.0	
140.00	57.7	12.0	
141.00	60.0	15.0	
142.00	61.0	11.0	
143.00	55.0	11.5	
144.00	56.9	11.5	
145.00	44.5	8.0	
146.00	46.4	8.5	
147.00	66.7	12.5	
148.00	56.9	11.0	
149.00	59.6	11.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
150.00	53.7	11.0	
151.00	74.7	12.0	
152.00	71.6	13.5	
153.00	58.0	16.0	
154.00	51.5	11.0	
155.00	61.9	14.0	
156.00	58.9	12.0	
157.00	68.7	15.5	
158.00	60.7	11.5	
159.00	55.4	11.0	
160.00	68.6	13.0	
161.00	52.7	11.5	
162.00	57.3	12.0	
163.00	56.8	11.0	
164.00	53.0	15.5	
165.00	43.2	9.5	
166.00	47.1	10.5	
167.00	50.3	10.0	
168.00	45.4	9.5	
169.00	27.1	4.0	
170.00	43.7	10.0	
171.00	49.7	10.5	
172.00	32.5	5.5	
173.00	37.1	5.5	
174.00	18.5	6.0	
175.00	13.5	5.5	
176.00	45.1	10.5	
177.00	28.2	5.5	
178.00	29.0	6.5	
179.00	42.9	8.0	
180.00	37.4	12.5	
181.00	63.1	10.5	
182.00	110.0	16.5	
183.00	53.7	7.5	
184.00	63.3	13.0	
185.00	47.0	8.5	
186.00	42.5	9.0	
187.00	39.6	10.0	
188.00	33.6	8.0	
189.00	52.3	9.0	
190.00	39.6	8.0	
191.00	57.6	9.0	
192.00	65.0	9.5	
193.00	74.1	11.0	
194.00	45.1	9.0	
195.00	30.1	7.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
196.00	32.2	8.0	
197.00	39.2	8.5	
198.00	33.1	8.0	
199.00	40.1	9.0	
200.00	31.1	7.0	
201.00	38.7	7.5	
202.00	30.6	6.0	
203.00	42.7	8.0	
204.00	37.6	7.5	
205.00	26.6	6.5	
206.00	41.5	9.0	
207.00	97.1	10.5	
208.00	19.3	5.0	
209.00	47.2	7.5	
210.00	27.9	3.0	
211.00	20.6	2.0	
212.00	45.1	5.5	
213.00	27.4	4.0	
214.00	20.1	4.0	
215.00	20.1	3.0	
216.00	77.0	10.5	
217.00	35.8	5.5	
218.00	26.0	4.0	
219.00	22.7	6.0	
220.00	23.3	4.0	
221.00	23.8	4.5	
222.00	25.8	4.5	
223.00	27.5	4.0	
224.00	22.6	3.0	
225.00	30.1	3.0	
226.00	19.9	5.0	
227.00	27.3	5.5	
228.00	106.0	13.0	
229.00	26.8	5.0	
230.00	61.6	7.5	
231.00	23.3	3.5	
232.00	24.5	4.0	
233.00	24.8	2.0	
234.00	29.3	4.0	
235.00	35.7	4.5	
236.00	84.6	11.0	
237.00	33.7	4.0	
238.00	23.7	3.0	
239.00	31.5	5.5	
240.00	25.7	0.0	
241.00	24.6	2.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
242.00	32.7	3.5	
243.00	33.1	4.0	
244.00	30.5	3.0	
245.00	35.1	7.0	
246.00	24.9	3.0	
247.00	22.2	2.5	
248.00	34.7	3.5	
249.00	47.0	6.0	
250.00	26.8	3.0	
251.00	28.9	3.5	
252.00	32.5	3.5	
253.00	26.6	3.0	
254.00	26.7	3.0	
255.00	34.9	4.0	
256.00	36.7	4.5	
257.00	22.9	2.5	
258.00	32.1	3.5	
259.00	34.8	4.0	
260.00	26.9	4.0	
261.00	30.4	3.0	
262.00	26.8	4.5	
263.00	49.7	5.5	
264.00	25.6	4.0	
265.00	25.8	3.5	
266.00	35.4	4.5	
267.00	49.3	4.0	
268.00	44.4	7.0	
269.00	52.3	4.0	
270.00	16.4	0.0	
271.00	57.3	5.5	
272.00	24.1	2.5	
273.00	18.2	2.0	
274.00	46.3	8.5	
275.00	30.4	1.0	
276.00	20.9	5.0	
277.00	16.8	2.5	
278.00	44.8	4.5	
279.00	20.1	5.0	
280.00	38.9	10.0	
281.00	18.8	6.5	
282.00	34.9	8.5	
283.00	20.0	4.0	
284.00	22.0	6.5	
285.00	37.0	6.0	
286.00	23.1	2.5	
287.00	26.4	6.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
288.00	24.7	4.5	
289.00	31.7	4.0	
290.00	18.1	4.0	
291.00	24.4	8.0	
292.00	22.4	5.0	
293.00	28.9	4.5	
294.00	42.5	6.0	
295.00	38.7	4.0	
296.00	15.5	5.5	
297.00	17.8	1.0	
298.00	27.9	7.0	
299.00	30.3	5.5	
300.00	26.1	5.0	
301.00	16.4	0.5	
302.00	32.4	2.5	
303.00	36.2	3.5	
304.00	38.0	4.5	
305.00	40.1	4.0	
306.00	43.0	4.5	
307.00	269.0	23.0	
308.00	369.0	23.5	
309.00	361.0	26.5	
310.00	515.0	42.5	
311.00	422.0	35.5	
312.00	499.0	41.0	
313.00	386.0	31.5	
314.00	381.0	31.0	
315.00	327.0	28.0	
316.00	367.0	30.0	
317.00	406.0	34.5	
318.00	357.0	30.5	
319.00	505.0	42.0	
320.00	428.0	36.5	
321.00	316.0	27.5	
322.00	373.0	33.0	
323.00	179.0	17.5	
324.00	319.0	29.5	
325.00	357.0	31.0	
326.00	378.0	31.0	
327.00	304.0	27.5	
328.00	99.2	8.0	
329.00	36.8	4.0	
330.00	38.0	3.5	
331.00	12.7	1.5	
332.00	18.4	2.5	
333.00	30.3	3.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
334.00	1.6	1.5	
335.00	1.5	0.5	
336.00	3.2	0.0	
337.00	1.6	0.5	
338.00	1.1	0.5	
339.00	2.8	0.5	
340.00	1.3	0.0	
341.00	1.0	0.0	
342.00	1.1	0.0	
343.00	1.7	0.0	
344.00	0.7	0.5	
345.00	0.9	0.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
10.00	33.2	5.5	
11.00	33.9	7.0	
12.00	36.1	5.5	
13.00	52.1	8.5	
14.00	36.2	7.5	
15.00	43.5	13.0	
16.00	42.0	11.0	
17.00	41.0	11.0	
18.00	43.2	10.0	
19.00	43.1	8.5	
20.00	47.0	9.0	
21.00	52.0	11.0	
22.00	57.2	11.0	
23.00	45.2	10.0	
24.00	37.3	10.5	
25.00	36.7	9.5	
26.00	35.2	9.5	
27.00	30.0	6.5	
28.00	28.2	6.5	
29.00	30.2	7.5	
30.00	40.0	9.0	
31.00	37.1	9.0	
32.00	36.8	8.5	
33.00	36.1	8.0	
34.00	35.5	9.0	
35.00	38.4	9.5	
36.00	39.4	10.5	
37.00	40.0	10.0	
38.00	41.1	11.0	
39.00	43.2	11.5	
40.00	44.0	12.5	
41.00	44.2	13.5	
42.00	45.2	13.0	
43.00	44.1	16.0	
44.00	40.9	12.0	
45.00	39.1	10.5	
46.00	42.6	10.0	
47.00	43.2	11.5	
48.00	43.7	11.0	
49.00	48.8	12.0	
50.00	36.5	9.5	
51.00	39.7	12.0	
52.00	39.9	11.0	
53.00	45.6	12.5	
54.00	37.6	16.5	
55.00	40.8	10.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
56.00	45.9	10.5	
57.00	39.6	11.5	
58.00	43.8	12.0	
59.00	51.9	12.0	
60.00	43.4	13.0	
61.00	49.4	13.0	
62.00	41.6	11.0	
63.00	37.1	9.5	
64.00	41.7	11.0	
65.00	63.1	10.5	
66.00	34.7	8.5	
67.00	33.0	9.0	
68.00	36.6	9.5	
69.00	30.9	8.5	
70.00	39.4	13.5	
71.00	39.8	11.5	
72.00	43.0	11.5	
73.00	39.8	11.5	
74.00	37.0	10.5	
75.00	41.7	11.0	
76.00	43.7	12.5	
77.00	38.4	10.5	
78.00	33.9	10.0	
79.00	38.2	10.0	
80.00	30.8	7.5	
81.00	32.9	12.0	
82.00	21.9	3.0	
83.00	50.5	15.0	
84.00	39.5	9.5	
85.00	40.0	10.5	
86.00	35.3	12.5	
87.00	26.8	7.0	
88.00	36.6	9.0	
89.00	35.3	9.5	
90.00	35.2	9.0	
91.00	36.4	8.0	
92.00	38.9	17.5	
93.00	31.7	8.0	
94.00	33.8	8.5	
95.00	28.9	7.5	
96.00	32.8	7.5	
97.00	35.9	6.0	
98.00	33.8	9.0	
99.00	34.2	8.5	
100.00	35.5	8.0	
101.00	38.1	2000.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
102.00	37.6	8.5	
103.00	36.4	7.5	
104.00	14.5	26.0	
105.00	34.3	32.5	
106.00	49.0	9.5	
107.00	46.6	10.0	
108.00	47.9	9.5	
109.00	35.8	6.0	
110.00	41.6	7.0	
111.00	30.2	5.0	
112.00	48.1	8.0	
113.00	36.5	5.0	
114.00	51.9	8.0	
115.00	45.8	8.0	
116.00	44.4	7.0	
117.00	36.9	6.0	
118.00	37.2	6.0	
119.00	51.5	9.5	
120.00	44.1	6.5	
121.00	40.7	7.0	
122.00	33.2	4.5	
123.00	43.2	7.0	
124.00	50.1	8.0	
125.00	48.1	8.0	
126.00	49.2	7.5	
127.00	56.5	8.0	
128.00	46.0	6.5	
129.00	55.9	6.5	
130.00	34.2	5.0	
131.00	30.8	3.0	
132.00	5.0	0.5	
133.00	16.7	2.0	
134.00	16.8	1.0	
135.00	6.9	1.0	
136.00	16.2	1.5	
137.00	10.4	0.5	
138.00	1.3	1.0	
139.00	12.2	1.5	
140.00	24.9	3.0	
141.00	25.1	3.0	
142.00	41.8	6.5	
143.00	26.0	3.0	
144.00			
145.00			
146.00			
147.00			Missing Core

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
148.00			
149.00			
150.00	71.6	8.5	
151.00	0.4	0.0	
152.00	0.2	0.0	
153.00	0.1	0.0	
154.00	0.5	0.0	
155.00	0.4	0.0	
156.00	0.1	0.0	
157.00	0.2	0.0	
158.00	0.4	0.0	
159.00	0.2	0.0	
160.00	0.2	0.0	
161.00	0.1	0.0	
162.00	0.4	0.0	
163.00	3.2	0.5	
164.00	39.4	4.5	
165.00	42.1	5.0	
166.00	50.3	6.0	
167.00	40.3	5.0	
168.00	26.8	3.5	
169.00	37.8	4.5	
170.00	24.1	2.5	
171.00	26.3	5.5	
172.00	28.8	5.0	
173.00	0.8	4.0	
174.00	1.6	2.5	
175.00	0.5	1.0	
176.00	0.3	1.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
3.00	33.2	4.0	
4.00	42.2	4.5	
5.00	35.0	4.5	
6.00	35.7	4.0	
7.00	39.7	10.5	
8.00	29.8	3.0	
9.00	41.6	3.0	
10.00	37.1	3.0	
11.00	35.3	4.0	
12.00	30.4	3.0	
13.00	36.4	3.5	
14.00	34.5	3.5	
15.00	30.4	2.5	
16.00	31.4	4.5	
17.00	31.5	3.5	
18.00	29.3	3.0	
19.00	31.5	3.5	
20.00	32.5	5.4	
21.00	25.2	5.5	
22.00	30.6	3.0	
23.00	31.7	2.5	
24.00	34.8	3.0	
25.00	20.1	3.5	
26.00	31.3	3.0	
27.00	27.8	3.0	
28.00	32.3	4.5	
29.00	27.1	2.0	
30.00	28.0	2.5	
31.00	42.1	4.0	
32.00	32.7	3.0	
33.00	36.0	4.0	
34.00	40.7	5.0	
35.00	31.8	4.0	
36.00	36.3	4.0	
37.00	26.7	5.5	
38.00	30.8	4.0	
39.00	23.4	2.0	
40.00	26.4	3.5	
41.00	49.8	7.5	
42.00	29.6	3.5	
43.00	26.3	2.5	
44.00	30.7	3.5	
45.00	25.7	3.5	
46.00	27.0	4.0	
47.00	25.1	2.5	
48.00	24.5	3.0	

49.00	33.3	4.0
50.00	35.9	5.0
51.00	24.1	2.0
52.00	24.7	2.5
53.00	27.8	3.5
54.00	20.9	2.5
55.00	25.9	4.0
56.00	31.6	4.5
57.00	24.5	3.0
58.00	33.7	4.5
59.00	28.2	4.0
60.00	21.1	4.0
61.00	26.9	4.5
62.00	35.2	6.5
63.00	35.0	7.5
64.00	32.0	5.5
65.00	34.4	8.0
66.00	24.3	5.5
67.00	33.9	9.0
68.00	30.8	7.5
69.00	27.5	6.5
70.00	38.3	8.5
71.00	35.2	7.0
72.00	35.6	9.5
73.00	48.4	8.5
74.00	85.7	13.0
75.00	52.0	11.5
76.00	46.4	9.0
77.00	45.4	11.0
78.00	53.3	12.0
79.00	80.7	13.0
80.00	48.0	11.0
81.00	65.2	14.0
82.00	87.5	15.0
83.00	52.4	13.0
84.00	52.1	13.0
85.00	51.3	14.0
86.00	47.0	10.0
87.00	34.1	9.5
88.00	41.0	11.5
89.00	35.5	10.0
90.00	35.0	11.5
91.00	44.6	11.0
92.00	36.1	11.0
93.00	31.2	9.5
94.00	33.3	10.0
95.00	43.3	12.0

96.00	29.3	10.5
97.00	34.9	11.0
98.00	34.9	10.5
99.00	34.5	9.5
100.00	34.4	33.0
101.00	31.8	9.5
102.00	37.3	10.5
103.00	42.7	10.5
104.00	37.3	10.5
105.00	50.6	15.0
106.00	40.0	11.0
107.00	35.4	13.0
108.00	33.2	9.0
109.00	38.3	10.5
110.00	32.4	10.0
111.00	38.0	19.0
112.00	37.5	9.5
113.00	38.1	14.0
114.00	39.4	11.0
115.00	32.7	9.0
116.00	35.3	10.0
117.00	44.0	10.5
118.00	42.3	6.5
119.00	49.2	5.0
120.00	34.1	8.0
121.00	34.9	9.5
122.00	34.5	9.0
123.00	35.5	8.0
124.00	55.0	9.5
125.00	40.3	8.5
126.00	38.8	8.5
127.00	25.5	5.0
128.00	61.3	7.0
129.00	33.3	4.5
130.00	40.2	9.0
131.00	42.5	9.0
132.00	37.4	9.5
133.00	38.2	9.5
134.00	44.2	10.5
135.00	37.1	9.5
136.00	45.4	10.5
137.00	49.5	8.5
138.00	37.5	8.0
139.00	38.1	9.5
140.00	36.3	8.0
141.00	38.4	9.5
142.00	44.8	11.0

143.00	47.0	15.0
144.00	39.1	11.5
145.00	45.7	9.5
146.00	53.4	140.5
147.00	34.0	8.0
148.00	38.7	9.0
149.00	41.1	8.5
150.00	37.8	7.0
151.00	48.3	8.0
152.00	37.0	7.0
153.00	45.2	7.5
154.00	40.2	7.0
155.00	45.8	9.0
156.00	37.6	7.5
157.00	48.7	10.0
158.00	58.2	9.0
159.00	41.5	7.5
160.00	43.0	10.0
161.00	45.7	9.0
162.00	44.8	14.0
163.00	41.3	9.0
164.00	42.0	9.5
165.00	44.6	6.5
166.00	44.5	8.5
167.00	44.3	8.5
168.00	51.3	9.0
169.00	49.0	9.5
170.00	47.6	8.5
171.00	44.7	11.0
172.00	46.6	10.0
173.00	52.8	15.5
174.00	49.8	11.0
175.00	39.6	9.0
176.00	56.7	4.5
177.00	46.7	9.5
178.00	43.1	8.0
179.00	29.8	10.5
180.00	46.4	8.5
181.00	40.7	9.0
182.00	40.7	5.0
183.00	32.1	4.5
184.00	44.0	7.0
185.00	44.5	7.0
186.00	64.7	3.5
187.00	67.9	5.5
188.00	61.2	6.0
189.00	59.9	6.0

190.00	59.4	6.0
191.00	86.9	9.5
192.00	50.8	5.5
193.00	45.9	4.0
194.00	61.1	6.0
195.00	42.1	4.5
196.00	59.2	6.5
197.00	67.2	9.0
198.00	53.1	7.5
199.00	52.8	7.5
200.00	64.8	8.5
201.00	79.5	9.5
202.00	55.1	6.0
203.00	74.4	6.5
204.00	142.0	15.0
205.00	4.8	0.5
206.00	0.5	0.0
207.00	0.9	0.0
208.00	20.0	2.5
209.00	0.6	2.5
210.00	0.2	0.0

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
7.00	35.0	6.5	
8.00	59.6	8.5	
9.00	25.1	8.5	
10.00	42.0	7.0	
11.00	54.1	9.5	
12.00	68.4	11.0	
13.00	36.9	6.0	
14.00	33.0	7.0	
15.00	30.2	5.0	
16.00	30.2	5.5	
17.00	33.5	5.5	
18.00	27.5	5.0	
19.00	31.3	6.5	
20.00	33.4	5.5	
21.00	25.2	4.5	
22.00	45.0	7.0	
23.00	30.5	7.5	
24.00	30.2	3.5	
25.00	25.9	5.0	
26.00	27.5	6.0	
27.00	43.1	7.5	
28.00	23.5	5.0	
29.00	28.2	5.0	
30.00	29.7	5.0	
31.00	41.0	6.5	
32.00	30.1	7.5	
33.00	32.2	10.0	
34.00	43.5	10.0	
35.00	29.2	6.0	
36.00	181.0	25.0	
37.00	6.7	3.5	
38.00	320.0	44.0	
39.00	112.0	17.5	
40.00	30.3	6.0	
41.00	26.4	6.0	
42.00	52.8	10.5	
43.00	25.4	5.5	
44.00	63.5	10.5	
45.00	33.5	8.5	
46.00	23.4	4.5	
47.00	38.8	7.5	
48.00	32.9	10.0	
49.00	38.0	10.0	
50.00	53.4	10.5	
51.00	30.2	8.5	
52.00	35.9	13.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
53.00	37.7	9.0	
54.00	23.3	3.0	
55.00	50.2	10.5	
56.00	49.1	12.0	
57.00	13.8	3.5	
58.00	28.5	5.5	
59.00	26.1	8.0	
60.00	26.6	4.0	
61.00	64.6	10.0	
62.00	44.0	13.5	
63.00	38.0	6.0	
64.00	61.2	8.5	
65.00	65.0	16.5	
66.00	69.1	14.0	
67.00	53.2	11.0	
68.00	63.2	11.5	
69.00	3.8	6.0	
70.00	48.1	12.0	
71.00	58.0	29.0	
72.00	82.5	17.5	
73.00	46.6	16.0	
74.00	54.8	18.0	
75.00	39.1	11.0	
76.00	35.1	10.5	
77.00	32.5	9.0	
78.00	29.9	8.5	
79.00	28.9	8.5	
80.00	31.8	10.0	
81.00	32.6	13.5	
82.00	31.3	12.0	
83.00	34.5	9.0	
84.00	31.2	12.5	
85.00	32.7	9.5	
86.00	30.1	9.0	
87.00	43.2	10.0	
88.00	27.3	8.5	
89.00	43.8	10.5	
90.00	37.1	10.0	
91.00	25.0	12.5	
92.00	25.7	13.0	
93.00	25.8	11.0	
94.00	25.6	16.5	
95.00	26.7	13.5	
96.00	49.2	12.0	
97.00	51.6	13.5	
98.00	38.3	15.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
99.00	49.3	12.5	
100.00	43.4	11.0	
101.00	37.9	9.5	
102.00	25.4	12.5	
103.00	25.7	10.5	
104.00	24.5	10.5	
105.00	40.4	11.0	
106.00	25.8	12.5	
107.00	22.8	11.0	
108.00	30.6	9.0	
109.00	43.2	12.5	
110.00	33.3	14.5	
111.00	100.0	18.5	
112.00	72.3	15.0	
113.00	40.6	11.0	
114.00	65.6	15.5	
115.00	31.9	13.0	
116.00	28.5	12.5	
117.00	26.7	13.5	
118.00	37.9	11.5	
119.00	33.0	17.5	
120.00	35.0	12.5	
121.00	36.8	13.5	
122.00	29.6	12.5	
123.00	30.0	13.5	
124.00	42.2	14.5	
125.00	34.9	13.5	
126.00	38.0	14.0	
127.00	33.8	13.0	
128.00	36.1	14.0	
129.00	42.5	15.5	
130.00	36.0	14.0	
131.00	39.8	14.0	
132.00	41.3	10.0	
133.00	47.9	10.0	
134.00	42.3	15.0	
135.00	50.4	16.5	
136.00	37.7	15.0	
137.00	50.3	17.0	
138.00	46.6	16.5	
139.00	51.4	17.5	
140.00	70.7	37.0	
141.00	143.0	23.5	
142.00	81.9	22.5	
143.00	70.2	16.5	
144.00	84.2	19.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
145.00	57.5	18.0	
146.00	54.6	17.5	
147.00	82.4	21.0	
148.00	63.3	18.5	
149.00	73.1	22.0	
150.00	58.8	18.5	
151.00	68.1	18.5	
152.00	67.1	19.5	
153.00	61.7	18.5	
154.00	139.0	31.5	
155.00	69.1	14.0	
156.00	49.7	17.0	
157.00	45.8	17.5	
158.00	44.5	16.5	
159.00	47.9	19.0	
160.00	47.0	15.0	
161.00	76.7	19.5	
162.00	54.7	43.5	
163.00	65.3	18.5	
164.00	25.4	5.0	
165.00	51.3	14.5	
166.00	47.5	13.0	
167.00	50.0	12.0	
168.00	28.5	4.5	
169.00	53.9	12.5	
170.00	11.5	2.5	
171.00	71.1	15.5	
172.00	57.7	13.5	
173.00	52.1	17.5	
174.00	49.5	18.0	
175.00	52.4	18.0	
176.00	49.2	17.0	
177.00	47.1	17.5	
178.00	50.1	18.5	
179.00	48.2	18.0	
180.00	44.7	17.0	
181.00	46.3	17.5	
182.00	46.2	29.0	
183.00	47.6	17.0	
184.00	39.2	33.0	
185.00	42.3	19.5	
186.00	40.1	16.5	
187.00	39.7	16.0	
188.00	37.1	15.0	
189.00	43.2	16.5	
190.00	41.5	16.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
191.00	43.3	17.0	
192.00	41.3	16.0	
193.00	40.0	15.0	
194.00	40.7	15.5	
195.00	57.4	24.0	
196.00	52.4	22.0	
197.00	36.5	15.0	
198.00	53.9	23.0	
199.00	37.4	15.0	
200.00	40.6	15.0	
201.00	39.6	15.0	
202.00	39.1	15.0	
203.00	44.4	16.0	
204.00	46.5	17.5	
205.00	45.9	24.0	
206.00	42.0	19.0	
207.00	42.3	17.0	
208.00	36.8	14.5	
209.00	46.0	17.0	
210.00	40.9	16.0	
211.00	43.1	16.0	
212.00	39.8	15.0	
213.00	43.5	16.5	
214.00	41.7	15.5	
215.00	40.4	15.0	
216.00	42.3	15.5	
217.00	42.7	16.0	
218.00	45.2	16.0	
219.00	45.4	15.5	
220.00	46.2	16.0	
221.00	48.1	17.5	
222.00	48.4	15.5	
223.00	44.7	15.5	
224.00	48.0	16.0	
225.00	42.8	14.0	
226.00	50.9	15.5	
227.00	45.8	17.0	
228.00	49.9	16.5	
229.00	46.8	16.5	
230.00	48.3	16.0	
231.00	42.5	14.0	
232.00	19.0	5.5	
233.00	50.7	15.0	
234.00	43.1	13.0	
235.00	46.9	14.5	
236.00	40.4	13.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
237.00	39.8	13.5	
238.00	45.8	15.0	
239.00	46.6	14.5	
240.00	49.9	16.0	
241.00	51.3	16.0	
242.00	52.8	16.5	
243.00	49.8	15.5	
244.00	49.5	17.0	
245.00	52.4	16.0	
246.00	53.3	15.5	
247.00	48.4	14.0	
248.00	52.6	15.5	
249.00	48.1	13.5	
250.00	47.8	14.0	
251.00	57.9	15.5	
252.00	57.7	15.0	
253.00	53.3	14.5	
254.00	57.6	15.0	
255.00	59.3	15.0	
256.00	60.3	14.5	
257.00	62.3	14.5	
258.00	57.1	12.5	
259.00	60.5	13.0	
260.00	69.5	13.0	
261.00	60.6	12.5	
262.00	66.1	12.0	
263.00	62.9	11.5	
264.00	67.9	13.0	
265.00	53.2	8.5	
266.00	72.3	12.5	
267.00	76.8	13.5	
268.00	78.6	12.5	
269.00	79.5	12.5	
270.00	80.6	13.5	
271.00	84.1	13.5	
272.00	88.1	14.0	
273.00	89.7	12.5	
274.00	103.0	12.5	
275.00	99.8	12.5	
276.00	31.4	3.0	
277.00	15.5	1.5	
278.00	2.6	0.5	
279.00	1.5	2.0	
280.00	0.5	0.0	
281.00	0.6	0.0	
282.00	0.5	0.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
283.00	0.9	3.5	
284.00	0.6	0.0	
285.00	0.8	0.0	
286.00	7.6	1.5	
287.00	0.4	0.0	
288.00	0.2	0.0	
289.00	3.3	0.0	
290.00	5.9	0.5	
291.00	26.7	2.5	
292.00	1.1	0.0	
293.00	0.4	0.0	
294.00	0.4	0.0	
295.00	0.4	0.0	
296.00	0.5	0.0	
297.00	0.6	0.0	
298.00	0.5	1.5	
299.00	0.5	0.0	
300.00	0.4	0.5	
301.00	0.5	2.0	
302.00	0.5	2.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
5.00	19.9	4.0	
6.00	20.8	4.0	
7.00	20.2	5.0	
8.00	22.6	5.0	
9.00	22.4	5.0	
10.00	22.8	4.5	
11.00	25.4	6.0	
12.00	25.6	5.5	
13.00	26.6	5.5	
14.00	28.0	6.5	
15.00	27.7	8.5	
16.00	39.2	7.5	
17.00	34.3	7.0	
18.00	27.1	6.5	
19.00	24.7	6.5	
20.00	29.9	0.5	
21.00	31.7	7.5	
22.00	36.0	7.5	
23.00	38.0	10.0	
24.00	47.4	12.5	
25.00	52.7	16.5	
26.00	32.0	9.0	
27.00	26.2	6.5	
28.00	44.7	11.5	
29.00	41.4	13.5	
30.00	47.9	0.0	
31.00	42.1	15.5	
32.00	45.0	6.5	
33.00	65.9	10.5	
34.00	53.7	11.0	
35.00	11.8	2.5	
36.00	11.1	2.5	
37.00	26.0	0.5	
38.00	34.0	5.0	
39.00	8.7	2.5	
40.00	87.1	9.0	
41.00	131.0	12.5	
42.00	13.2	2.0	
43.00	10.6	0.5	
44.00	143.0	14.0	
45.00	313.0	26.5	
46.00	32.6	8.5	
47.00	17.9	2.0	
48.00	64.9	6.5	
49.00	323.0	22.5	
50.00	538.0	43.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
51.00	27.8	8.5	
52.00	34.7	9.0	
53.00	28.3	8.5	
54.00	28.2	8.0	
55.00	31.1	10.5	
56.00	30.8	11.0	
57.00	37.4	4.5	
58.00	39.8	10.0	
59.00	41.8	8.0	
60.00	32.7	6.0	
61.00	36.7	6.5	
62.00	38.1	8.0	
63.00	46.3	6.5	
64.00	49.8	7.0	
65.00	66.9	10.0	
66.00	57.2	7.5	
67.00	42.5	6.5	
68.00	56.6	8.0	
69.00	58.2	8.5	
70.00	65.8	9.0	
71.00	48.2	8.5	
72.00	57.2	8.0	
73.00	47.5	7.5	
74.00	44.5	7.5	
75.00	45.9	8.5	
76.00	50.4	9.5	
77.00	48.0	9.5	
78.00	51.9	9.0	
79.00	46.2	8.5	
80.00	49.3	9.5	
81.00	46.0	9.5	
82.00	45.5	10.0	
83.00	45.8	9.5	
84.00	42.2	9.5	
85.00	47.7	11.0	
86.00	49.2	10.0	
87.00	50.5	10.0	
88.00	68.1	13.0	
89.00	54.4	11.5	
90.00	56.1	11.0	
91.00	69.5	12.0	
92.00	62.3	10.5	
93.00	59.2	10.0	
94.00	58.3	10.0	
95.00	46.0	9.5	
96.00	43.2	10.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
97.00	48.9	11.0	
98.00	45.6	10.0	
99.00	49.8	11.5	
100.00	42.8	11.5	
101.00	44.0	12.0	
102.00	46.3	11.0	
103.00	38.0	9.0	
104.00	37.7	10.0	
105.00	42.4	10.5	
106.00	48.2	10.0	
107.00	41.7	10.5	
108.00	59.3	12.0	
109.00	58.4	13.0	
110.00	64.6	13.0	
111.00	61.0	13.5	
112.00	58.3	12.5	
113.00	64.3	13.0	
114.00	52.4	11.0	
115.00	66.8	16.0	
116.00	56.0	10.5	
117.00	67.7	13.0	
118.00	52.4	11.0	
119.00	55.9	11.0	
120.00	57.2	11.0	
121.00	60.9	11.5	
122.00	61.0	10.5	
123.00	57.2	1.5	
124.00	54.7	12.5	
125.00	52.7	12.0	
126.00	54.8	12.0	
127.00	39.1	9.0	
128.00	43.4	10.5	
129.00	51.6	11.0	
130.00	59.4	12.0	
131.00	60.8	14.0	
132.00	61.8	12.5	
133.00	56.2	13.0	
134.00	80.3	14.5	
135.00	48.7	11.5	
136.00	50.1	11.5	
137.00	53.8	12.0	
138.00	51.9	10.5	
139.00	46.1	11.0	
140.00	70.5	14.5	
141.00	39.5	7.0	
142.00	55.5	8.5	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
143.00	36.8	9.5	
144.00	45.6	12.0	
145.00	51.9	16.0	
146.00	51.1	10.5	
147.00	42.4	8.5	
148.00	42.7	6.0	
149.00	52.9	6.5	
150.00	39.3	5.0	
151.00	49.9	6.5	
152.00	61.3	8.5	
153.00	65.5	10.0	
154.00	74.5	11.5	
155.00	58.2	8.0	
156.00	81.8	12.5	
157.00	68.6	8.0	
158.00	51.0	7.5	
159.00	65.7	10.5	
160.00	64.1	10.5	
161.00	38.1	6.5	
162.00	83.0	10.5	
163.00	87.2	11.0	
164.00	105.0	13.0	
165.00	75.6	10.0	
166.00	111.0	13.0	
167.00	122.0	14.5	
168.00	100.0	12.5	
169.00	124.0	14.5	
170.00	84.5	10.5	
171.00	87.3	10.0	
172.00	121.0	14.0	
173.00	3.4	0.5	
174.00	3.0	3.5	
175.00	2.1	1.0	
176.00	0.2	0.0	
177.00	0.2	0.0	
178.00	0.4	0.0	
179.00	1.2	0.5	
180.00	0.4	0.0	
181.00	0.3	0.0	
182.00	0.2	0.5	
183.00	0.4	0.5	
184.00	0.5	0.0	
185.00	0.4	0.0	
186.00	0.6	1.0	
187.00	0.6	0.0	
188.00	2.7	0.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
189.00	6.8	0.0	
190.00	10.5	0.5	
191.00	35.4	1.0	
192.00	0.2	3.0	
193.00	1.3	0.0	
194.00	144.0	0.0	
195.00	4.4	13.5	
196.00	0.9	0.5	
197.00	0.9	0.0	
198.00	1.1	1.0	
199.00	2.9	0.0	
200.00	0.8	0.5	
201.00	0.4	0.0	
202.00	0.7	0.0	
203.00	0.4	0.0	
204.00	2.5	0.5	
205.00	0.6	0.0	
206.00	40.5	0.0	
207.00	9.5	3.5	
208.00	47.8	8.5	
209.00	11.0	0.0	
210.00	3.7	4.0	
211.00	8.0	1.0	
212.00	117.0	7.0	
213.00	16.3	1.5	
214.00	16.1	1.5	
215.00	111.0	9.5	
216.00	196.0	16.0	
217.00	281.0	23.5	
218.00	263.0	20.5	
219.00	204.0	17.5	
220.00	119.0	11.0	
221.00	246.0	20.5	
222.00	179.0	16.5	
223.00	28.6	3.0	
224.00	24.2	2.5	
225.00	35.2	4.0	
226.00	24.8	4.5	
227.00	36.0	5.0	
228.00	24.6	3.5	
229.00	23.1	3.5	
230.00	22.2	3.0	
231.00	47.2	6.5	
232.00	17.7	3.0	
233.00	20.4	3.5	
234.00	27.1	5.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
235.00	17.6	3.0	
236.00	27.4	4.5	
237.00	22.4	4.0	
238.00	20.3	3.5	
239.00	16.9	5.0	
240.00	26.2	6.0	
241.00	18.1	3.0	
242.00	17.9	3.5	
243.00	12.4	1.0	
244.00	5.5	1.0	
245.00	16.8	10.0	
246.00	15.3	3.5	
247.00	11.8	1.5	
248.00	17.4	0.0	
249.00	15.6	3.5	
250.00	14.8	3.0	
251.00	17.7	3.0	
252.00	13.5	2.5	
253.00	15.4	3.0	
254.00	16.4	2.5	
255.00	13.9	4.0	
256.00	13.8	3.0	
257.00	15.9	2.5	
258.00	15.7	3.5	
259.00	12.9	2.5	
260.00	11.7	3.0	
261.00	16.7	5.0	
262.00	14.2	3.5	
263.00	15.9	3.5	
264.00	15.5	3.0	
265.00	2.0	2.0	
266.00	1.7	2.0	
267.00	1.9	0.0	
268.00	28.6	4.5	
269.00	0.9	0.0	
270.00	0.9	0.5	
271.00	26.9	3.0	
272.00	32.5	5.0	
273.00	26.9	2.5	
274.00	33.3	4.5	
275.00	47.3	5.0	
276.00	11.6	1.5	
277.00	4.2	1.0	
278.00	0.6	0.5	
279.00	0.7	3.5	
280.00	12.0	9.0	

Depth (m)	Magnetic_susceptibility	Conductivity (S/m)	Notes
281.00	10.9	1.0	
282.00	16.6	2.5	
283.00	14.3	4.0	
284.00	19.7	5.5	
285.00	24.5	4.5	
286.00	23.7	6.5	
287.00	31.3	3.5	
288.00	16.2	2.5	
289.00	20.9	4.5	
290.00	18.8	4.5	
291.00	20.6	4.0	
292.00	23.3	2.0	
293.00	37.3	4.0	
294.00	63.3	7.0	
295.00	24.5	4.0	
296.00	23.3	4.0	
297.00	23.0	6.0	
298.00	24.3	3.0	
299.00	56.3	8.5	
300.00	23.9	3.0	
301.00	51.9	0.0	
302.00	27.6	3.0	
303.00	57.1	4.5	
304.00	22.1	2.5	
305.00	40.6	4.5	
306.00	60.5	5.5	
307.00	42.3	4.5	
308.00	45.5	3.5	
309.00	62.3	5.5	
310.00	69.6	6.5	
311.00	39.2	4.5	
312.00	42.4	10.5	

APPENDIX F:

LOGS FOR RE-LOGGED DRILL HOLES

Detailed Log Report
Hole Number 03-EK-02

Project		Coordinates		Collar			
Project Name:	Eva-Kitto	**Primary Coordinates Grid:**	**UTM83-16**	**Collar Dip:**	-45.00	**Collar Az:**	245.00
Project Code:	036	**North:**	5,487,472.00	**Length:**	345.00		
Location:		**East:**	418,443.00	**Hole Size:**	BQ		
Start Date:		**Elev:**	325.00	**Hole Type:**	DD		
Completed Date:		**Destination Coordinates Grid:**	**LL83**	**Casing:**			
Contractor:		**North:**	49.53	**Collar Survey:**	N	**Plugged:**	N
Core Storage:		**East:**	-88.13	**Multishot Survey:**	N	**Pulse EM Survey:**	N
Units:	METRIC	**Elev:**	325.00				

Comments: RE-LOGGING OF HISTORIC HOLE 03-EK-02. CORE STORED AT SECURE STORE, LOCATED <5km NORTH OF THUNDER BAY ON HWY. 527. CORE IS IN GOOD CONDITION, BLOCKS GENERALLY IN PLACE. NEAR THE MIDDLE OF THE HOLE THERE ARE A NUMBER OF INTERVALS OF CUT CORE THAT WAS NOT SAMPLED. THE UPPER HALF OF THE CUT CORE IS NOW SCATTERED ACROSS A NUMBER OF BOXES AND CANNOT BE SAMPLED CONFIDENTLY. ANY SAMPLING HERE WILL REQUIRE QUARTERING OF THE LOWER HALF OF THE CORE.

Detailed Lithology

From	To	Lithology
0.00	94.00	**IPDT, Peridotite**

UPPER ULTRAMAFIC ZONE: LAYERED OLIVINE MELAGABBRO TO PERIDOTITE. LAYERING OCCURS OVER APPROXIMATELY 5m, DOMINATED BY AN UPPER HORIZON OF PLAGIOCLASE BEARING OLIVINE MELAGABBRO AND A LOWER ZONE (<1m) OF PLAGIOCLASE FREE PERIDOTITE.

Alteration:

0.00 - 94.00: Serpentinization, Pervasive, Weak

0.00 - 94.00: Chlorite, Veins, Weak

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591477	15.00	16.00	1.00	0.011	0.006	0.001	1,010.000	54.000	135.000	0.040
J591478	20.00	21.00	1.00	0.009	0.006	0.003	1,130.000	47.000	143.000	0.040
J591479	25.00	26.00	1.00	0.008	0.005	0.001	1,170.000	92.000	147.000	0.050
J591480	30.00	31.00	1.00	0.008	0.006	0.001	1,160.000	34.000	142.000	0.040
J591481	35.00	36.00	1.00	0.009	0.006	0.001	1,130.000	65.000	141.000	0.060
J591482	40.00	41.00	1.00	0.009	0.006	0.001	1,110.000	37.000	140.000	0.050
J591483	45.00	46.00	1.00	0.007	0.003	0.001	1,040.000	24.000	126.000	0.040
J591484	50.00	51.00	1.00	0.006	0.004	0.001	1,120.000	45.000	138.000	0.060
J591485	55.00	56.00	1.00	0.006	0.004	0.001	1,160.000	22.000	145.000	0.050
J591486	60.00	61.00	1.00	0.007	0.004	0.001	1,170.000	16.000	129.000	0.030
J591487	65.00	66.00	1.00	0.006	0.002	0.001	1,100.000	38.000	119.000	0.040
J591488	70.00	71.00	1.00	0.007	0.005	0.001	1,200.000	19.000	143.000	0.060
J591489	74.50	75.50	1.00	0.010	0.006	0.001	1,160.000	24.000	137.000	0.070
J591490	80.00	81.00	1.00	0.012	0.009	0.001	1,270.000	68.000	150.000	0.060
J591491	85.00	86.00	1.00	0.008	0.006	0.001	1,310.000	87.000	148.000	0.060
J591492	90.00	91.00	1.00	0.014	0.018	0.001	1,290.000	80.000	146.000	0.060

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
Texture: **0.00 - 94.00: Massive** **0.00 - 94.00: Adcumulate** OLIVINE/PYROXENE CUMULATE **0.00 - 94.00: Fine Grained - Medium Grained**													
94.00	94.10	**IGD, Gabbroic dykes** CHILLED GABBRO DYKE. **Texture:** **94.00 - 94.10: Massive** **94.00 - 94.10: Chilled Margin**											
94.10	94.80	**IPDT, Peridotite** AS ABOVE, OLIVINE MELAGABBRO TO PERIDOTITE. **Alteration:** **94.10 - 94.80: Chlorite, Veins, Weak** **94.10 - 94.80: Serpentinization, Pervasive, Weak** **Texture:** **94.10 - 94.80: Massive** **94.10 - 94.80: Adcumulate** OLIVINE/PYROXENE CUMULATE **94.10 - 94.80: Fine Grained - Medium Grained**											
94.80	95.40	**IGD, Gabbroic dykes** CHILLED GABBRO DYKE. **Texture:** **94.80 - 95.40: Massive** **94.80 - 95.40: Chilled Margin**											
95.40	142.50	**IPDT, Peridotite**											

From	To	Lithology
		UPPER ULTRAMAFIC UNIT: AS ABOVE, OLIVINE MELAGABBRO TO PERIDOTITE. DIFFUSE CONTACT WITH LOWER OLIVINE MELAGABBRO UNIT MARKED AT FIRST OCCURENCE OF XENOLITHS. **Texture:** **95.40 - 142.50: Massive** **95.40 - 142.50: Adcumulate** OLIVINE/PYROXENE CUMULATE **95.40 - 142.50: Fine Grained - Medium Grained**
142.50	147.90	**IOMGB, Olivine Melagabbro** XENOLITHIC OLIVINE MELAGABBRO: VARITEXTURED AND XENOLITH BEARING OLIVINE MELAGABBRO. XENOLITHS LOOK LIKE PARTIALLY DIGESTED OVERLYING PERIDOTITE. OVERAL AVERAGES 20-35% PLAGIOCLASE, 5-10% OLIVINE, 50-60% PYROXENE AND 1-2% BIOTITE. TRACE VERY F.G BLEBS OF PY-PO-CPY. **Alteration:** **142.50 - 147.90: Serpentinization, Pervasive, Weak** **Mineralization:** **142.50 - 147.90: Pyrrhotite/Pyrite/Chalcopyrite, Disseminated, 1%** **Texture:** **142.50 - 147.90: Coarse Grained** **142.50 - 147.90: Varitextured**
147.90	180.00	**IMGB, Melagabbro** LOWER ULTRAMAFIC UNIT: MELAGABBRO TO OLIVINE MELAGABBRO. 20-35% PLAGIOCLASE, 5-10% OLIVINE, 50-60% CPX+OPX AND 1-2% BIOTITE. DOMINANTLY A FINE GRAINED TO MEDIUM GRAINED PYROXENE CUMMULATE WITH NO SERPENTINE ALTERATION. TRACE PY-PO-CPY TO 15Om, AND FROM 169-180m.

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591493	95.50	96.50	1.00	0.011	0.007	0.001	1,320.000	36.000	150.000	0.060
J591494	100.00	101.00	1.00	0.009	0.005	0.001	1,280.000	23.000	134.000	0.060
J591495	105.00	106.00	1.00	0.012	0.009	0.001	1,250.000	17.000	133.000	0.050
J591496	110.00	111.00	1.00	0.009	0.006	0.001	1,330.000	19.000	141.000	0.060
J591497	115.00	116.00	1.00	0.009	0.005	0.001	1,320.000	40.000	140.000	0.080
J591498	120.00	121.00	1.00	0.008	0.005	0.001	1,280.000	81.000	139.000	0.070
J591499	125.00	126.00	1.00	0.009	0.009	0.001	1,270.000	66.000	131.000	0.070
J591500	130.00	131.00	1.00	0.013	0.010	0.001	1,360.000	58.000	135.000	0.100
J591501	135.00	136.00	1.00	0.018	0.020	0.001	1,230.000	75.000	132.000	0.090
J591502	140.00	141.00	1.00	0.021	0.017	0.001	1,320.000	86.000	136.000	0.090
J591503	141.00	142.00	1.00	0.019	0.014	0.001				0.100
J591505	143.00	144.00	1.00	0.016	0.012	0.001				0.100
J591506	144.00	145.00	1.00	0.014	0.012	0.001				0.110
J591507	145.00	146.00	1.00	0.015	0.015	0.001	1,290.000	61.000	132.000	0.120
J591508	146.00	147.00	1.00	0.017	0.017	0.002				0.090
J591510	148.00	149.00	1.00	0.015	0.014	0.001				0.100
J591511	149.00	150.00	1.00	0.016	0.016	0.001				0.090
J591512	150.00	151.00	1.00	0.015	0.017	0.001	1,260.000	45.000	125.000	0.100
J591513	155.00	156.00	1.00	0.015	0.012	0.001	1,210.000	91.000	124.000	0.100
J591514	160.00	161.00	1.00	0.012	0.012	0.001	1,240.000	53.000	125.000	0.100
J591515	165.00	166.00	1.00	0.010	0.010	0.001	1,080.000	101.000	117.000	0.090
J591516	174.00	175.50	1.50	0.027	0.044	0.004	1,110.000	287.000	133.000	0.220

From	To	Lithology
		Mineralization:
		147.90 - 150.00: Pyrrhotite/Pyrite/Chalcopyrite, Disseminated, 1%
		TRACE
		169.00 - 180.00: Pyrrhotite/Pyrite, Disseminated, 1%
		TRACE
		Texture:
		147.90 - 180.00: Fine Grained - Medium Grained
		147.90 - 180.00: Adcumulate
		PYROXENE CUMULATE
180.00	255.80	**IPDT, Peridotite**
		ALTERED PERIDOTITE TO PYROXENITE: STRONGLY OIKOCRYSTIC. COARSE GRAINED OIKOCRYSTS OF AMPHIBOLE ALTERED FROM PYROXENE ENCLOSE PYROXENE AND OLIVINE CHADACRYSTS. FROM 208.5-237 THE UNIT IS PARTICULARILY STRONGLY ATLERED WITH CPX CHADACRYSTS GIVING THE CORE A SPOTTED APPEARANCE. OLIVINE IS STRONGLY ALTERED TO SERPENTINE/TALC/CHLORITE.
		Alteration:
		180.00 - 193.60: Serpentinization, Veins, Moderate
		SERPENTINE AND TALC ALTERATION
		180.00 - 208.50: Hornblende, Pervasive, Moderate
		PHENOCRYSTS OF PYROXENE APPEAR TO BE ALTERED TO AMPHIBOLE
		208.50 - 255.80: Hornblende, Pervasive, Strong
		Texture:
		180.00 - 208.50: Adcumulate
		PYROXENE CUMULATE, ALTERED TO AMPHIBOLE
		180.00 - 208.50: Fine Grained - Medium Grained
		208.50 - 255.80: Medium Grained
		208.50 - 255.80: Oikocrysts
		AMPHIBOLE OIKOCRYSTS ENCLOSE PYROXENE AND OLIVINE
255.80	274.50	**IMGB, Melagabbro**
		LOWER MELAGABBRO UNIT. OLIVINE AND BIOTITE BEARING UNIT WITH MAXIMUM OF 10% FINE GRAINED OLIVINE. GRADUAL TRANSITION TO MORE GABBROIC UNDERLYING COMPOSITION.

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591517	187.00	188.50	1.50	0.101	0.147	0.017	1,750.000	615.000	149.000	0.160
J591518	197.50	199.00	1.50	0.102	0.166	0.013	1,940.000	576.000	151.000	0.260
J591519	220.00	221.00	1.00	0.013	0.017	0.002	943.000	127.000	127.000	0.160
J591520	225.00	226.00	1.00	0.007	0.006	0.001	867.000	82.000	127.000	0.120
J591521	230.00	231.00	1.00	0.013	0.008	0.001	870.000	85.000	121.000	0.100
J591522	235.00	236.00	1.00	0.037	0.044	0.008	1,040.000	305.000	137.000	0.270
J591523	240.00	241.00	1.00	0.005	0.001	0.001	757.000	41.000	113.000	0.080
J591524	245.00	246.00	1.00	0.009	0.007	0.002	765.000	67.000	115.000	0.080
J591525	250.00	251.00	1.00	0.011	0.008	0.001	702.000	64.000	105.000	0.120
J591527	260.00	261.00	1.00	0.013	0.012	0.002	686.000	92.000	104.000	0.090
J591528	265.00	266.00	1.00	0.009	0.003	0.001	466.000	87.000	83.000	0.110
J591529	269.00	270.00	1.00	0.013	0.005	0.003	492.000	78.000	85.000	0.120

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
Alteration:													
255.80 - 274.50: Chlorite, Veins, Weak													
Mineralization:													
271.50 - 274.40: Pyrrhotite/Pyrite/Chalcopyrite, Disseminated, TRACE%													
Texture:													
255.80 - 274.50: Massive													
255.80 - 274.50: Medium Grained													
258.00 - 258.50: Xenolithic													
274.50	307.05	**IGBO, Olivine Gabbro**											
LOWER GABBROIC UNIT. REVERSE FRACTIONATION TOWARDS LOWER CONTACT. 5% COARSE, BLEBBY CPY-PY FROM 274.4-275.5m. 1% DISSEMINATED PY-PO-CPY FROM 271.1-274.4m. TRACE PY-PO-CPY FROM 274.5-284.5m. RARE XENOLITHS AS INDICATED IN TEXTURAL LOG. NO WELL DEVELOPED CHILL MARGIN.			J591530	275.00	276.00	1.00	0.056	0.077	0.010	724.000	466.000	89.000	0.270
			J591531	280.00	281.00	1.00	0.010	0.005	0.001	542.000	84.000	86.000	0.180
			J591532	285.00	286.00	1.00	0.010	0.007	0.001	539.000	90.000	86.000	0.150
			J591533	290.00	291.00	1.00	0.010	0.004	0.001	505.000	83.000	84.000	0.080
			J591534	295.00	296.00	1.00	0.011	0.009	0.001	665.000	105.000	103.000	0.160
			J591535	298.50	300.00	1.50	0.012	0.007	0.002				0.160
			J591536	300.00	301.50	1.50	0.009	0.008	0.002	412.000	127.000	74.000	0.120
			J591537	301.50	303.00	1.50	0.008	0.005	0.001				0.120
			J591538	303.00	304.00	1.00	0.010	0.007	0.001				0.080
Mineralization:													
274.50 - 277.50: Pyrrhotite/Pyrite/Chalcopyrite, Disseminated, 1%													
284.50 - 284.50: Pyrrhotite/Pyrite/Chalcopyrite, Trace													
Texture:													
274.50 - 306.60: Subophitic													
274.50 - 306.60: Fine Grained - Medium Grained													
307.05	327.90	**SBIF-Sul, Sulphide facies iron formation**											
BANDED IRON FORMATION. SULFIDE FACIES WITH UP TO 20% PY AND MINOR CPY. BLACK IN COLOUR, STRONGLY MAGNETIC. ABUNDANT FRACTURES, VEINS OF SULFIDE AND CARBONATE.			J591539	311.30	312.00	0.70	0.005	0.001	0.004				2.440
			J591540	312.00	313.50	1.50	0.005	0.001	0.004				2.470
			J591541	313.50	315.00	1.50	0.005	0.001	0.008				2.430
			J591542	315.00	316.50	1.50	0.005	0.001	0.011				2.030
			J591543	316.50	318.00	1.50	0.005	0.001	0.017				2.660
			J591544	318.00	319.50	1.50	0.005	0.001	0.031				2.370
			J591545	319.50	321.00	1.50	0.005	0.001	0.028				3.680
			J591546	321.00	322.50	1.50	0.005	0.001	0.017				1.910
			J591547	322.50	324.00	1.50	0.005	0.001	0.004				0.660
			J591548	324.00	325.50	1.50	0.005	0.001	0.007				0.950
			J591549	325.50	327.00	1.50	0.005	0.001	0.008				1.970

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		Alteration: **307.05 - 327.90: Ankerite, Banded, Strong** BROWN CLAY ALTERATION **Mineralization:** **307.05 - 327.90: Pyrite, Banded, 10-20%** MINOR CHALCOPYRITE AS WELL **Texture:** **307.05 - 327.90: Banded**											
327.90	345.00	**VMMF, Massive flow** GREEN/GREY MAFIC VOLCANICS. ABUNDANT QUARTZ CARBONATE VEINING. 1-2% PY IN VEINS/DISSEMINATED. **Alteration:** **327.90 - 345.00: Carbonate, Veins, Moderate** QUARTZ CARBONATE VEINS THROUGHOUT **Mineralization:** **327.90 - 345.00: Pyrite, Veins, 2%** **Texture:** **327.90 - 345.00: Foliated** **327.90 - 345.00: Fine Grained - Aphanitic**											

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	245.00	-45.00	REFLEX	O	
345.00	245.00	-45.00	REFLEX	O	

Detailed Log Report
Hole Number EK-03-03

Project		Coordinates		Collar			
Project Name:	Eva-Kitto	**Primary Coordinates Grid:**	**UTM83-16**	**Collar Dip:**		**Collar Az:**	
Project Code:	036	**North:**	5,486,394.00	**Length:**	183.00		
Location:		**East:**	417,827.00	**Hole Size:**	BQ		
Start Date:	Jul 21, 2015	**Elev:**	325.00	**Hole Type:**	DD		
Completed Date:		**Destination Coordinates Grid:**	**LL83**	**Casing:**			
Contractor:		**North:**	49.52	**Collar Survey:**	N	**Plugged:**	N
Core Storage:		**East:**	-88.14	**Multishot Survey:**	N	**Pulse EM Survey:**	N
Units:	METRIC	**Elev:**	325.00				

Detailed Lithology

From	To	Lithology
0.00	9.50	**CAS, CASING AND OVERBURDEN**
9.50	33.00	**IPDT, Peridotite** HEMATIZED PERIDOTITE. 40-50% PYROXENE, 20-30% OLIVINE, 5-15% PLAGIOCLASE, 10% BIOTITE. GRADATIONAL LOWER CONTACT WITH UNDERLYING OLIVINE MELAGABBRO **Alteration:** **14.20 - 25.70: Hematite, Veins, Weak** **25.70 - 33.00: Hematite, Pervasive, Moderate** **Texture:** **9.50 - 33.00: Medium Grained** **9.50 - 33.00: Oikocrysts** PYROXENE OIKOCRYSTS
33.00	130.50	**IOMGB, Olivine Melagabbro**

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J564013	10.00	11.00	1.00	0.008	0.005	0.001	1,095.000	29.000	131.000	0.060
J564014	15.00	16.00	1.00	0.008	0.006	0.001	1,100.000	20.000	132.000	0.050
J564015	20.00	21.00	1.00	0.008	0.005	0.001	1,230.000	26.000	135.000	0.040
J564016	25.00	26.00	1.00	0.009	0.006	0.001	1,265.000	32.000	145.000	0.020
J564017	30.00	31.00	1.00	0.008	0.006	0.001	1,315.000	28.000	149.000	0.030

From	To	Lithology
		OLIVINE MELAGABBRO. WEAK HEMATITE ALTERATION ALONG VEINS TO 38.5m. ISOLATED LATE FAULT BRECCIAS THROGHOUT AS INDICATED IN TEXTURAL LOG.

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J564018	35.00	36.00	1.00	0.011	0.009	0.001	1,310.000	46.000	146.000	0.030
J564019	40.00	41.00	1.00	0.013	0.011	0.001	1,415.000	57.000	156.000	0.040
J564020	45.00	46.00	1.00	0.010	0.009	0.002	1,400.000	56.000	152.000	0.040
J564021	50.00	51.00	1.00	0.011	0.010	0.001	1,400.000	70.000	153.000	0.050
J564022	54.00	55.00	1.00	0.011	0.008	0.001	1,425.000	64.000	157.000	0.050
J564023	60.00	61.00	1.00	0.008	0.006	0.001	1,370.000	36.000	154.000	0.050
J564024	65.00	66.00	1.00	0.012	0.008	0.001	1,325.000	67.000	149.000	0.050
J564025	70.00	71.00	1.00	0.010	0.008	0.001	1,390.000	59.000	151.000	0.040
J564026	75.00	76.00	1.00	0.009	0.006	0.001	1,415.000	86.000	153.000	0.060
J564027	80.00	81.00	1.00	0.010	0.007	0.001	1,335.000	70.000	145.000	0.050
J564028	85.00	86.00	1.00	0.011	0.014	0.001	1,295.000	78.000	142.000	0.040
J564029	90.00	91.00	1.00	0.011	0.007	0.001	1,200.000	59.000	136.000	0.060
J564030	95.00	96.00	1.00	0.010	0.005	0.001	1,080.000	62.000	123.000	0.060
J564031	100.00	101.00	1.00	0.009	0.005	0.001	1,020.000	69.000	116.000	0.070
J564032	105.00	106.00	1.00	0.012	0.015	0.002	1,015.000	85.000	117.000	0.170
J564033	110.00	111.00	1.00	0.023	0.014	0.002	675.000	107.000	97.000	0.070
J564034	115.00	116.00	1.00	0.034	0.022	0.005	705.000	129.000	97.000	0.060
J564035	125.00	126.00	1.00	0.011	0.008	0.002	870.000	118.000	108.000	0.050

Alteration:

33.00 - 38.50: Hematite, Veins, Weak

33.00 - 109.60: Serpentinization, Veins, Weak

Texture:

33.00 - 130.50: Medium Grained

33.00 - 130.50: Oikocrysts

PYROXENE OIKOCRYSTS

49.10 - 49.20: Brecciated

FAULT BRECCIA

56.40 - 56.50: Brecciated

FAULT BRECCIA

66.20 - 66.90: Brecciated

FAULT BRECCIA

72.00 - 72.20: Brecciated

FAULT BRECCIA

87.50 - 87.60: Brecciated

FAULT BRECCIA

From	To	Lithology
130.50	150.00	**IGB, Gabbro**
		LOWER MARGINAL GABBRO. ALL PLAGIOCLASE ARE STAINED RED-PINK DUE TO HEMATITE ALTERATION. VARIABLY COMPETENT, WITH SOME INTERVALS BEING WEATHERED TO SANDY-MUD. MISSING CORE FROM 144-147.4m.

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J564036	131.00	132.00	1.00	0.023	0.011	0.006	293.000	121.000	63.000	0.030
J564037	135.00	136.00	1.00	0.014	0.005	0.003	183.000	50.000	46.000	0.020
J564038	139.50	140.50	1.00	0.021	0.008	0.002	315.000	54.000	64.000	0.020

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
Alteration: **136.20 - 144.00: Chlorite, Pervasive, Moderate** **136.20 - 144.00: Hematite, Pervasive, Moderate** **Structure:** **150.00 - 150.00: Contact** **Texture:** **130.50 - 150.00: Subophitic** **130.50 - 150.00: Medium Grained** **149.40 - 150.00: Pyroxene Phyric** **149.40 - 150.00: Chilled Margin**													
150.00	163.50	**ROSS, Rossport Fm** CALCAREOUS SANDSTONE/SILTSTONE **Texture:** **150.00 - 163.50: Medium Grained** **150.00 - 163.50: Bedded**											
163.50	173.50	**NIP, Nipigon Sills** CHILLED GABBROIC SILL. TEXTURALLY SIMILAR TO NIPIGON SILLS. CHILLED UPPER AND LOWER MARGINS. **Structure:** **163.50 - 163.50: Contact** **173.50 - 173.50: Contact** **Texture:** **163.50 - 163.50: Chilled Margin** CHILLED UPPER MARGIN **163.50 - 173.50: Fine Grained - Medium Grained** **173.50 - 173.50: Chilled Margin** CHILLED LOWER MARGIN											
173.50	183.00	**ROSS, Rossport Fm** LOWER ROSSPORT FORMATION OR PASS LAKE FORMATION SANDSTONE. SLIGHTLY CALCAREOUS. WORMY QUARTZ GROWTHS OBSERVED, POSSIBLY RECRYSTALIZATION DUE TO HORNFELSING. **Alteration:** **173.50 - 183.00: Epidote, Pervasive, Weak** **Texture:** **173.50 - 183.00: Massive** **173.50 - 183.00: Fine Grained - Medium Grained**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	360.00	-90.00	REFLEX	O	
183.00	360.00	-90.00	REFLEX	O	

Detailed Log Report
Hole Number EK-03-04

Project		Coordinates		Collar			
Project Name:	Eva-Kitto	**Primary Coordinates Grid:**	**UTM83-16**	**Collar Dip:**		**Collar Az:**	
Project Code:	036	**North:**	5,486,667.00	**Length:**	210.00		
Location:		**East:**	417,977.00	**Hole Size:**	BQ		
Start Date:	Jul 21, 2015	**Elev:**	325.00	**Hole Type:**	DD		
Completed Date:		**Destination Coordinates Grid:**	**LL83**	**Casing:**			
Contractor:		**North:**	49.53	**Collar Survey:**	N	**Plugged:**	N
Core Storage:		**East:**	-88.13	**Multishot Survey:**	N	**Pulse EM Survey:**	N
Units:	METRIC	**Elev:**	325.00				

Detailed Lithology

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
0.00	7.50	**CAS, CASING AND OVERBURDEN**											
7.50	50.60	**NIP, Nipigon Sills** NIPIGON SILL. CHILLED LOWER MARGIN WITH UNDERLYING EVA-KITTO INTRUSION. **Structure:** **50.60 - 50.60: Contact** SHARP CHILLED CONTACT **Texture:** **7.50 - 50.00: Subophitic** **50.00 - 50.60: Chilled Margin**											
50.60	61.00	**IOMGB, Olivine Melagabbro** STRONGLY HEMATITE ALTERED OLIVINE MELAGABBRO. DEEP RED COLOUR THROUGHOUT. PLAGIOCLASE PORPHYRITIC TEXTURE. **Alteration:** **50.60 - 61.00: Hematite, Pervasive, Strong** GIVES CORE A DEEP RED COLOUR **Texture:** **50.60 - 61.00: Play Phyric** EUHEDRAL PLAGIOCLASE PHENOCRYSTS THROUGHOUT **50.60 - 61.00: Medium Grained**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
61.00	84.20	**IPDT, Peridotite** UPPER PERIDOTITE ZONE. RED COLOUR DUE TO HEMATITE ALTERATION TO 75m. WEAK SERPENTINE ALTERATION. GRADATIONAL CONTACT WITH UNDERLYING OLIVINE MELAGABBRO. **Alteration:** **61.00 - 75.00: Hematite, Veins, Weak** PROGRESSIVELY WEAKENS DOWNHOLE UNTIL ABSENT. **61.00 - 84.20: Serpentinization, Veins, Weak** **Texture:** **61.00 - 84.20: Oikocrysts** PYROXENE OIKOCRYSTS ENCLOSE OLIVINE **61.00 - 84.20: Medium Grained**											
84.20	105.80	**IOMGB, Olivine Melagabbro** OLIVINE MELAGABBRO. GRADATIONAL CONTACT MARKED WHERE PLAGIOCLASE CONTENT >10%. NOT SERPENTINE ALTERED. **Texture:** **84.20 - 105.80: Oikocrysts** PYROXENE OIKOCYRSTS ENCLOSE OLVINE CHADACRYSTS **84.20 - 105.80: Medium Grained**											
105.80	168.50	**IPDT, Peridotite** FAIRLY MASSIVE UNIT WITH POSSIBLE CRYPTIC LAYERING REPRESENTED BY INTENSITY OF SERPENTINE ALTERATION. GRADATIONAL CONTACT WITH UNDERLYING OLIVINE MELAGABBBRO. **Alteration:** **105.80 - 146.00: Serpentinization, Veins, Weak** **Texture:** **105.80 - 168.50: Laminated, banded** WEAK IGNEOUS LAYERING **105.80 - 168.50: Mesocumulate** CLINOPYROXENE/OLIVINE CUMULATE **105.80 - 168.50: Oikocrysts** WEAK PYROXENE OIKOCRYSTIC TEXTURE **105.80 - 168.50: Medium Grained** **123.60 - 123.80: Brecciated** FAULT BRECCIA?											
168.50	204.10	**IOMGB, Olivine Melagabbro**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		BASAL OLIVINE MELAGABBRO. FRACTIONATES TO A MORE GABBROIC COMPOSITION AS THE LOWER CHILLED MARGIN IS APPROACHED. STRONGLY WEATHERED FROM 192-202m AND 183-188.4m. LOWER CONTACT NOT OBSERVED DUE TO BROKEN/MISSING CORE. **Texture:** **168.50 - 202.30: Medium Grained** GRADUALLY FINES DOWNHOLE **168.50 - 204.10: Oikocrysts** **202.00 - 204.10: Pyroxene Phyric** DISTINCT TEXTURE WITH F.G-M.G. BLACK PYROXENE PHENOCRYSTS GIVING CORE A SPOTTED APPEARANCE **202.30 - 204.10: Chilled Margin** LOWER CONTACT NOT PRESENT DUE TO BROKEN/MISSING CORE BUT CORE BEGINS RAPIDLY FINING THROUGH THIS INTERVAL											
204.10	207.80	**ROSS, Rossport Fm** ROSSPORT FORMATION CALCAREOUS MUDSTONES. WHITE-GREEN COLOUR AND STRONGLY WEATHERED (CRUMBLES). **Texture:** **204.10 - 207.80: Broken Core** BROKEN CORE WITH POOR COMPETANCY **204.10 - 207.80: Bedded**											
207.80	208.10	**IGD, Gabbroic dykes** FINE GRAINED, CHILLED MAFIC DYKE. **Texture:** **207.80 - 208.10: Massive** **207.80 - 208.10: Chilled Margin** **207.80 - 208.10: Fine Grained**											
208.10	210.00	**ROSS, Rossport Fm** AS ABOVE, GREEN/WHITE CALCAREOUS MUDSTONE. **Texture:** **208.10 - 210.00: Bedded**											

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	25.00	-50.00	REFLEX	O	
210.00	25.00	-50.00	REFLEX	O	

Detailed Log Report
Hole Number EK-07-02

Project		Coordinates		Collar			
Project Name:	Eva-Kitto	**Primary Coordinates Grid:**	**UTM83-16**	**Collar Dip:**		**Collar Az:**	
Project Code:	036	**North:**	5,491,709.00	**Length:**	302.00		
Location:		**East:**	419,020.00	**Hole Size:**	NQ		
Start Date:	Jul 08, 2015	**Elev:**	325.00	**Hole Type:**	DD		
Completed Date:		**Destination Coordinates Grid:**	**LL83**	**Casing:**			
Contractor:		**North:**	49.57	**Collar Survey:**	N	**Plugged:**	N
Core Storage:		**East:**	-88.12	**Multishot Survey:**	N	**Pulse EM Survey:**	N
Units:	METRIC	**Elev:**	325.00				

Detailed Lithology

From	To	Lithology
0.00	6.21	**CAS, CASING AND OVERBURDEN**
6.21	35.70	**IOMGB, Olivine Melagabbro**

UPPER OLIVINE MELAGABBRO. CHILLED CONTACT WITH UNDERLYING SIBLEY XENOLITH.

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591556	9.00	10.00	1.00	0.046	0.048	0.001	697.000	74.000	115.000	0.070
J591557	14.00	15.00	1.00	0.005	0.002	0.001	599.000	67.000	103.000	0.170
J591558	19.00	20.00	1.00	0.005	0.002	0.001	529.000	79.000	88.000	0.080
J591559	24.00	25.00	1.00	0.005	0.001	0.001	751.000	71.000	116.000	0.070
J591560	29.00	30.00	1.00	0.005	0.001	0.001	794.000	69.000	117.000	0.050
J591561	34.00	35.00	1.00	0.005	0.002	0.001	862.000	38.000	121.000	0.050

Alteration:

6.21 - 35.70: Serpentinization, Veins, Weak

Structure:

35.70 - 35.70: Contact

SHARP

Texture:

6.21 - 35.70: Massive

6.21 - 35.70: Subophitic

35.60 - 35.70: Chilled Margin

MARKEDLY FINER GRAINED AS SIBLEY XENOLITH IS APPROACHED

From	To	Lithology
35.70	37.70	**SIB, Sibley Gp**

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		XENOLITH OF SIBLEY DOLOMITIC MUDSTONE. MAGNETITE RICH POSSIBLY DUE TO SKARNIFICATION. BLACK-GREEN COLOUR. FINE GRAINED SILVER-WHITE MICA PATCHES OBSERVED. **Alteration:** **35.70 - 37.70: Magnetite, Pervasive, Strong** **Mineralization:** **35.70 - 37.70: Magnetite, Disseminated, 20%** **Texture:** **35.70 - 37.70: Fine Grained**											
37.70	38.10	**IGB, Gabbro** ALTERED GABBRO BETWEEN XENOLITHS OF SIBLEY GROUP. CARBONATE AND CHLORITE ALTERED. **Alteration:** **37.70 - 38.10: Chlorite, Fracture Filling, Strong** **37.70 - 38.10: Carbonate, Fracture Filling, Strong** **Texture:** **37.70 - 38.10: Massive** **37.70 - 38.10: Medium Grained - Fine Grained**											
38.10	38.60	**SIB, Sibley Gp** SIBLEY XENOITH. ALTERED GREEN MUDSTONE. **Texture:** **38.10 - 38.60: Bedded**											
38.60	61.00	**IOMGB, Olivine Melagabbro** VARITEXTURED OLIVINE MELAGABBRO. 25% PLAGIOCLASE, 25% OLIVINE, 50% PYROXENE. LOCALLY VARITEXTURED AS INDICATED IN TEXTURAL LOG. 2% C.G BLEBBY CPY+PO FROM 47.3-47.6m AND 5% DISSEMINATED PO+CPY FROM 50-50.6m. **Alteration:** **38.60 - 38.80: Carbonate, Fracture Filling, Weak** **41.60 - 44.00: Chlorite, Mottled, Weak** **41.60 - 44.00: Carbonate, Mottled, Weak** **46.00 - 56.00: Serpentinization, Veins, Weak** **56.00 - 61.00: Chlorite, Pervasive, Moderate**	J591562	39.00	40.00	1.00	0.005	0.001	0.001	812.000	49.000	113.000	0.070
			J591563	44.00	45.00	1.00	0.095	0.124	0.015	768.000	615.000	92.000	0.190
			J591564	47.00	48.00	1.00	0.019	0.036	0.007				0.130
			J591565	49.00	50.00	1.00	0.020	0.011	0.003	849.000	150.000	113.000	0.060
			J591566	50.00	51.00	1.00	0.088	0.075	0.017				0.140
			J591567	54.00	55.00	1.00	0.005	0.001	0.002	827.000	138.000	116.000	0.070
			J591568	58.00	59.00	1.00	0.038	0.023	0.006	400.000	481.000	61.000	0.110

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		Mineralization:											
		47.30 - 47.60: Pyrrhotite/Chalcopyrite, Blebby, 2%											
		50.00 - 50.60: Pyrrhotite/Chalcopyrite, Disseminated, 5%											
		FINELY DISSEMINATED SULFIDE											
		Structure:											
		38.60 - 38.60: Contact											
		SHARP											
		Texture:											
		38.60 - 38.80: Varitextured											
		38.60 - 38.80: Coarse Grained											
		VARITEXTURED POD											
		38.80 - 41.60: Subophitic											
		38.80 - 41.60: Massive											
		38.80 - 41.60: Medium Grained - Fine Grained											
		41.60 - 44.00: Coarse Grained											
		MORE PLAGIOCLASE RICH HERE											
		41.60 - 44.00: Varitextured											
		CLOTS OF CHLORITE/CARBONATE WITHIN VARITEXTURED ZONE											
		44.00 - 47.30: Massive											
		44.00 - 47.30: Subophitic											
		47.50 - 47.60: Varitextured											
		47.60 - 56.00: Massive											
		47.60 - 56.00: Subophitic											
		47.60 - 56.00: Medium Grained - Fine Grained											
		56.00 - 61.00: Varitextured											
		56.00 - 61.00: Coarse Grained - Medium Grained											
		59.70 - 61.00: Broken Core											
61.00	67.00	**IDU, Dunite**											
		OLIVINE CUMMULATE UNIT, STRONGLY SERPENTINIZED AND TALC ALTERED. UP TO 70% OLIVINE. 3% DISSEMINATED PO-CPY FROM 65.7-68.0m.	J591569	63.00	64.00	1.00	0.010	0.008	0.001				0.160
			J591570	64.00	65.00	1.00	0.013	0.011	0.002	769.000	245.000	90.000	0.130
			J591571	65.00	66.00	1.00	0.019	0.024	0.008				0.260
			J591572	66.00	67.00	1.00	0.016	0.013	0.003				0.110
		Alteration:											
		61.00 - 67.00: Serpentinization, Pervasive, Strong											
		Mineralization:											
		65.70 - 67.00: Pyrrhotite/Chalcopyrite, Disseminated, 3%											

From	To	Lithology
Texture:		
61.00 - 67.00: Medium Grained		
61.00 - 67.00: Adcumulate		
OLIVINE ADCUMULATE TEXTURE		
67.00	164.00	**IPDT, Peridotite**
LOWER PERIDOTITE UNIT. FROM 67-95.9m UNIT UAS UP TO 10% INTERSTITIAL PLAGIOCLASE. STRONGLY BRECCIATED FROM 68.1-69.0m (FAULT?) FROM 95.9-164 THE ROCK IS MASSIVE WITH WEAK TO MODERATE SERPENTINE ALTERATION. SERPENTINE RICH BRECCIA ZONES APPEAR TO BE AUTOBRECCIAS; FOUND AT 95.9-101m AND 112-114m. GRADUALLY TRANSITIONS TO THE MORE MAFIC OLIVINE MELAGABBRO DOWNHOLE.		
Alteration:		
72.00 - 95.90: Serpentinization, Veins, Weak		
95.90 - 114.50: Serpentinization, Veins, Strong		
CONCENTRATED IN BRECCIA ZONE		
95.90 - 114.50: Carbonate, Fracture Filling, Weak		
114.50 - 164.00: Serpentinization, Veins, Moderate		
147.40 - 147.90: Chlorite, Veins, Weak		
154.20 - 154.60: Chlorite, Veins, Weak		
ALSO WHITE MICA IN VEINS		
163.90 - 164.00: Carbonate, Veins, Weak		
Mineralization:		
111.80 - 114.50: Pyrite, Disseminated, TRACE%		
POSSIBLY LATE MINERALIZATION		

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591573	69.00	70.00	1.00	0.007	0.001	0.001	1,030.000	49.000	129.000	0.050
J591574	74.00	75.00	1.00	0.015	0.012	0.001	1,290.000	31.000	157.000	0.050
J591575	79.00	80.00	1.00	0.017	0.015	0.001	1,200.000	63.000	148.000	0.040
J591576	84.00	85.00	1.00	0.005	0.001	0.001	1,170.000	41.000	145.000	0.060
J591577	89.00	90.00	1.00	0.056	0.061	0.001	1,180.000	30.000	145.000	0.050
J591578	94.00	95.00	1.00	0.005	0.001	0.001	1,200.000	62.000	148.000	0.040
J591579	99.00	100.00	1.00	0.007	0.003	0.001	1,080.000	45.000	132.000	0.070
J591580	104.00	105.00	1.00	0.005	0.001	0.001	1,180.000	55.000	142.000	0.070
J591581	109.00	110.00	1.00	0.006	0.003	0.001	1,220.000	42.000	146.000	0.040
J591582	115.00	116.00	1.00	0.005	0.004	0.001	1,260.000	47.000	150.000	0.060
J591583	119.00	120.00	1.00	0.005	0.001	0.001	1,370.000	50.000	161.000	0.050
J591584	124.00	125.00	1.00	0.005	0.003	0.001	1,310.000	59.000	150.000	0.040
J591585	129.00	130.00	1.00	0.005	0.002	0.001	1,380.000	70.000	155.000	0.040
J591586	134.00	135.00	1.00	0.010	0.008	0.003	1,400.000	81.000	154.000	0.040
J591587	139.00	140.00	1.00	0.009	0.004	0.001	1,430.000	25.000	155.000	0.040
J591588	144.00	145.00	1.00	0.008	0.004	0.001	1,430.000	38.000	155.000	0.050
J591589	149.00	150.00	1.00	0.007	0.006	0.001	1,460.000	31.000	153.000	0.040
J591590	155.00	156.00	1.00	0.013	0.006	0.001	1,420.000	46.000	154.000	0.050
J591591	159.00	160.00	1.00	0.010	0.013	0.001	1,440.000	56.000	154.000	0.040

From	To	Lithology
Texture:		
68.10 - 69.00: Brecciated		
FAULT?		
95.90 - 101.00: Brecciated		
112.00 - 114.00: Brecciated		
112.00 - 114.00: Varitextured		
CHERTY XENOLITHS		
114.00 - 164.00: Massive		
114.50 - 164.00: Oikocrysts		
CLINOPYROXENE OIKOCRYSTS ENCLOSE OLIVINE AND PYROXENE CHADACRYSTS		
147.60 - 147.90: Broken Core		
164.00	271.80	**IOMGB, Olivine Melagabbro**
OLIVINE MELAGABBRO TO PLAGIOCLASE PERIDOTITE. 10-20% OLIVINE, 20-30% PLAGIOCLASE, 5% BIOTITE AND 60% PYROXENE. MASSIVE HOMOGENOUS UNIT. CPX OIKOCRYSTS ENCLOSE OLIVINE. PLAGIOCLASE IS INTERSTITIAL, POORLY FORMED. UNIT FRACTIONATES DOWNHOLE TO A MORE GABBROIC COMPOSITION.		
Alteration:		
185.00 - 189.00: Serpentinization, Veins, Weak		
267.00 - 271.80: Serpentinization, Veins, Weak		

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591592	164.00	165.00	1.00	0.006	0.005	0.001	1,400.000	20.000	146.000	0.170
J591593	172.00	173.00	1.00	0.012	0.011	0.001	1,460.000	24.000	142.000	0.060
J591594	177.00	178.00	1.00	0.007	0.004	0.001	1,590.000	60.000	163.000	0.040
J591595	182.00	183.00	1.00	0.012	0.009	0.001	1,590.000	72.000	165.000	0.050
J591596	187.00	188.00	1.00	0.009	0.004	0.001	1,490.000	82.000	154.000	0.040
J591597	193.00	194.00	1.00	0.006	0.002	0.001	1,540.000	35.000	154.000	0.060
J591598	197.00	198.00	1.00	0.019	0.022	0.004	1,610.000	184.000	155.000	0.070
J591599	203.00	204.00	1.00	0.012	0.018	0.001	1,630.000	40.000	156.000	0.050
J591450	207.00	208.00	1.00	0.018	0.013	0.004	1,540.000	109.000	147.000	0.060
J591451	212.00	213.00	1.00	0.032	0.046	0.004	1,580.000	175.000	153.000	0.070
J591452	217.00	218.00	1.00	0.015	0.013	0.001	1,520.000	101.000	150.000	0.050
J591453	222.00	223.00	1.00	0.009	0.012	0.001	1,470.000	72.000	149.000	0.070
J591454	227.00	228.00	1.00	0.009	0.005	0.001	1,460.000	64.000	148.000	0.060
J591455	232.00	233.00	1.00	0.008	0.005	0.001	1,110.000	76.000	115.000	0.070
J591456	237.00	238.00	1.00	0.015	0.011	0.001	1,510.000	110.000	140.000	0.060
J591457	242.00	243.00	1.00	0.033	0.032	0.001	1,640.000	98.000	136.000	0.080
J564000	247.00	248.00	1.00	0.031	0.037	0.002	1,580.000	87.000	143.000	0.080
J564001	252.00	253.00	1.00	0.017	0.015	0.002	1,540.000	72.000	136.000	0.090
J564002	257.00	258.00	1.00	0.015	0.011	0.001	1,480.000	49.000	140.000	0.110
J564003	262.00	263.00	1.00	0.014	0.010	0.001	1,440.000	51.000	123.000	0.150
J564004	266.00	267.00	1.00	0.013	0.011	0.001	1,370.000	47.000	123.000	0.180
J564005	267.00	268.50	1.50	0.011	0.009	0.001				0.150
J564006	268.50	270.00	1.50	0.015	0.014	0.001	1,290.000	65.000	121.000	0.150
J564007	270.00	271.50	1.50	0.012	0.012	0.001				0.150

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		Mineralization: **194.00 - 205.00: Pyrite, Disseminated, 1%** **237.00 - 271.80: Pyrrhotite/Pyrite, Disseminated, 1%** **Structure:** **166.80 - 171.60: Fault** BROKEN CORE **Texture:** **164.00 - 271.80: Oikocrysts** CLINOPYROXENE OIKOCRYSTS ENCLOSE OLIVINE **164.00 - 271.80: Medium Grained** **164.00 - 271.80: Massive** **260.00 - 271.80: Fractured**										
271.80	276.50	**IGB, Gabbro** MARGINAL GABBRO. PYROXENE PHYRIC, BUT APPEARS TO BE ALTERED TO AMPHIBOLE. GREEN COLOUR. WELL DEVELOPED CHILL MARGIN WITH UNDERLYING FOOTWALL. **Structure:** **276.50 - 276.50: Contact** BROKEN CORE AT CONTACT **Texture:** **271.80 - 276.00: Medium Grained - Fine Grained** **271.80 - 276.50: Pyroxene Phyric** **271.80 - 276.50: Fractured** **276.30 - 276.50: Chilled Margin**	J564009	273.00	274.50	1.50	0.015	0.013	0.002				0.120
			J564010	274.50	275.00	0.50	0.013	0.010	0.001				0.160
			J564011	275.00	276.00	1.00	0.015	0.010	0.001	411.000	97.000	70.000	0.240
276.50	302.00	**MQZT, Mafic metasediment** QUETICO METASEDIMENTS. STRONGLY FRACTURED AND BLEACHED TO 277m. 1-2% PYRITE ALONG FRACTURES. GREEN HORNFELSING FROM 277.8-279.3m WITH RECRYSTALLIZED COARSE GRAINED PORPHYROBLASTS (NOT SURE WHAT MINERAL). **Alteration:** **276.50 - 277.00: Bleaching, Pervasive, Moderate** **Mineralization:** **276.50 - 302.00: Pyrite, Disseminated, 1-2%** **Texture:** **276.50 - 277.00: Brecciated** **277.00 - 302.00: Bedded** **277.80 - 279.30: Hornfelsed**										

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	360.00	-90.00	REFLEX	O	
302.00	360.00	-90.00	REFLEX	O	

Detailed Log Report
Hole Number EK-08-01

Project		Coordinates		Collar			
Project Name:	Eva-Kitto	**Primary Coordinates Grid:**	**UTM83-16**	**Collar Dip:**		**Collar Az:**	
Project Code:	036	**North:**	5,787,475.00	**Length:**	308.20		
Location:		**East:**	418,340.00	**Hole Size:**	NQ		
Start Date:	Jul 21, 2015	**Elev:**	325.00	**Hole Type:**	DD		
Completed Date:		**Destination Coordinates Grid:**	**LL83**	**Casing:**			
Contractor:		**North:**	52.23	**Collar Survey:**	N	**Plugged:**	N
Core Storage:		**East:**	-88.20	**Multishot Survey:**	N	**Pulse EM Survey:**	N
Units:	METRIC	**Elev:**	325.00				

Detailed Lithology

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
0.00	4.50	**CAS, CASING AND OVERBURDEN**											
4.50	34.70	**IPDT, Peridotite**											
PLAGIOCLASE PERIDOTITE TO PERIDOTITE, BECOMING MORE PRIMITIVE DOWNHOLE. LOWER CONTACT MARKED BY FIRST APPEARANCE OF XENOLITHS.			J591458	23.00	24.00	1.00	0.019	0.018	0.001				0.060
			J591459	33.00	34.00	1.00	0.029	0.019	0.001				0.080
Alteration:													
4.50 - 32.00: Serpentinization, Veins, Moderate													
32.00 - 34.70: Serpentinization, Pervasive, Strong													
Texture:													
4.50 - 32.00: Oikocrysts													
PYROXENE OIKOCRYSTS ENCLOSING OLIVINE CHADACRYTS.													
32.00 - 34.70: Orthocumulates													
OLIVINE/PYROXENE CUMULATE HORIZON													
32.00 - 34.70: Fine Grained													
34.70	50.30	**IOMGB, Olivine Melagabbro**											

From	To	Lithology
		XENOLITHIC ZONE. CHAOTIC INTERVAL WITH ABUNDANT XENOLITHS OF SIBLEY GROUP AND POSSIBLY B.I.F FRAGMENTS. AUTOLITHS OR DYKES OF GABBROIC COMPOSITION ALSO OBSERVED. UP TO 10% BIOTITE AND WHITE MICA OBSERVED IN PLACES.

Alteration:

34.70 - 50.30: Serpentinization, Pervasive, Strong

STRONG TO MODERATE. ULTRAMAFIC PORTIONS OF THIS UNIT ARE THE MOST STRONGLY SERPENTINIZED

Structure:

39.60 - 39.60: Contact

INTERNAL CONTACT BETWEEN INTRUSIVE UNTIS

Texture:

34.70 - 35.00: Xenolithic

XENOLITH OF BUFF GREY SIBLEY SEDIMENTS

35.00 - 37.80: Varitextured

GABBROIC TO PYROXENITIC IN COMPOSITION

37.80 - 38.20: Xenolithic

XENOLITH OF SIBLEY SANDSTONE

38.20 - 42.00: Varitextured

PYROXENITIC COMPOSITION

42.00 - 42.50: Xenolithic

XENOLITH OF GREEN MICA RICH MATERIAL. CONTACTS APPEAR MELTED

42.50 - 50.30: Varitextured

VERY MAGNETIC XENOLITHS, POSSIBLY BIF FRAGMENTS?

Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
J591461	35.00	36.00	1.00	0.015	0.004	0.001				0.060
J591462	36.00	37.00	1.00	0.005	0.003	0.001				0.120
J591463	37.00	38.00	1.00	0.008	0.004	0.001				0.120
J591464	38.00	39.00	1.00	0.008	0.002	0.001				0.100
J591465	39.00	40.00	1.00	0.009	0.005	0.001				0.080
J591466	40.00	41.00	1.00	0.025	0.027	0.002				0.050
J591467	41.00	42.00	1.00	0.015	0.021	0.002				0.050
J591468	42.00	43.00	1.00	0.014	0.013	0.001				0.040
J591469	43.00	44.00	1.00	0.063	0.082	0.001				0.070
J591470	44.00	45.00	1.00	0.053	0.029	0.001				0.060
J591471	45.00	46.00	1.00	0.073	0.015	0.001				0.040
J591472	46.00	47.00	1.00	0.026	0.016	0.001				0.040
J591473	47.00	48.00	1.00	0.009	0.011	0.001				0.070
J591474	48.00	49.00	1.00	0.006	0.004	0.001				0.070
J591475	49.00	50.00	1.00	0.036	0.040	0.003				0.090

From	To	Lithology
50.30	65.40	**IPDT, Peridotite**
		PERIDOTITE TO PLAGIOCLASE PERIDOTITE. FAIRLY MASSIVE APPEARANCE, WITH WEAK SERPENTINE VEINING.

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		Alteration: **50.30 - 64.00: Serpentinization, Veins, Weak** **64.00 - 65.40: Serpentinization, Pervasive, Strong** **Texture:** **50.30 - 65.40: Oikocrysts** PYROXENE OIKOCRYSTS ENCLOSE OLIVINE CHADACRYSTS **50.30 - 65.40: Medium Grained**											
65.40	65.70	**IGD, Gabbroic dykes** CROSS CUTTING GABBRO DYKE. CHILLED MARGINS, MASSIVE. **Structure:** **65.40 - 65.40: Contact** SHARP **65.70 - 65.70: Contact** SHARP **Texture:** **65.40 - 65.70: Massive** **65.40 - 65.70: Fine Grained**											
65.70	98.00	**IPDT, Peridotite** PERIDOTITE TO PLAGIOCLASE PERIDOTITE. FAIRLY MASSIVE WITH WEAK CRYPTIC LAYERING OBSERVED BY CHANGES IN PLAGIOCLASE AND OLIVINE CONTENT. **Alteration:** **65.70 - 71.00: Serpentinization, Pervasive, Strong** **71.00 - 98.00: Serpentinization, Veins, Weak** **Texture:** **65.70 - 98.00: Oikocrysts** PYROXENE OIKOCRYSTS ENCLOSING OLVINE CHADACRYSTS **65.70 - 98.00: Medium Grained** **88.30 - 88.60: Xenolithic** HEMATIZED GRANITIC XENOLITH. CONTACTS APPEAR MELTED											
98.00	131.50	**IOMGB, Olivine Melagabbro** GRADATIONAL CONTACT WITH OVERLYING PERIDOTITE MARKED BY INCREASE IN PLAGIOCLASE CONTENT. MASSIVE TO OPHITIC TEXTURE. **Texture:** **98.00 - 131.50: Oikocrysts** PYROXENE OIKOCRYSTS ENCLOSE OLIVINE CHADACRYSTS **98.00 - 131.50: Medium Grained**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
131.50	172.90	**IGB, Gabbro** MARGINAL GABBRO/MELAGABBRO. FRACTIONATES DOWHNOLE. MODERATELY ALTERED TO AMPHIBOLE GIVING IT A SPOTTED APPEARANCE. **Alteration:** **150.00 - 172.90: Hornblende, Pervasive, Moderate** URALITIZATION OF PYROXENE **170.00 - 172.90: Carbonate, Fracture Filling, Moderate** **Structure:** **151.00 - 151.20: Fault** **172.90 - 172.90: Contact** SHARP CONTACT **Texture:** **131.50 - 172.90: Massive** **131.50 - 172.90: Medium Grained** **148.00 - 152.00: Broken Core** **154.00 - 172.90: Pyroxene Phyric**											
172.90	174.20	**ROSS, Rossport Fm** ROSSPORT FORMATION MUDSTONE. HORNFELSED GIVING IT A GREEN COLOUR. **Texture:** **172.90 - 174.20: Massive** **172.90 - 174.20: Hornfelsed**											
174.20	175.20	**IGD, Gabbroic dykes** GABBROIC DYKE/SILL. DIFFUSE CONTACTS WITH SIBLEY GROUP DUE TO BROKEN, DETERIORATED CORE **Texture:** **174.20 - 175.20: Massive** **174.20 - 175.20: Medium Grained**											
175.20	182.50	**ROSS, Rossport Fm** ROSSPORT OR POSSIBLY PASS LAKE FORMATION SANDSTONE. GREEN-WHITE COLOUR. UNCONFORMABLY OVERLIES BRECCIATED FELSIC VOLCANICS. **Texture:** **175.20 - 182.50: Hornfelsed**											
182.50	188.40	**VF, Felsic (meta) volcanic rocks**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
		STRONGLY BRECCIATED FELSIC VOLCANICS. DIFFICULT TO DISCERN THE PROTOLITH DUE TO CROSSCUTTING CHLORITIC VEINS AND SECONDARY PEGMATITIC MINERALS. **Alteration:** **182.50 - 183.00: Hematite, Pervasive, Weak** **182.50 - 188.40: Chlorite, Veins, Moderate** **Texture:** **182.50 - 188.00: Brecciated** LITHIFIED BRECCIA											
188.40	190.00	**SBIF-Sul, Sulphide facies iron formation** BLACK, PYRITIC IRON FORMATION. **Texture:** **188.40 - 190.00: Banded**											
190.00	193.40	**SSLT, Siltstone** INTERFLOW SEDIMENTS. **Texture:** **190.00 - 193.40: Bedded**											
193.40	195.00	**SBIF-Sul, Sulphide facies iron formation** BLACK PYRITIC IRON FORMATION **Texture:** **193.40 - 195.00: Banded**											
195.00	206.00	**VMMF, Massive flow** MAFIC VOLCANICS **Texture:** **195.00 - 206.00: Fine Grained** **195.00 - 206.00: Massive**											
206.00	210.00	**SBIF-Ox, Magnetite iron formation** PYRITIC IRON FORMATION **Texture:** **206.00 - 210.00: Banded**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
210.00	222.00	**VMMF, Massive flow** MAFIC VOLCANICS **Texture:** **210.00 - 222.00: Massive** **210.00 - 222.00: Fine Grained**											
222.00	264.90	**NIP, Nipigon Sills** MASSIVE SUBOPHITIC GABBRO APPEARS TO BE A NIPIGON SILL. NO LOWER CHILL MARGIN. **Structure:** **264.90 - 264.90: Contact** PARALLEL TO UNDERLYING BEDDING **Texture:** **222.00 - 264.90: Subophitic** **222.00 - 264.90: Medium Grained**	J591476	238.00	239.00	1.00	0.009	0.004	0.001	627.000	67.000	101.000	0.120
264.90	267.10	**SSST, Sandstone** BEDDED SANDSTONE APPEARS TO BE PART OF THE BEARDMORE GERALDTON GREENSTONE BELT. BLACK, RECRYSTALLIZED APPEARANCE. **Structure:** **264.90 - 267.10: Bedded** **Texture:** **264.90 - 267.10: Foliated** **264.90 - 267.10: Bedded**											
267.10	277.10	**IMGB, Melagabbro** TAXITIC GABBRO. VARITEXTURED THROUGHOUT WITH ZONES OF C.G AMPHIBOLE WITH CHLORITE+CARBONATE XENOLITHS. DIFFUSE XENOLITHS OF OVERLYING SEDIMENTS APPEAR PARTIALLY MELTED. **Structure:** **277.10 - 277.10: Contact** SHARP **Texture:** **267.10 - 272.70: Xenolithic** XENOLITHS APPEAR TO BE CLASTIC SEDIMENTS SIMILAR TO OVERLYING UNITS **273.10 - 275.00: Varitextured** COARSE GRAINED, HETEROGENOUS WITH CHLORITIC/CARBONATE XENOLITHS **275.00 - 277.10: Massive** **275.00 - 277.10: Medium Grained**											

From	To	Lithology	Sample #	From	To	Length	Pt ppm	Pd ppm	Au ppm	Ni ppm	Cu ppm	Co ppm	S pct
277.10	279.40	**SSST, Sandstone** BEDDED SANDSTONE OF THE BEARDMORE GERALDTON GREENSTONE BELT. GRADES INTO A MUDSTONE DOWNHOLE. **Texture:** **277.10 - 279.40: Coarse Grained** **277.10 - 279.40: Bedded**											
279.40	301.70	**IMGB, Melagabbro** TAXITIC GABBRO-MELAGABBRO INTERLAYERED WITH MASSIVE GABBRO. DISCREET ZONES OF C.G, VARITEXTURED GABBRO WITH XENOLITHS OF CHLORITE+CARBONATE. NO CHILLED MARGIN AT LOWER CONTACT. **Texture:** **279.40 - 285.50: Massive** **279.40 - 285.50: Medium Grained** **285.50 - 288.00: Coarse Grained** **285.50 - 288.00: Varitextured** **288.00 - 291.70: Massive** **288.00 - 291.70: Medium Grained** **291.70 - 293.60: Coarse Grained** **291.70 - 293.60: Varitextured** **293.60 - 298.20: Massive** **293.60 - 298.20: Medium Grained** **298.20 - 299.60: Varitextured** **299.60 - 301.70: Massive** **299.60 - 301.70: Medium Grained**											
301.70	308.20	**SMST, Pelite (mudstone/argillite)** GRAPHITIC MUDSTONE. INTERBEDDED WITH THIN IRON FORMATION HORIZONS. **Texture:** **301.70 - 308.20: Fine Grained** **301.70 - 308.20: Bedded**											

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	180.00	-50.00	REFLEX	O	
300.00	180.00	-50.00	REFLEX	O	