YEIP 2014-056

2014 Yukon Mineral Exploration Program

Target Evaluation - Final Report

First Point Minerals Corp.

Mich Property

Whitehorse Mining District

105D/09

-134.07740° longitude, 60.59364 latitude

550,534mE, 6,717,881mN UTM (NAD83, Zone 8)

By

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Jan 20, 2015

EXECUTIVE SUMMARY

The Mich property covers a portion of the Cache Creek terrane that consists of serpentinized ultramafic rocks exhibiting disseminated nickel-iron alloy mineralization in the form of awaruite (Ni_3Fe). The main zone of mineralization at Mich is well exposed on northwest trending ridge and measures 1.3 kms long, ranges from 150 to 570 m wide and has been drill tested to a depth of 345 m based on Davis tube recoverable nickel (DTR Ni). The main zone of mineralization, which includes the Key target, is open to the southeast, northeast and northwest of the drill area. A moderate to strong magnetic high geophysical anomaly that correlates with the mineralization extends continuously for3.3 km to the southeast where overburden thought to be less than 25 m deep covers a potential extension of the mineralized zone.

Mineral exploration work during the 2012 and 2013 field seasons involved geological mapping, analysis of 306 rock samples, and 130 line km of ground-based magnetic geophysical surveys. Current mineral exploration work conducted in 2014 included follow up analysis using DTR Ni to quantify magnetically recoverable nickel from archived samples and reject material. Field work in 2014 included detailed geological mapping and channel sampling to determine the controls of mineralization, to establish the continuity of structurally controlled mineralization between the Key target and mineralized zones or anomalies to the northwest and to confirm point outcrop sampling with continuous sampling over 4 to 5 m intervals. A two hole, 873 meter drill program was completed in October where two holes were drilled in opposing directions along section. The mineralized zone encountered averages 0. 087% DTR nickel (using a cut-off grade of 0.06%), extends over 345 metres vertically from surface, measures 463 meters along section and remains open to the northeast beyond the surface trace of the second drill hole. The best results of the drill program were highlighted by 32.2 meters of 0.123% DTR nickel at the end of hole 2 and indicates the significance of higher grade extensions towards the northeast that warrant additional drill testing to track the main mineralization trend by stepping out to the southeast and northwest.

The compilation of all results to date indicates that the Key target shows many similarities to First Point Minerals' flagship property Decar in central British Columbia which is currently under option to Cliffs Natural Resources who have earned in 60% to the project by completing a Preliminary Economic Analysis in March of 2013. The main similarities between Mich and Decar are evident in recoverable nickel grades, high temperature environment of emplacement and structural controls on mineralization. The Key target is characterized as a wide diffuse structural domain where ultramafic rocks are strongly serpentinized and have both brittle and ductile textures.

The total project costs for the YMEP scope of work totaled $386,278.

A two-stage drill hole program (~23 holes) is proposed to track the main zone of mineralization and to build resources. Inclined holes would range from 350 to 450 m deep, with collars spaced 200 m along sections spaced 200 or 400 m apart depending on initial drill results. The program could make use of a preexisting trail allowing for road access.

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1.0 Location and Access

The Mich property is situated in south central Yukon (Fig. 1) located 55 km southeast from Whitehorse and 18 km northeast from the community of Marsh Lake (*Fig. 2*). The area of the property is 2006 hectares and consists of 96 contiguous quartz claims that are owned 100% by First Point Minerals. The entire property measures 2.7 km by 7.2 km in size (*Table 1* and *Fig. 2*)

Fig. 1: Property location map.

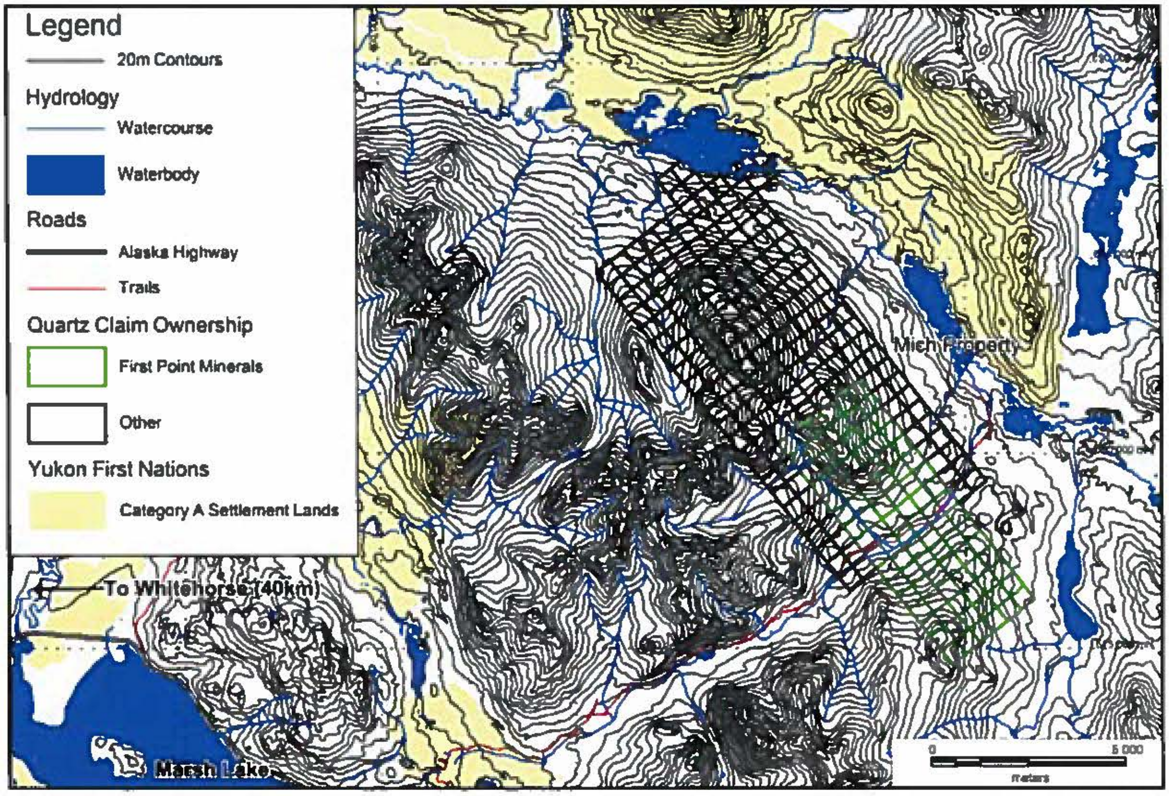


Fig. 2: Location of Mich 1-96 Quartz claims (after Gov. of Yukon, 2013)

Claim Name	Grant Number	Expiry Date
MICH 1-84	YD87607-87690	September 26 2017
MICH 85-96	YD88015-88026	September 26 2017

Table 1: Quartz Claim data for the Mich property.

The property is accessible by trail that runs northeast up the Greyling Creek valley from the Alaska Highway. The property can also be accessed by helicopter from Whitehorse. The trail is not maintained and requires the use of an amphibious vehicle or ATV for hauling supplies during the summer, or snowmobile in the winter months. The travel time by trail is 4 hours using an ATV or 25 minutes by helicopter from Whitehorse.

Power, road/port and other infrastructure as well as First Nations and local area stake holders have been previously described (Britten et al., 2014) and will not be repeated in this report.

2.0 Exploration History

The Mich property and surrounding area encompassing Lou Lake and Fox Lake have only had cursory mineral exploration programs that have targeted Ni, Cu, Cr, PGEs, Au, and asbestos discontinuously since 1969. A chronological summary is as follows:

1969 - Department of Indian Affairs and Northern Development contracted Robert G. Hilker to investigate the potential for chromite mineralization south of Michie Lake on the Wind 1-6 claims. A sample of massive chromite returned 39.4% Cr_2O_3 and 5.7% Fe, yielding a Cr:Fe ratio too low for metallurgical grade chromite (Hilker, 1969).

1970 - Argo Petroleum Ltd. contracted Ace R. Parker and Associates to investigate the potential for economic chrysotile asbestos west of Lue Lake on the Cub 1-36 claims. Much of the claim group is covered by overburden, however, exposures exhibiting short fiber chrysotile asbestos and pods of ultramafics carrying up to 6% asbestos fiber were discovered (Parker, 1970).

1987 to 1988 - Aurum Geoscience was contracted by Walhala exploration to follow up on the chromite occurrence reported by Robert Hilker (1969) south of Michie Lake on the Fox 7-24 and Fox 31-48 claims. During the 1987 field campaign 3 soil samples and 2 rock samples were assayed for Au and Hg, however, no anomalous results were obtained. During the 1988 field campaign 14 soil samples were submitted for major multi-element analysis. Soil samples returned anomalous Cr, and weakly anomalous Ni. One soil sample reported 130 ppb Au. Four rock samples were assayed for Ni, Cu, Co, Cr, Au, Pt and Pd. The assay results indicated anomalous high Cr, including 28.1% from a sample of massive chromite, and two results of weakly anomalous Ni of 2290 ppm and 2310 ppm. The remaining elements reported background values (Hulstein, 1987 and 1988).

2002 – The HF property belonging to Gordon McLeod was staked in 2002 and tested for the potential to host PGEs. Twenty-five grab samples were analyzed for multi-element ICP analysis and fire assay analysis for Au and PGEs. Heavy mineral analysis was also completed on a stream sediment pan concentrate which recovered trace amounts of transported PGE indicator minerals and gold grains (Beauregard, 2002).

2011 - First Point Minerals completed regional geological mapping and cursory rock sampling on several ultramafic complexes located in the southern Yukon. The work included exploration on the ultramafic complex west of Fox Lake and south of Michie Lake where a broad zone of disseminated awaruite (Ni-Fe alloy) mineralization was discovered in outcrop north of Greyling Creek. The Mich claim group was subsequently staked in September 2011.

2012 – First Point Minerals Corp. completed further bedrock mapping and collecting 150 rock samples for analysis using a Ni-in-alloy; a partial extraction technique proprietary to First Point Minerals. The result of this work defined the Key target on the southeast end of the main ridge and several anomalous zones or patches further northwest up the ridge. A 94 line km ground magnetic geophysical survey was also completed over the northern portion of the property across the main target area ridge (Carr et al., 2012). Nine samples were examined using petrographic microscope, SEM and microprobe analysis to characterize the style and composition of awaruite mineralization.

2013 – First Point Minerals Corp. completed property wide detailed mapping and rock sampling and extended the ground-based magnetic geophysical survey initiated in 2012 by adding 46 line kilometers to cover the entire property. Thirty rocks from within the main target area that were previously analyzed by the Ni-in-alloy selective extraction were analyzed for magnetically recoverable Ni (DTR Ni) and returned higher values than the Ni-in-alloy values.

3.0 Current Work

Early in 2014, First Point Minerals Corp. completed the analysis of 61 additional samples to augment the 33 samples in 2013 for a total of 94 rock samples using magnetically recovered DTR Ni method to compare with the selective extraction for Ni-in-alloy analysis.

During the summer field season, more detailed geological mapping of the main ridge (including the Key target) and 130 meters of channel sampling were completed. The continuous samples were taken over 4 to 5m intervals crossing the structural fabrics of the alteration and mineralization within an area measuring 540 meters by 330 meters. This work was to confirm the continuity of structurally controlled mineralization between the Key target and mineralized zones or >800 ppm Ni-in-alloy anomalies to the northwest and confirm point outcrop sampling verses continuous sampling over 4 to 5 m intervals.

4.0 Geology

4.1 Regional Geology

The Mich property is located within the Intermontane belt, and covers ultramafic portions of the Cache Creek terrane near the northernmost culmination of the terrane boundary. Portions of Cache Creek terrane are thought to represent an upper mantle and overlying sedimentary rocks of an ophiolite sequence which had been obducted and dismembered by regional faults and shears.

In the southern Yukon the Cache Creek terrane is bounded to the east and west by two major northwest trending regional faults. The eastern terminating structure of the Cache Creek terrane is the Tintina fault where rocks of Cache Creek affinity are in shear contact with volcanic and sedimentary rocks of the Yukon-Tanana terrane. The western boundary of the Cache Creek terrane is in thrust-fault contact along the Judas Mountain thrust (Bickerton et al, 2013) where Cache Creek rocks have been thrusted over younger volcanics and sedimentary rocks of the Whitehorse Trough (Laberge Group) that represent the uppermost sub-unit of the Stikinia-Quesnellia super terrane (Wheeler end McFeely, 1991; Colpron 2011). The Judas Mountain thrust may be a northern continuation of the Nahlin Fault system and may extend from northern British Columbia into southern Yukon.

Within the Whitehorse area, two structurally complex strands of the Cache Creek terrane are in fault contact with rocks belonging to the Whitehorse trough marked by the Judas Mountain and Mount Michie thrusts or strike slip faults. These fault bounded rocks of the Cache Creek terrane terminate 30 km northwest of the Mich property where boundaries are poorly understood due to lack of exposure.

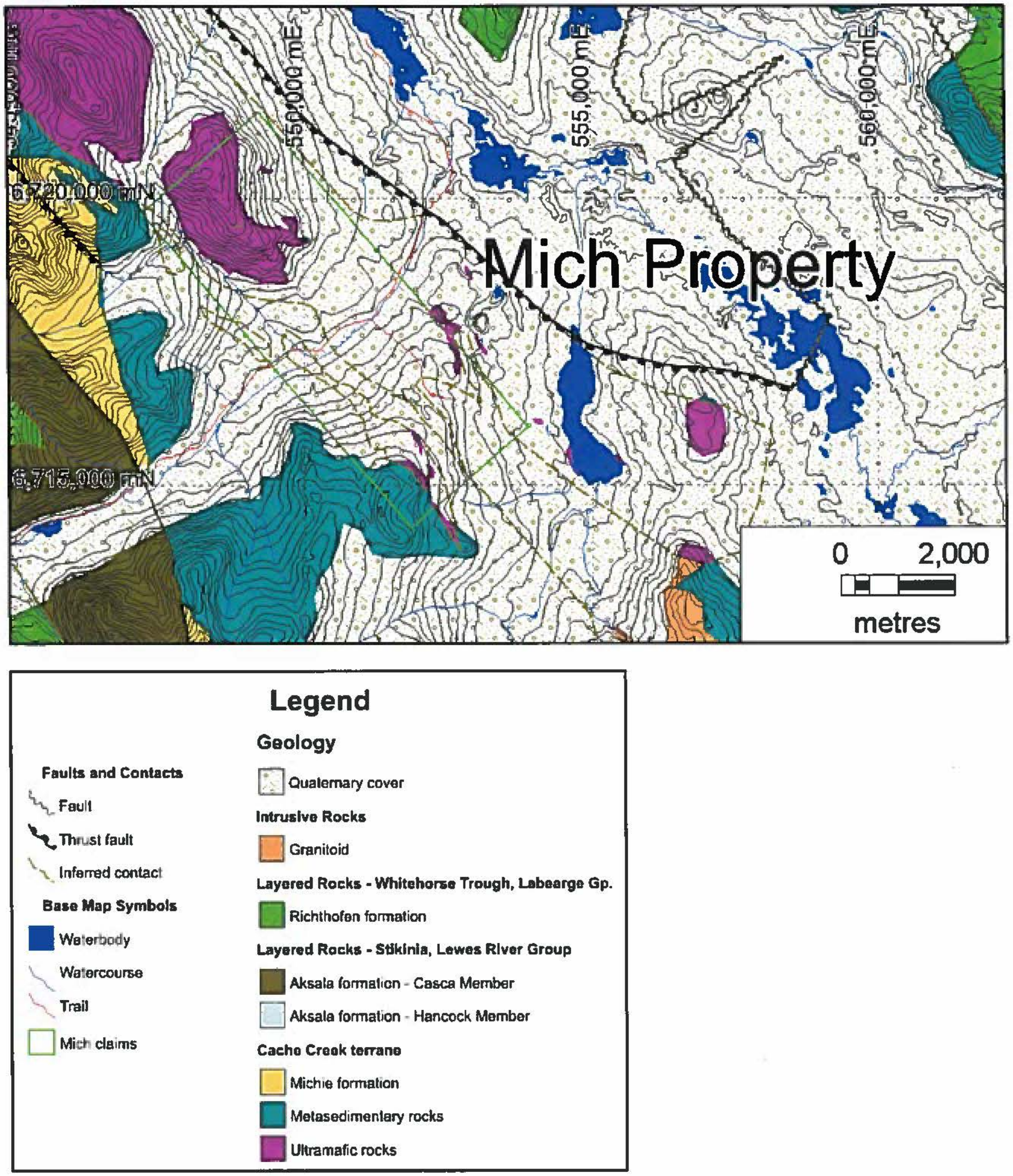


Fig. 3: Regional geology of the Mich property area (modified after Bickerton et al, 2012).

A regional mapping program completed in 2012 by the Yukon Geology Survey has identified a new siliciclastic package, called the Michie formation (*Fig. 3*), and also mapped the west-dipping Mount Michie thrust (Bickerton et al, 2012 and Bickerton, 2014). The Michie formation is interpreted to be the upper most unit of the Cache Creek terrane in the area, and is distinctly different from juxtaposing Whitehorse trough rocks. U-Pb ages of the Michie formation suggest the sedimentary succession was deposited on the flank of an arc that formed in the Early to Middle Triassic and are time-correlative to the Kutcho arc (Bickerton, 2014). Farther to the west, along the east side of Marsh Lake, a portion of the lower Jurassic Laberge Group of the Stikinia terrane is juxtaposed against upper Triassic Cache Creek rocks by the west verging Judas Mountain thrust (Bickerton, 2014). Many of these units have undergone sub-greenschist metamorphism but, in the area of the Mich property, it reaches upper greenschist to amphibolite facies in the ultramafics.

Regional faults, ultramafic bodies and packages of stratigraphy typically trend northwest (Bickerton et al., 2012) and is the dominant structural fabric of the southern Yukon. Relatively resistant ultramafic exposures in and around the Mich property (Fig. 3) are enveloped by a distinctive moderate to strong magnetic response indicating that the ultramafics are continuous throughout the property below the widespread overburden (Britten et al., 2014). The ultramafic bodies have been interpreted to be in thrust fault contact with younger metavolcanics (Colpron, 2011; Bickerton et al., 2012). It is more likely that these contacts form steeply dipping, strike slip faults as indicated by the magnetic response well outboard of the known exposed ultramafics and northwest trending steeply dipping foliations and shear fault zones (see section 4.2.2 Structure).

4.2 Property Geology

Property area geology (*Fig. 3*) and detailed geology maps (*Fig. 4 and Appendix 1*) were compiled from mapping completed from 2011 to 2014. Mapping in 2014 focused on defining new sub units of ultramafics based on textural and structural characteristics as described in the next section.

4.2.1 Rock Types

Ultramafics

Several subdivisions of ultramafics, dominated by peridotites and lesser dunite, have been mapped on the property, with each having unique structural-alteration textures based on the degree of deformation and the intensity of alteration and mineralization. Normally the textures show gradation from an outer weak alteration-mineralization in massive ultramafics, through semi-massive (crackled or stockwork veins) to more central intense alteration with strongly mineralized psuedo breccia zones. Grades for DTR Ni generally increase with alteration intensity, however, DTR Ni grade can be variable in the crackled verses pseudo breccia texture ultramafics and there can be multiple overprinting events. The following ultramafic rock types are described from the weakest to strongest deformation and alteration-mineralization:

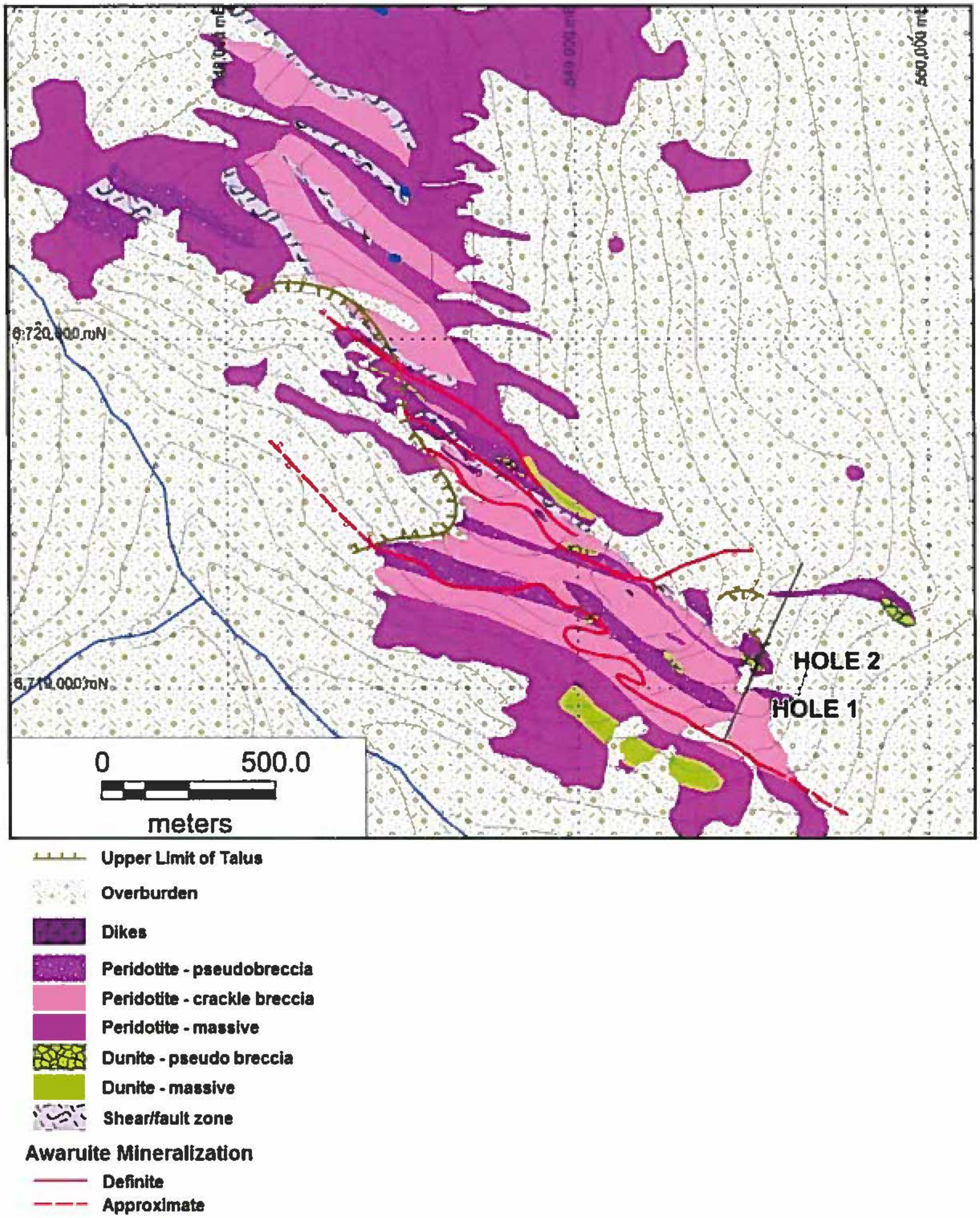


Fig. 4: Geology of the Mich property.

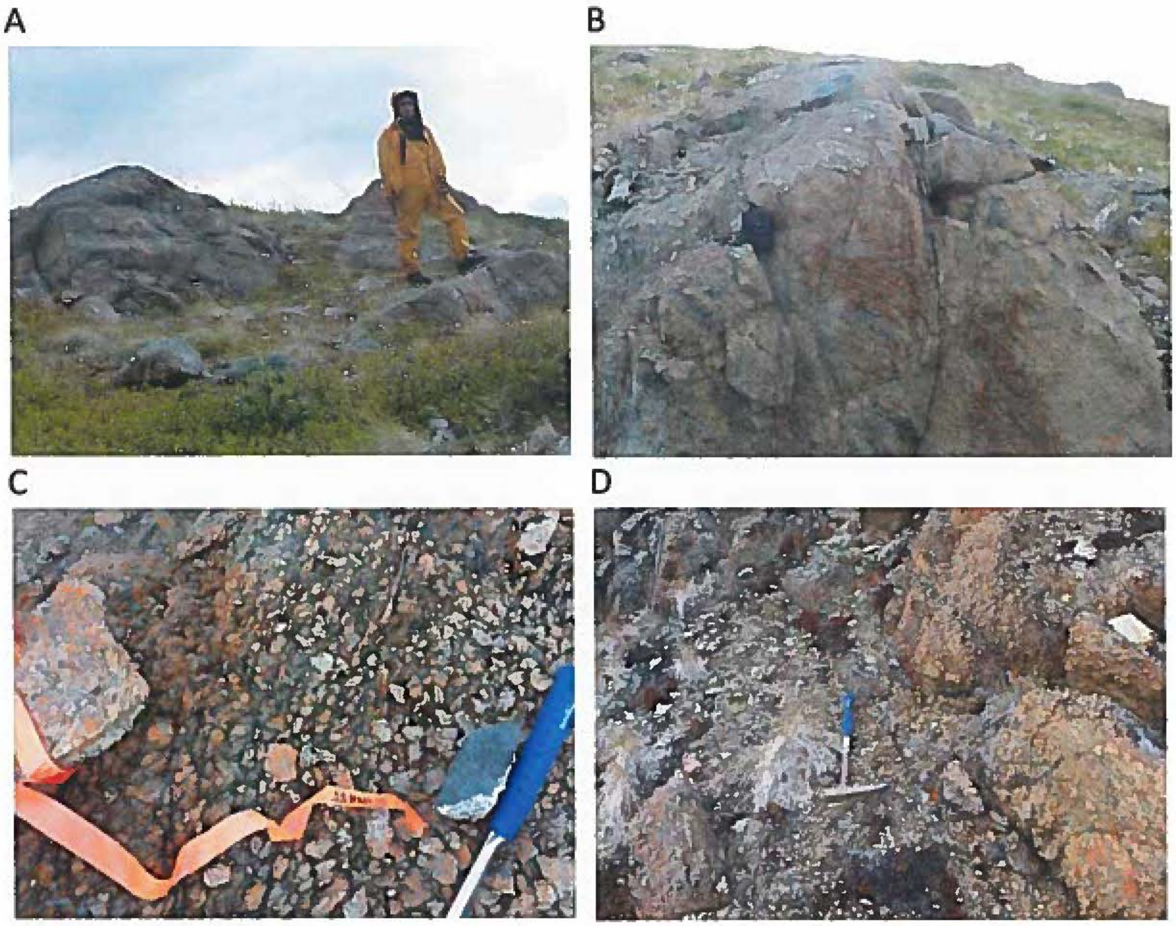


Fig. 5: Rock outcrop photographs of ultramafic sub-units. A: Massive peridotite outcrop. B: Strong semi-massive peridotite with rectilinear magnetite-serpentine stockwork veins that approaching pseudo-breccia texture towards the left hand of the photo. C and D: Weathered outcrops of "knobby" pseudo-breccia texture peridotite and grey fresh surface on hand sample on the left of the hammer in C.

Massive peridotite and dunite: Typically medium to dark grey or brown weathered, to medium grey-green-black fresh, medium-grained, pyroxene-phyric peridotite and rare dunite bodies fringe the southwest and northern-most northwest margin of the main zone of mineralization. Generally the massive ultramafics are weakly serpentinized although zones of intense magnetite-serpentine stockwork veins are locally developed. The overall appearance is massive, isotropic and blocky (*Fig. 5A*).

Semi-massive peridotite: These are black to dark grey-green, very fine to medium grained peridotite. It shows crackling or rectilinear jointing, overall moderate to strongly serpentinized with well-developed serpentine-magnetite veins throughout that commonly forms with strong developed stockwork to crackle breccia textures (*Fig. 5B*) and hosts significant awaruite mineralization.

Pseudo-breccia peridotites and dunites: Typically consist of dark green-black to brown-green and red-brown-green-black peridotite and less common dunite. Intense crackling or jointing controls alteration and generates pseudo-breccia textures with strong awaruite mineralization. Unhealed or healed penetrative foliations with occasional crude mineral alignment can be found in many outcrops and are oriented sub parallel with the alteration-mineralized zones. They are related to similar regional stress that developed before, during and after mineralization events. Pseudo-breccia textures developed in peridotite consist of pyroxene bearing ultramafic fragments typically less than 2 cm in size encased in a pervasively serpentinized matrix. Weathering of exposure can impart a knobby appearance (hobnail texture) where early patches of serpentinized pyroxene crystals and olivine that imparts a pseudo-breccia texture within a pervasively serpentinized matrix (*Fig. 5C*). Outcrop of pseudo-breccia texture in dunite looks very massive in outcrop and can be very tough to sample.

Fine grained metamorphic olivine and clinopyroxene (diopside) noted in polished thin sections and confirmed by microprobe often overprint pseudo-breccia textures. They are also common in the two the drill holes and imparts a late banded pattern highlighted by diopside crystals (*Fig. 24*).

A B

Fig. 6: Rock outcrop photographs of ultramafic sub-units. A: C-S shear fabric and B: sub-parallel shears in peridotite.

Shear Zones– Post mineral, dark green-black to brown-green, sheared peridotite with strongly developed C-S fabrics across several metres (*Fig. 6A*) and can be traced several hundred metres along the best exposures within the upper end of the main target area. Protomylonite to mylonite and maculose fabrics occur in a steep structure at the top of the ridge above the main target area where of serpentine and magnetite after olivine and pyroxene in common porphyroclasts and are elongate parallel to schistosity (*Fig. 6B*).

Mafic Dikes

A single medium grey, non-magnetic, mafic dike is exposed in the upper elevations of the mineralized zone (Fig. 4) and consists of fine grained anhedral pyroxenes, plagioclase and garnet in an aphanitic matrix. It is likely a rodingite dike. It measures 3 to 18 meters wide and is semi continuous for 300 meters. A second wide dike was intersected towards the bottom of hole 2 and three other narrow dikes (<1m wide) were intersected in both drill holes. Results of the petrographic examination of these dikes are pending.

Metasediments

Thinly laminated to thinly bedded, original siltstone-mudstone with rare interbedded chert occurs on the southwest boundary of the claim group and in the eastern margin of the property. The metasediments are probably in fault contact with the ultramafics, however, they are not well exposed due to cover.

Plutonic rocks

An unaltered medium to coarse grained granodiorite-diorite stock occurs off the southeast margin of the property based on angular float boulders, outcrop and correlation with a magnetic low signature.

4.2.2 Structure

The northwest-southeast orientation of sub units of ultramafics described above are based on textures caused by structural and alteration processes and can provide vectors towards awaruite mineralization. Structural elements at a smaller scale include penetrative foliations, fractures or joints and veins which are described below. Some of these detailed features are related to the regional fault-shear strain.

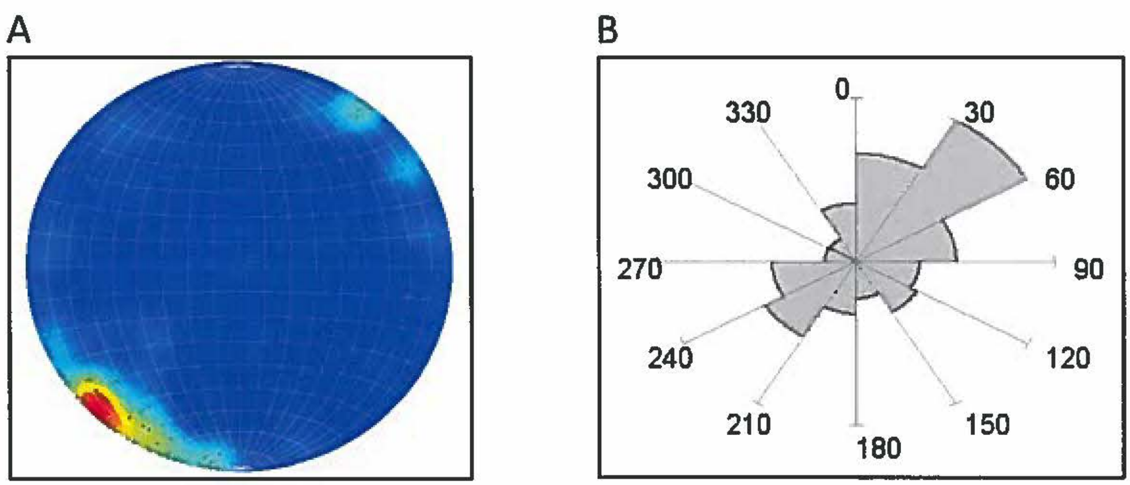


Fig. 7: Structural elements. A: Penetrative foliation plotted as poles to planes in a lower hemisphere equal-area stereonet and B: dip direction in a rose diagram (n=107).

Penetrative foliation normally strike northwest-southeast and most commonly dips steeply to the northeast (Fig. 7). This mostly post-mineralization foliation mimics the orientation of the sub units of the ultramafics which reflects the structural regime that controlled the zones of mineralization and mimics the regional fabric described above (see section 4.2.1 Rock Types).

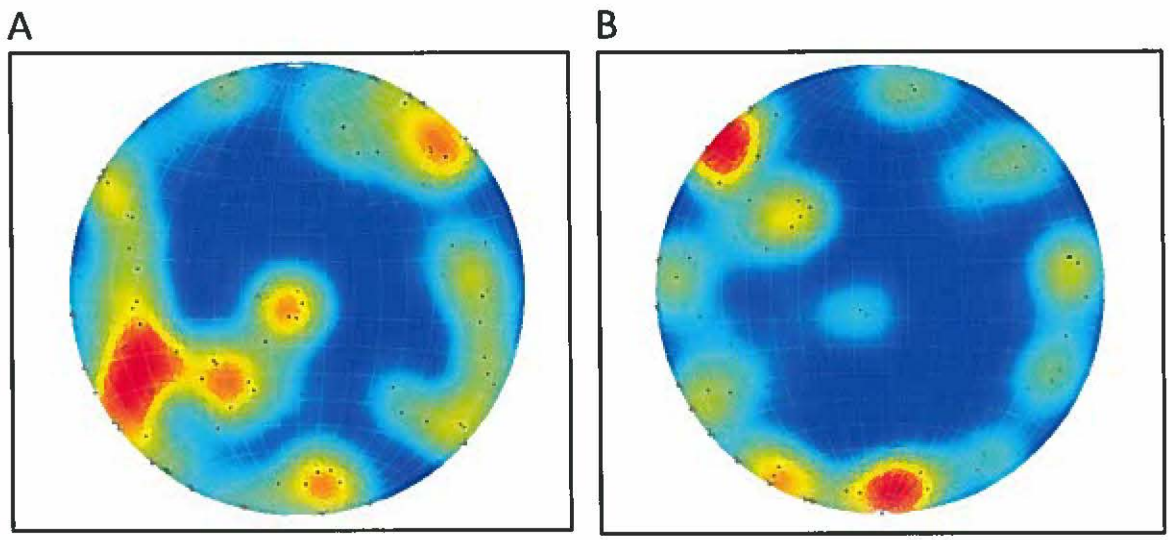


Fig. 8: Structural elements. A: Veins *(n=87) and B:* fractures *(n=61) orientations plotted as poles to planes in a lower hemisphere equal-area stereonet.*

Veins of serpentine-magnetite which can host awaruite mineralization are more concentrated along northwest trends with moderate to steep dips although shallow dips trend to the northeast (*Fig. 8A*). Moderate to steep unhealed fractures are dispersed in circumference of the stereonet (*Fig. 8B*) with a concentration of northeast trends not reflected in the vein pattern. A minor change of regional strain is indicated between pre and syn mineralization-alteration events and post-alteration fractures.

4.2.3 Alteration

Two types of alteration are common within the Mich property: serpentinization associated with awaruite mineralization and post mineral Mg-Fe carbonate alteration.

The sub units of the ultramafics in and around the main zone of mineralization have been moderately to strongly altered to antigorite-lizardite-magnetite-awaruite assemblages and later overprinted by higher temperature meta-olivine and diopside. Early stages of pervasive serpentinization are generally controlled by olivine grain boundaries and micro-fractures and can impart a medium grey-green coloration. Later episodes of fracturing and alteration-mineralization and are commonly controlled by brittle and lesser ductile deformation to impart a dark black-green-brown antigorite-magnetite alteration that hosts coarse awaruite grains in serpentine-magnetite veins or stockwork or zones of crackle breccia and pseudo-breccia textures. In comparison, massive peridotite retains a pale grey-green color caused by weak to moderate serpentinization. Relict olivine crystals can range from 10 to 30%.

Metamorphic olivine has also been confirmed with microprobe data and indicates local upper greenschist to amphibolite metamorphic grade (*Fig. 9B*). This higher temperature assemblage is spatially related to pseudo-breccia textures that are associated with an increased abundance and grain size of awaruite.

A B

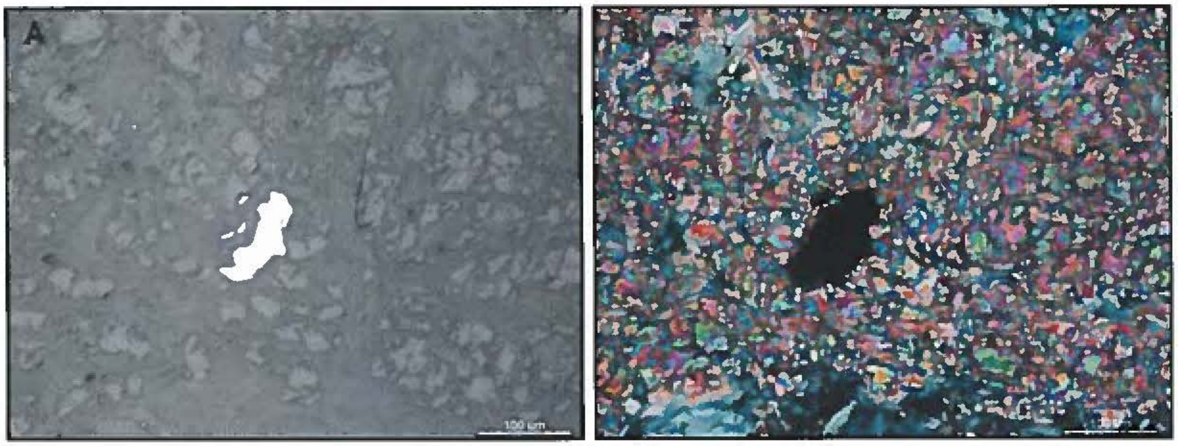


Fig. 9: Photomicrographs of awaruite and secondary olivine. A: reflected light, shows highly reflecting >100 µm simple grain of awaruite, surrounded by mainly olivine and minor serpentine exhibiting a clastic or alteration/metamorphic texture. B: crossed nicols, same field of view, high relief and strongly birefringent colors of clastic and matrix texture in left photo have been re-crystallized to metamorphic olivine; grey blades at the bottom of the view are antigorite (faint 100 µm bar in lower right of both).

Mg-Fe carbonate alteration has been observed within the northwest, northern and southern margins of the property where it is spatially associated with major contacts, shear zones and near and in dikes. Mg-Fe-carbonate alteration weathers to a pastel orange-yellow rind and more intense alteration can destroy textures of host ultramafic including the destruction of magnetite whereas chromite can be preserved.

4.2.4 Mineralization

Awaruite (Ni_3Fe) is a naturally occurring nickel-iron alloy associated with serpentine minerals and magnetite and within the main zone of mineralization the amounts of the mineral ranges from 0.1 to 0.2% based on magnetically recovered nickel analyses. Awaruite occurs as widely disseminated fine (<50 µm) to coarse (>150 µm) simple grains (*Fig. 10B* and *C*) and is hosted in the crackle or pseudo-breccia sub units of the ultramafics in the main and key targets at the Mich property.

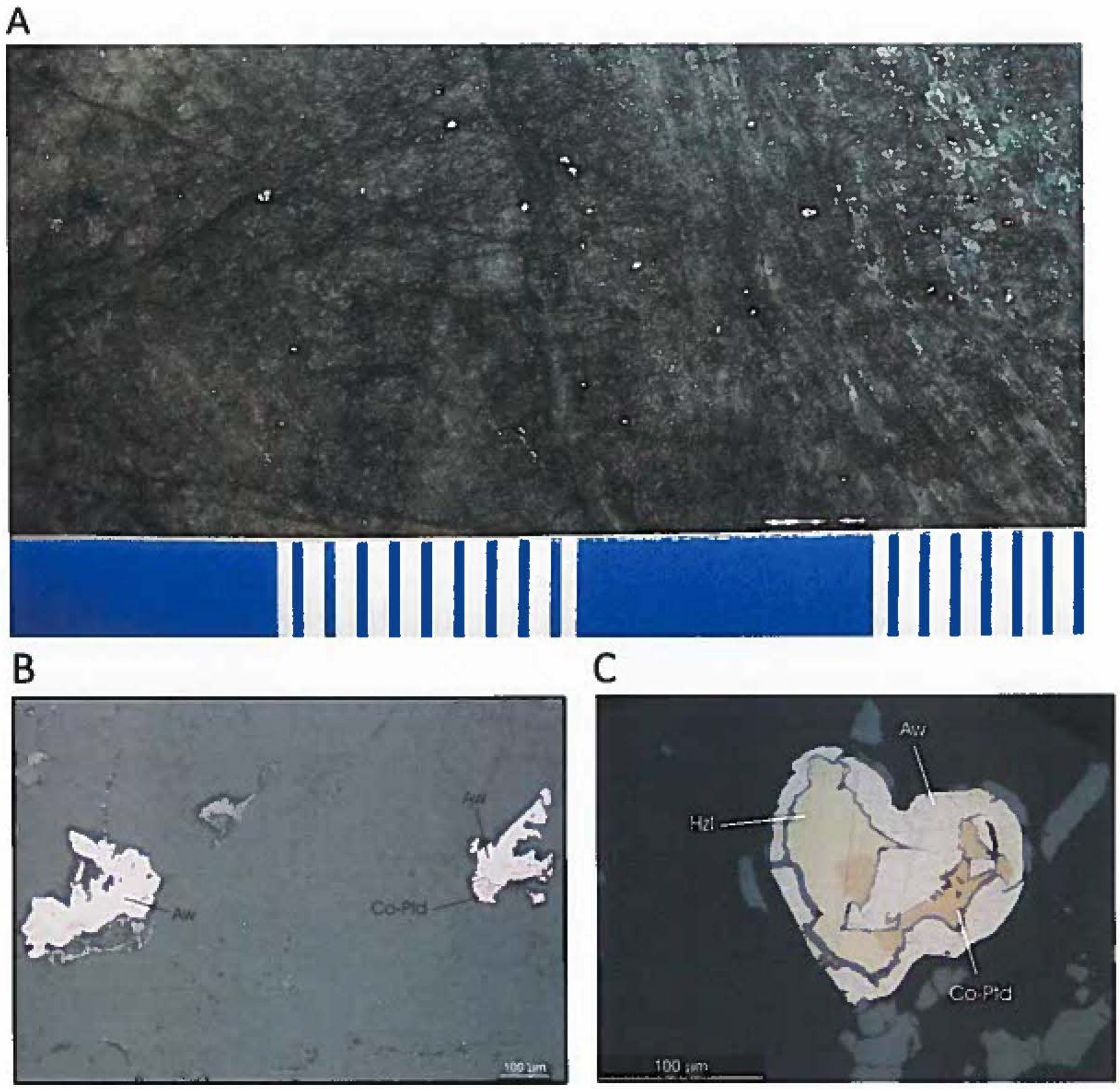


Fig. 10: Photos and micrographs of awaruite mineralization. A: Rock slab (1 cm blue bar) showing highly reflecting disseminated awaruite mineralization many in microveinlets. B: Reflected light with coarse grains of awaruite. C: Composite grains of Co-pentlandite and heazlwoodite mantled by an inner layer of magnetite, and outer mantles of awaruite and magnetite (dark grey).

The main target measures 1.3 kilometers long and ranges from 130 to 570 meters wide. The target area appears to expand southeast down the ridge, however outcrop sampling has been hindered by overburden cover. The target is covered beneath glacial till and alluvium in the valley bottom but traces of low grade mineralization have been found across the valley a distance of 3 km to the southeast.

Composite grains consist of early Co-pentlandite, heazlewoodite and chromite, mantled by magnetite and awaruite (*Fig. 10B* and *C*) and occur on the northern margin of main Mineralization northeast of the mafic dike. The compositions of the minerals in the composite grains were confirmed by petrographic microscope, SEM and microprobe analysis (Gagnon, 2013).

4.3 Ore Deposit Genesis

The processes that generated awaruite mineralization on the Mich property and the better understood large Ni-Fe alloy resource on the Decar Property, BC are paraphrased below (Britten, 2013; in press).

"Micro fracturing and foliations generally sub-parallel to northwest shears or faults, and other fracture systems provided high porosity to focus continental or meteoric waters. Regional metamorphism and exothermic serpentinization provided a source of heat to produce the pervasive antigorite, lizardite, magnetite and lesser awaruite assemblages. Exiting reduced fluid with high fH_2 was probably caused by serpentinization, particularly by the precipitation of magnetite. Very low fS_2 and low fCO_2 are also envisioned in the original magmatic environment and later metamorphism. During later stages of serpentinization key conditions were needed to oxidize Fe^{+2} to Fe^{+3} and produce $Fe^{+2}2Fe^{+3}O_4$ (magnetite) and to allow Ni^{+2} to migrate from source or magmatic olivines to specific sites where high fluid flow allowed grains to grow >50 microns in size. From 10 to 30% relic olivine observed in mineralized zones buffered the process of serpentinization while maintaining a suitable oxidation environment to precipitate and stabilize the awaruite grains while generating a very reduced metamorphic fluid.

The estimated temperature regime of mineralization is in the range of 300 to >450°C based on alteration assemblages."

5.0 Rock Sampling and Analytical Methods

5.1 Rock Sampling Method

Rock samples, located using handheld Garmin™ GPS devices, were initially taken at regular 50 m intervals and later taken at 10 to 25 m intervals within portions of the key target area where outcrop was available. Point rock sampling involved the collection of 0.5 to 1 kg material representative of the outcrop as well as a representative hand sample. Hand samples were subsequently cut with a diamond saw and observations of rock type, degree of serpentinization, magnetic susceptibility, descriptive mineralogy, awaruite grain size and macroscopic textures and location data were entered in Microsoft Excel (see Appendices 3 and 4) and later plotted spatially using MapInfo GIS program.

5.2 Analytical Method for DTR Ni

The samples were prepared and analyzed at Actlabs at Kamloops, BC, in 2014. Whole samples were crushed and then ground to produce a final split with 95% passing -200 mesh (75 µm) and used as a feed for Davis tube magnetic separation.

Fig. 11: Davis Tube tester.

The Davis tube magnetic separator (Fig. 11) extracts the magnetic particles of the prepared sample using an electromagnetic field. The parameters of the Davis tube magnetic separation are shown in *Table 2*. A 30 or 60 g aliquot of pulp sample split as prepared above is added to the cylindrical glass tube oscillating at 60 strokes per minute. The magnetic particles are captured by the magnetic field as the sample progresses down the cylindrical glass tube. The non-magnetic fraction is washed with water until only the magnetic fraction remains in the cylindrical glass tube. Magnetic and non-magnetic fractions are dried and weighed to determine the percentage of magnetic material in each sample. The magnetic fraction is analyzed using the 4C package, which consists of X-Ray fluorescence fusion. The magnetic fraction is roasted at 1050°C for 2 hours. The fusion disk is made by mixing a 0.5 g equivalent of the roasted sample with 6.5 g of a releasing agent. The samples are analyzed on a Panalytical Axios Advanced wavelength dispersive XRF.

Parameter	Value
Magnetic field strength (Gauss)	3500
Flow rate (ml/min)	400
Tube angle (degree)	45
Stroke rate (strokes/min)	90
Tube diameter (OD, mm)	40
Agitation period (min)	9
Approximate Start mass (g)	30

Table 2: Davis tube analysis parameters

The DTR Ni content of the sample is calculated using *Equation 1* and measures the magnetically recovered nickel held in awaruite.

Equation 1: $$DTR\ Ni = Ni_{magnetic\ fraction} \times \frac{m_{magnetic\ fraction}}{m_{magnetic\ fraction} + m_{non-magnetic\ fraction}}$$

5.3 Rock Sample Results

All sample descriptions and DTR Ni results are in Appendix 2 and also plotted in *Fig.* 12. A histogram of DTR nickel values ranges from rock samples in the main mineralized zone are located in *Fig. 14*. The standards and duplicates results to demonstrate quality assurance and quality control are in Appendix 4 and assay certificates are in Appendix 9. Density of sampling is driven by availability of outcrop with more extensive outcrop on the southwest margin of the main zone of mineralization whereas outcrop is more scattered toward the northeast margin because of overburden cover. The distribution of rock samples within the main mineralized zone are shown in *Fig. 12*.

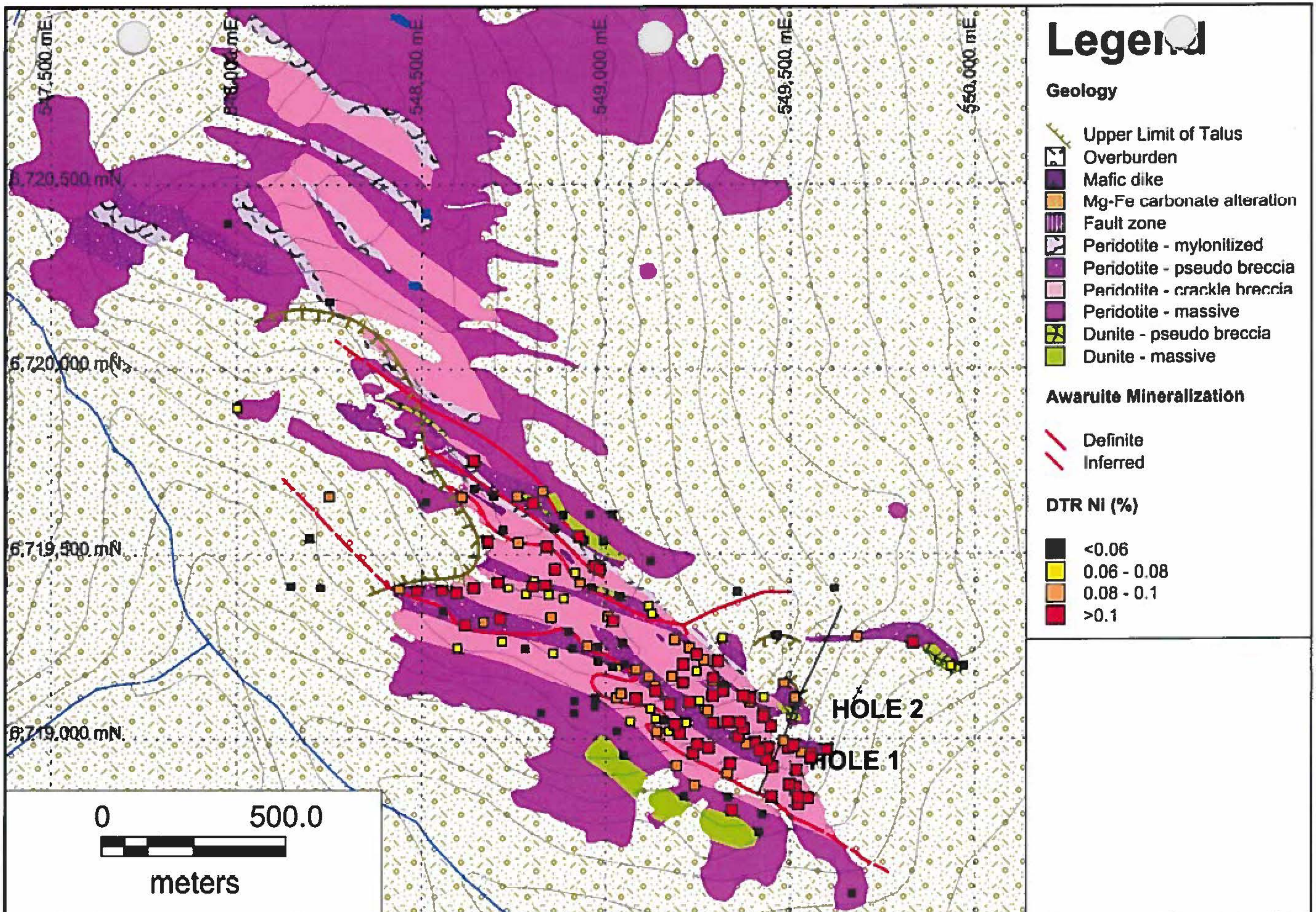


Fig. 12: DTR Ni point rock samples plotted on geology map.

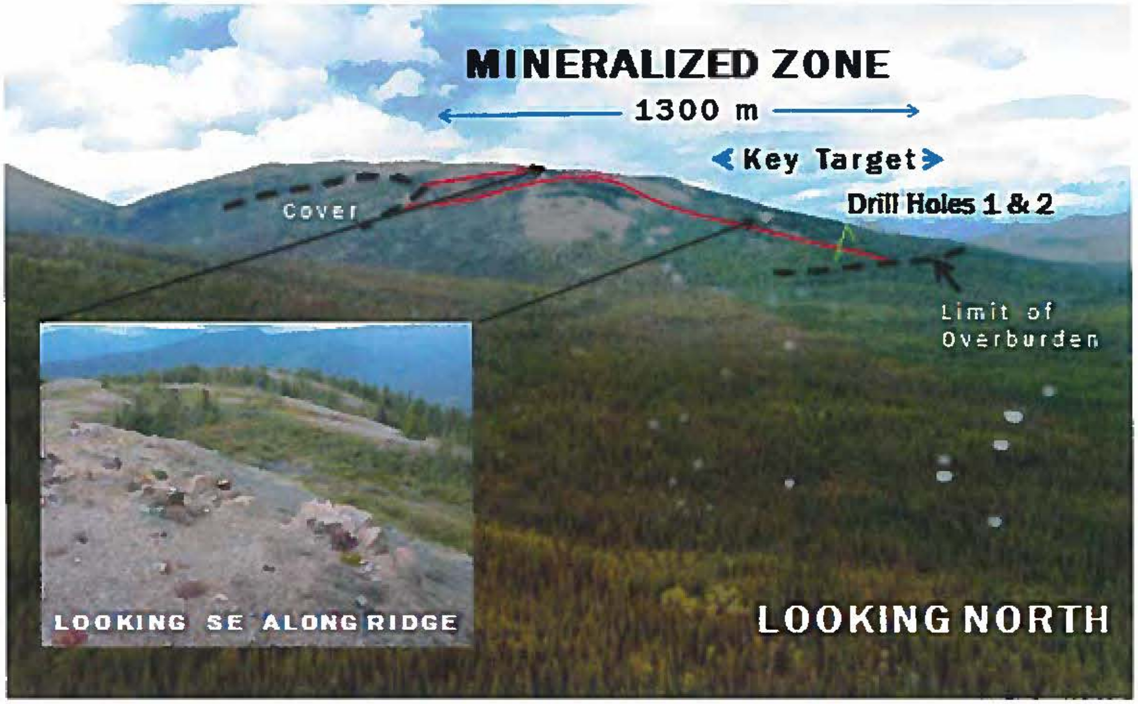


Fig. 13: View showing the main mineralized zone, Key target and drill holes of the Mich ridge.

Number of rock samples collected and analyzed for DTR Ni analysis in 2013 and 2014 totals 176 with 111 sites located within the main mineralized zone which includes the key target (*Fig. 12*). The mineralized boundary is based on >0.08% DTR Ni values except for isolated lower values within the zone.

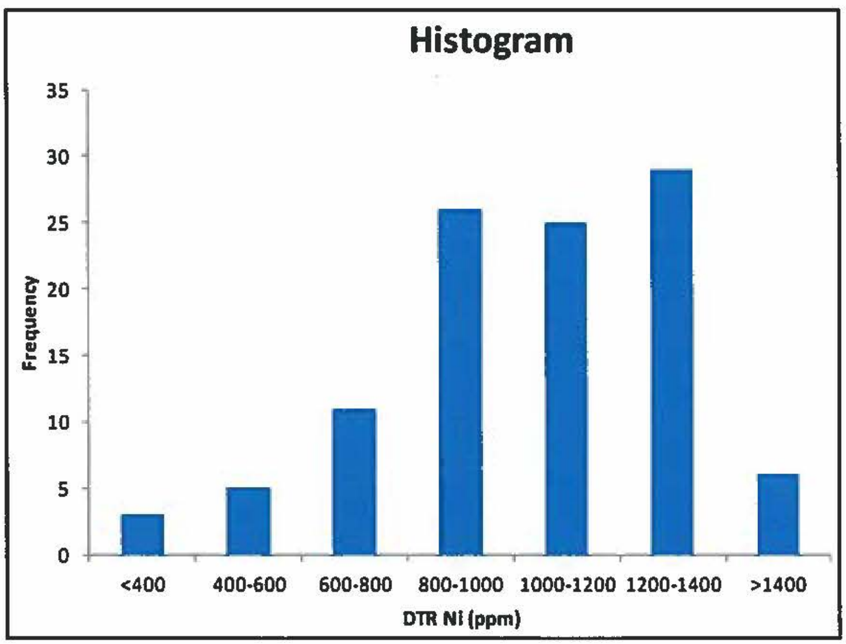


Figure 14: Histogram showing ranges of DTR Ni values (ppm) in rock samples within the main zone of mineralization (n=105 samples).

5.4 Channel Sample Results

Channel sampling was completed during the 2014 field season on the property from August 6th to August 12th and August 14th to August 19th by hand using a hammers and chisels and also using gas powered diamond saw on areas of continuously exposed outcrop (*Fig. 15*). Several areas were sampled northwest of the key target area that were recognized for having elevated Ni-in-alloy values. The sample sites were located along and down the main ridge within the northwest end of the main zone of awaruite mineralization (*Fig. 17)*.

Fig. 15: Channel sampling on Mich property

Samples from 6 areas were taken across structural features that control alteration and mineralization to determine average DTR Ni grades in the main zone of mineralization northwest of the key target and the probable effects of a wide mafic dike. Individual 4 to 5 metre long samples totaled 33 channel samples taken over a total length of 130 m from 21 trenches (*Fig. 17* to *23*). Channel sample location and descriptions are in Appendix 3.

In area one, low grade ultramafics from previous point rock sampling near a wide un-mineralized dike were trenches across the structural fabrics. The channel results confirm a low grade zone (339 to 555 ppm DTR Ni) within the ultramafics as a depletion envelope caused by this large dike (*Fig. 18*).

In area two trenches crossed a contact of crackled dunite and peridotite pseudo-breccia. Another trench was sampled crossing a shear zone (*Fig. 19*). Values from the dunite and peridotite ranged from 665 to 949 ppm DTR Ni. Sheared peridotite in the southwest corner of the carried 138ppm DTR Ni and the shear zone is likely to be the northwest margin of a low grade panel which hosted by mafic dike and an envelope of low grade peridotite and the shear zone.

Area three was hosted mainly by crackle-breccia peridotite (*Fig. 20*) and carried 973 and 1,160 ppm DTR Ni with grades slightly higher than point rock samples collected in the previous years.

In area four, 5 trench sample sites crossed northwest trending pseudo-breccia and crackled peridotite and carried variable DTR Ni grades from 663 to 1093ppm (*Fig. 21*). Some of the variability could be caused by supergene weathering and explain the lower grade results.

Pseudo breccia peridotite was sampled from 3 trenches in area five (*Fig. 22*) and carried 316 to 821ppm DTR Ni. These are compatible with previous rock sampling north and east of the area.

Four trenches were completed in area six in the southeast corner of *Fig. 17* to cover a portion of the area between the narrowing of the main zone mineralization which bounds to the Key target to the southeast. Crackle breccia peridotite and pseudo breccia dunite returned 1051 and 668 ppm DTR Ni respectively (*Fig. 23*). Pseudo-breccia peridotite in the northern trenches returned grades of 255 to 505 ppm DTR Ni. Previous point rock sampling and the channel samples indicated variable DTR Ni grades within this area although supergene weathering in some outcrops may have affected the grade.

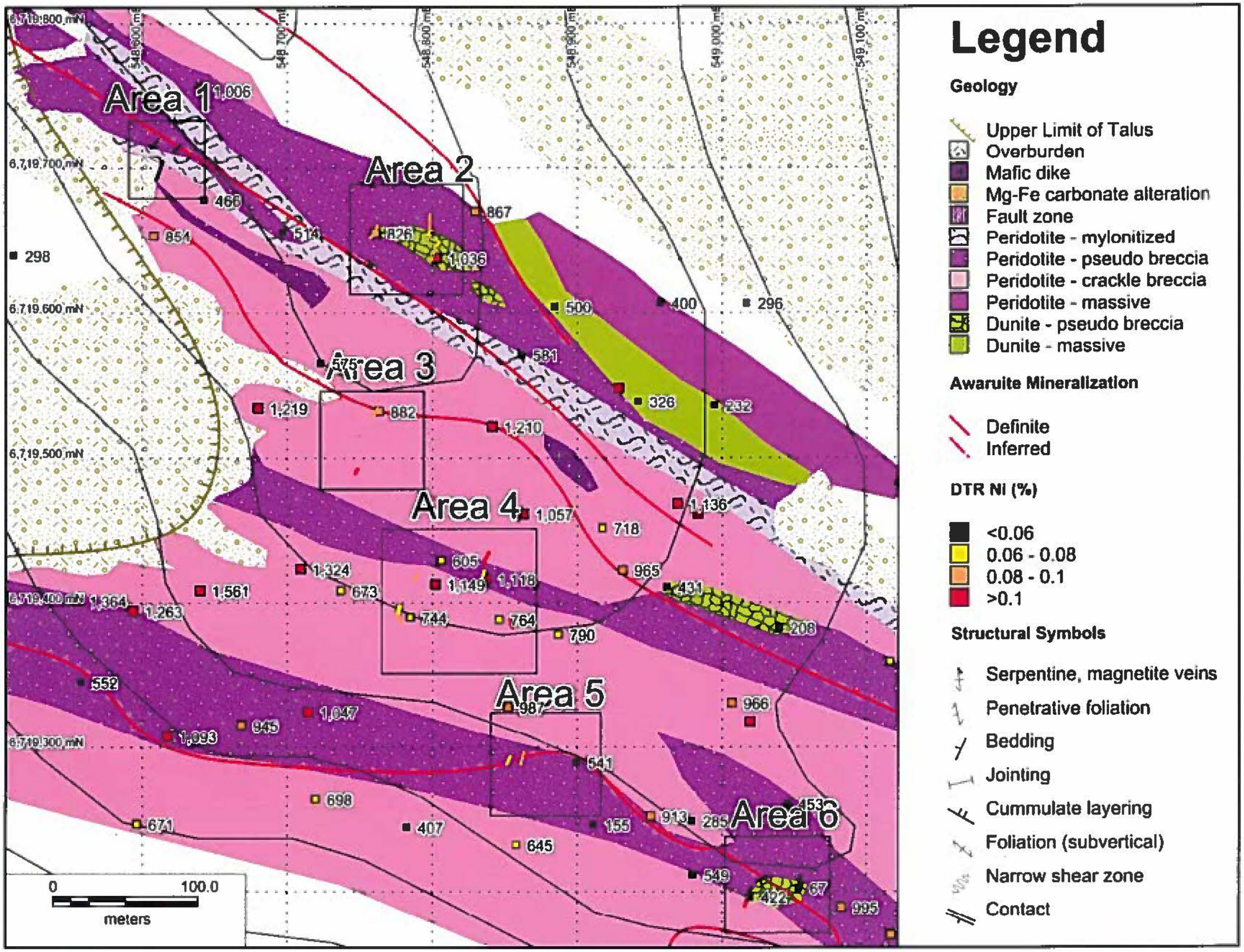


Fig. 17: Locations of trench/channel areas 1 to 6 of and point rock sample DTR Ni results.

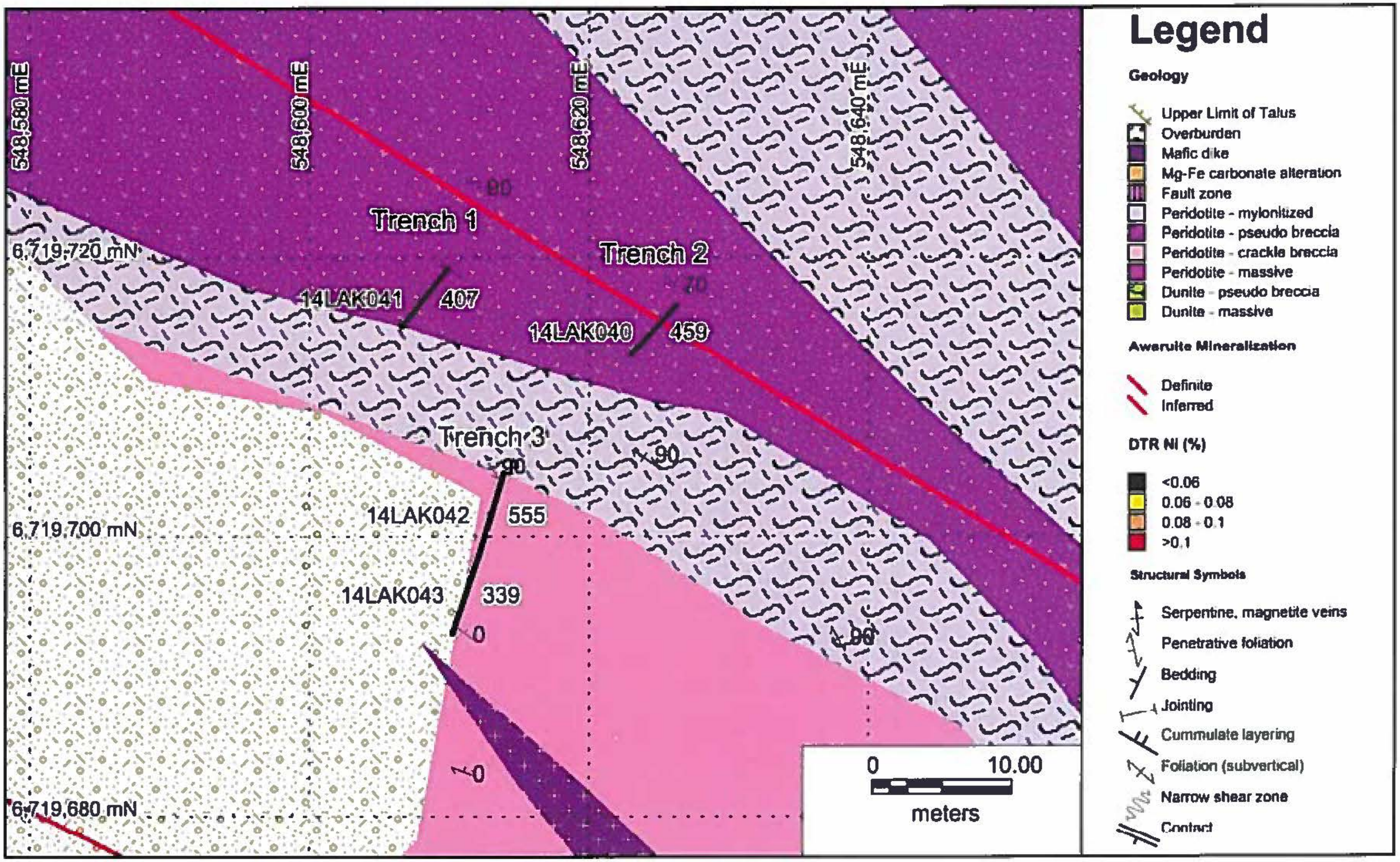


Fig. 18: Area one channel sample results trench 1 to 3 near a mafic dike

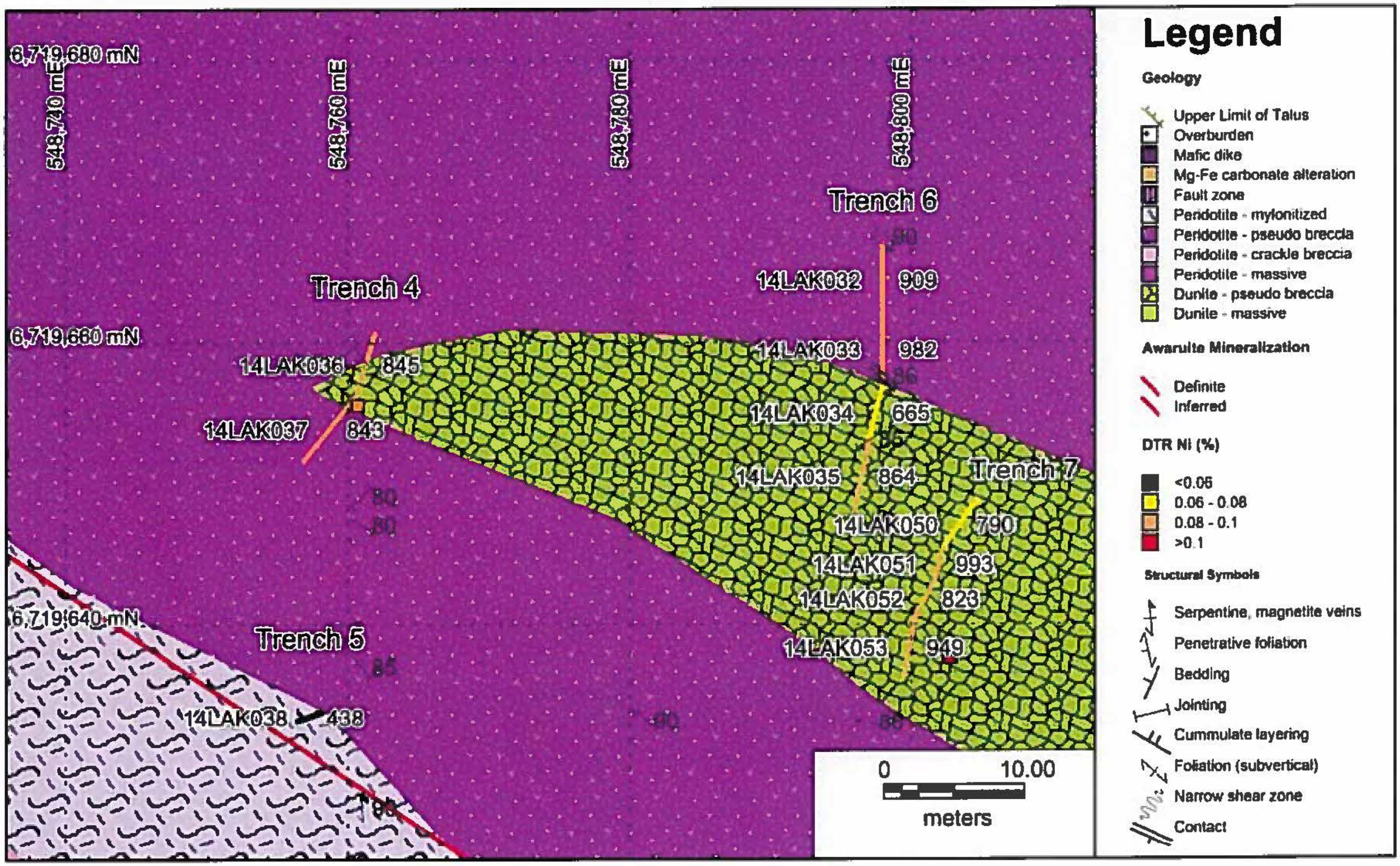


Fig. 19: Area two channel sampling results.

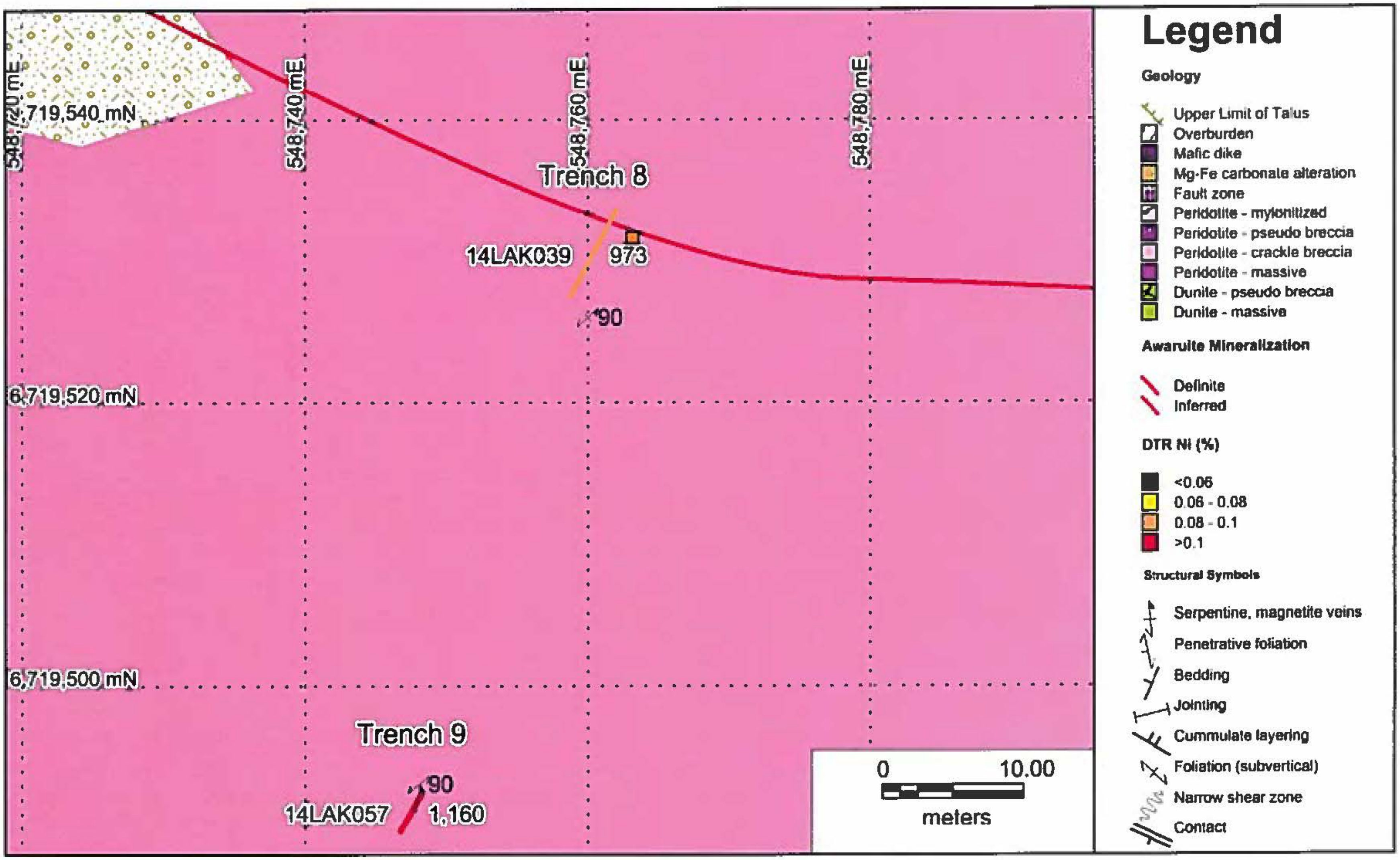


Fig.20: Area three channel sampling results.

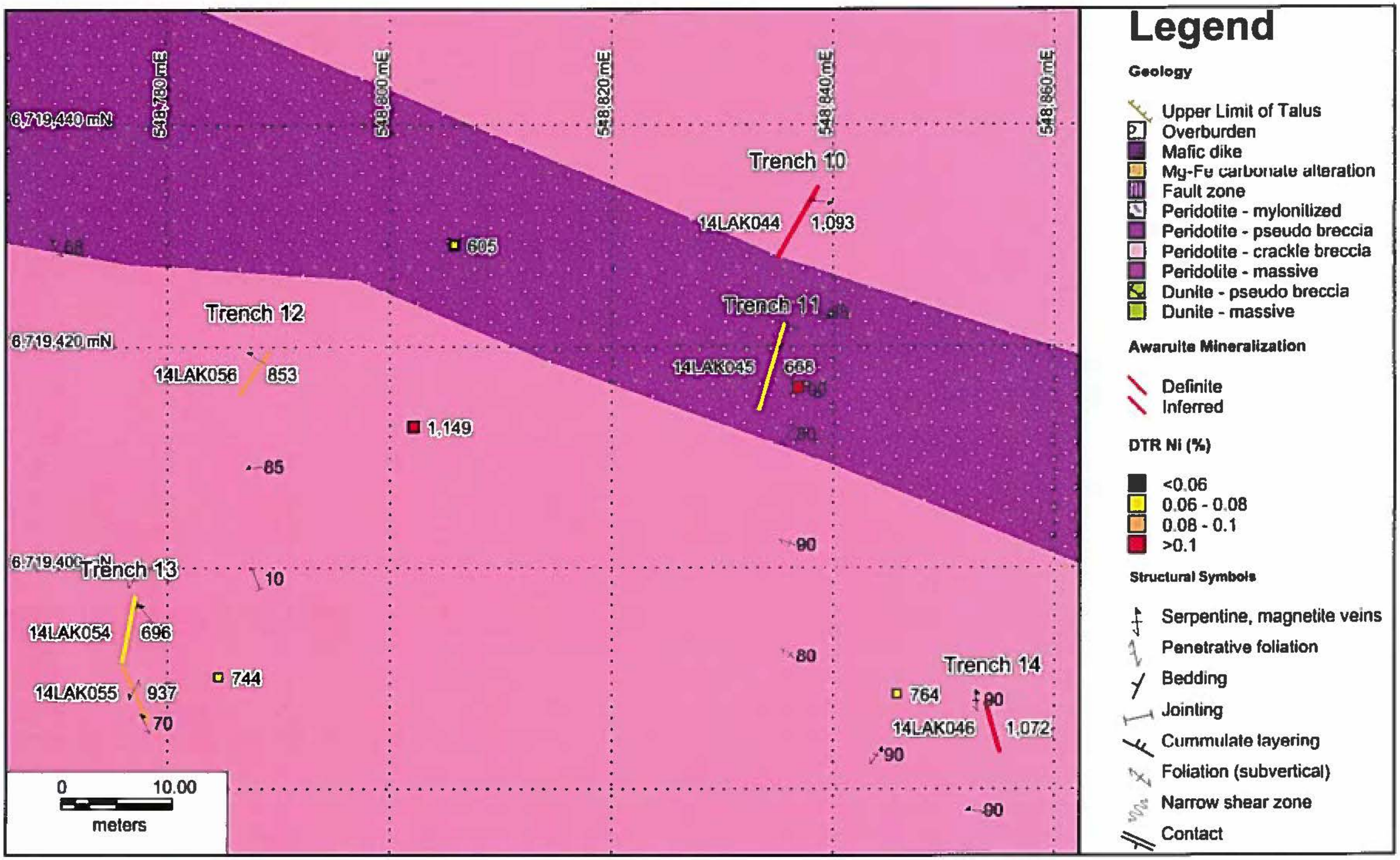


Fig. 21: Area four channel sampling results.

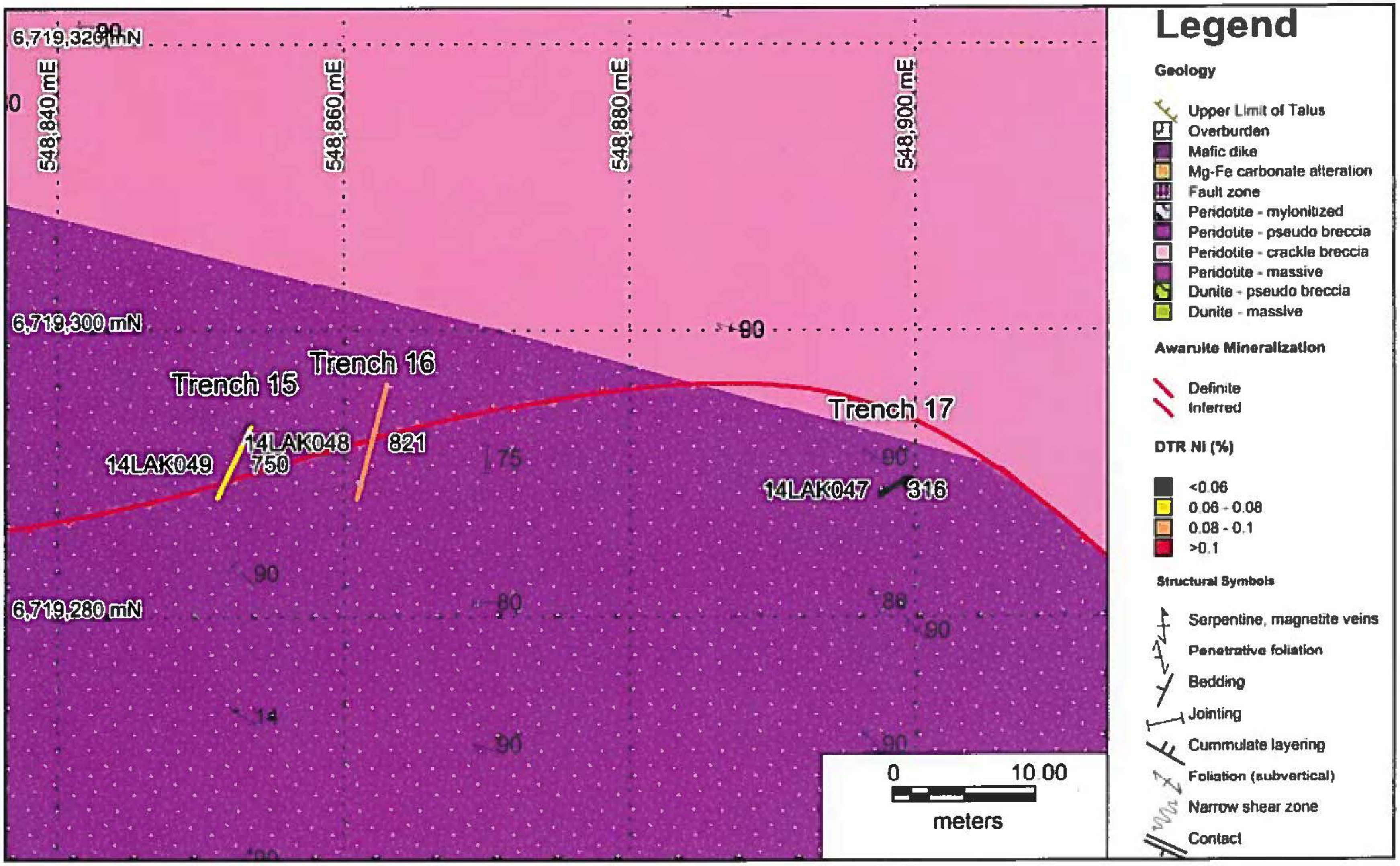


Fig. 22: Area five channel sampling results.

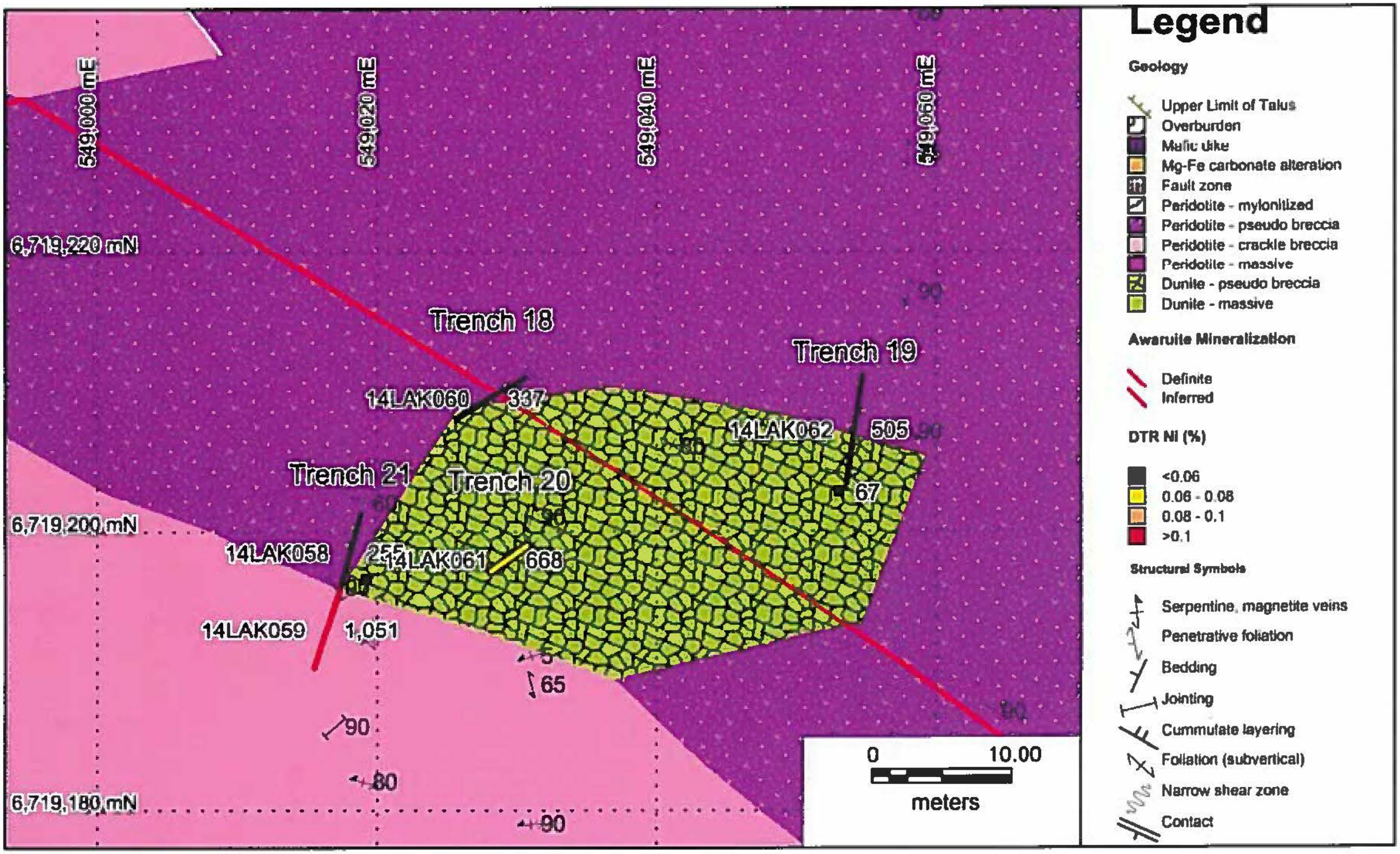


Fig. 23: *Area six channel sampling results* ranging from below 337 to 1,051 ppm DTR Ni.

6.0 Diamond Drilling

6.1 Logistics

The 2-drill hole helicopter supported program totaled 873 m was conducted from September 10th to October 2nd, 2014 using the diamond drilling contractor Kluane Drilling and Transnorth Helicopters based in Whitehorse, Yukon. A single portable KD 1000 drill rig, supplies, crew shifts and core were moved using an A-star and Jet Ranger. Both drill holes were collared on the same platform and used HTW, and reduced to NTW at approximately 140 meters. Down hole surveys were conducted using a Reflex multishot downhole survey tool. Core was logged, cut and sampled at the H.S. Bostock Core Library in Whitehorse. Recovered drill core from the two holes is currently being stored at Kluane Drilling's shop in Whitehorse.

6.2 Drill Hole Locations

The 2 holes were collared near in the central portion of the Key target area and were drilled in opposite directions, to the southwest and northeast to test the continuity of mineralization and grade. Drill hole location data is in *Table 3* and shown in *Fig. 26* and *27.*

Table 3: Drill hole collar location, length, drilling direction and inclination.

Hole ID	Easting	Northing	Elevation	Length	Azimuth	Dip
14MDH01	549510	6719083	1141	416.66	205	-50
14MDH02	549514	6719092	1141	456.29	25	-50

6.3 Core Logging and Sampling

Details of drill hole logs, cross sections and plan map are respectively in Appendices 5 to 7. Geotechnical logging of core included RQD, recovery, degree of breakage, structural characteristics and magnetic susceptibility (see Appendix 8). Geological logs recorded rock types, textural variations, and observations of mineralization. This included awaruite grain size, sulfide mineral assemblages, and presence of composite awaruite grains (awaruite associated with sulfides). Core logging data was entered directly into Microsoft Excel. Sections, plan maps and strip logs of the drill holes were later plotted using MapInfo and Discover.

Other data collected included RQD was measured in accordance to ASTM D6032-08, by measuring all recovered core greater than or equal to 10cm. Driller induced fractures were ignored where recognized. Recovered core was measured by tape measure, and occasionally estimated in areas of poor recovery, gouge or pervasively broken core. Structural logging of the core was measured with respect to core axis and included foliation, alignment of crystals, and predominant joint direction. Three magnetic susceptibility reading that were averaged were measured every 0.5 meter interval using a KT-10 Kappameter.

Drill core was cut with a diamond saw and samples were typically taken over 4 meter intervals. Samples exceeding 4 meters were only taken within areas of poor recovery although rock types (dikes) and textural or alteration variations dictated some sample intervals. Pictures of the core were taken prior to cutting with the sample tags stapled to the boxes for future reference. Non-mineralized zones, such as

Fe-carbonate altered peridotite, listwanite, mafic dikes and altered dikes, were not sampled. Certified standards were inserted approximately every 20 samples. The sample preparation and analyses are previously described (*see Section 5.2*).

6.4 Rock Types

Three main lithologies that include dunite, peridotite, and mafic/altered dikes - and sub units of structural/alteration textural variations of the ultramafics mapped at surface (see Section 4.2.1) and other features have been examined and recorded in the drill logs. Summary of these units are described below and detailed drill logs, including DTR Ni, are in Appendix 5.

Massive peridotite – medium grey-green medium to coarse grained pyroxene bearing peridotite host rocks with trace to weak black serpentine-magnetite veins. Typically exhibits weak fine grained awaruite mineralization

Semi-massive peridotite – dark green-grey black, medium to coarse grained pyroxene bearing peridotite with moderate to strong black serpentine-magnetite veins often strong stockwork and grades into a crackle breccia.

Pseudo breccia peridotite – dark green-black, medium to coarse grained pyroxene bearing peridotite with intense pervasively serpentinized matrix. Relict host rock fragments are identifiable, often contains metamorphic olivine and diopside to be confirmed by petrology (Fig. 25). This banded texture has not been seen in other awaruite systems.

Fig. 24: Variable textures in drill hole 1, 64 to 66 m depth of HTW core (71mm diameter) upper row of spheroidal texture with altered rims of dunite fragments, crackled peridotite in the middle row and lower

pseudo breccia periodotite fragment set in dark brown-black serpentine with ghost fragments and overprinting light colored diopside (?) which forms bands crossing the core at an apparent ~45°.

Dunite pseudo breccia – dark grey-green-black, pervasively serpentinized matrix with dunite fragments typically less than 2cm. The matrix is devoid of pyroxene-group minerals and is intensely serpentinized.

Mylonitized peridotite – dark green-black strongly serpentinized with magnetite after olivine. Well-developed foliation and attenuation of coarse grained relic olivine shows preferential elongation in the direction of foliation.

Cataclastic fault zones – deformed medium to dark green peridotite or dunite cut by faults that caused breccias, crushed zones and voids which can be filled or lined with carbonates and later veins.

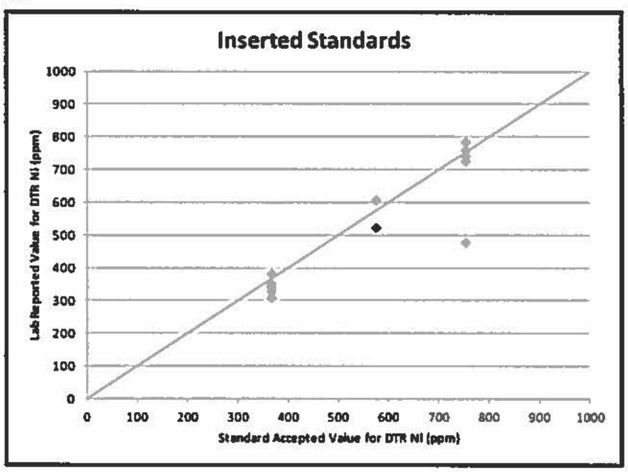
Mg-Fe carbonate alteration– medium grey-green yellow, consisting of ankerite-dolomite-magnetite with preserved weak awaruite mineralization in altered peridotite, ranges from replacement to total destruction of textures with increasing alteration. A post mineral alteration event which can significantly reduce awaruite grades.

Mafic/altered dike – buff grey-beige with discontinuous red hues, fine to very fine grained altered dikes or rodingites. Anorthite, wollastonite, diopside, grossular, chlorite and prehnite are common minerals in rodingites but petrological and SEM/microprobe examination are required to confirm.

6.5 Quality Assurance and Quality Control

To ensure accuracy and precision of results, First Point inserted standard samples containing known amounts of awaruite and establish by repeated DTR Ni analysis following the procedure in section 5.2. Duplicate core samples were taken by sampling quartered core. Standard and core duplicates sample were inserted every twenty samples. The results from the QAQC protocols are provided in figure 26.

A



B

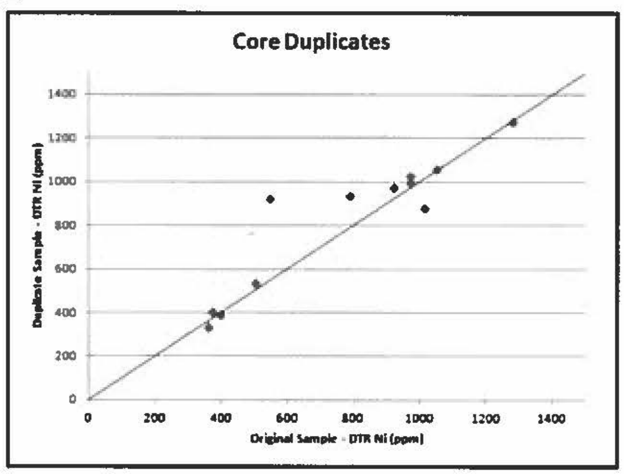


Fig. 25: Results for inserted standards and core duplicates.

Standards reported within reasonable limits of known accepted values for DTR Ni except one standard sample reported below two standard deviations will be evaluated (*Fig. 25A*). Most duplicate samples showed good repeatability except for two samples that showed >20% differences (*Fig. 25B*).

6.6 Drill Results

Details of the geology and analytical data of the two drill holes drilled are plotted on geological map (*Fig. 26 and Appendix 7*). Analytical results are summarized in *Table 4*. The holes intersected a broad zone of homogeneous disseminated nickel-iron alloy mineralized zone and using a cut-off grade of 0.06% DTR nickel, the zones dimensions measures 345 meters vertically from surface, 463 meters wide along the

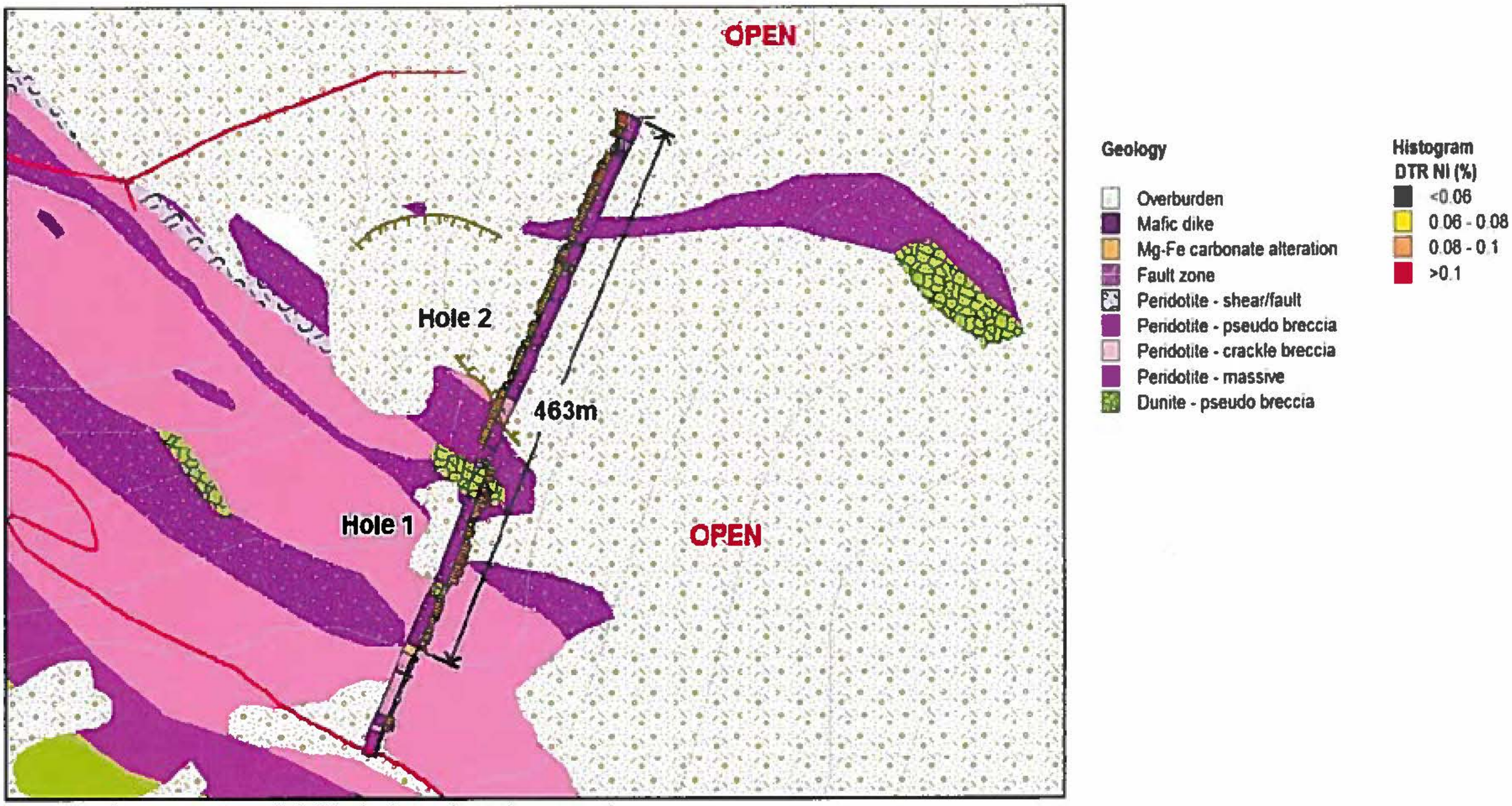


Fig. 26: Plan projection of drill hole data plotted on a geology map.

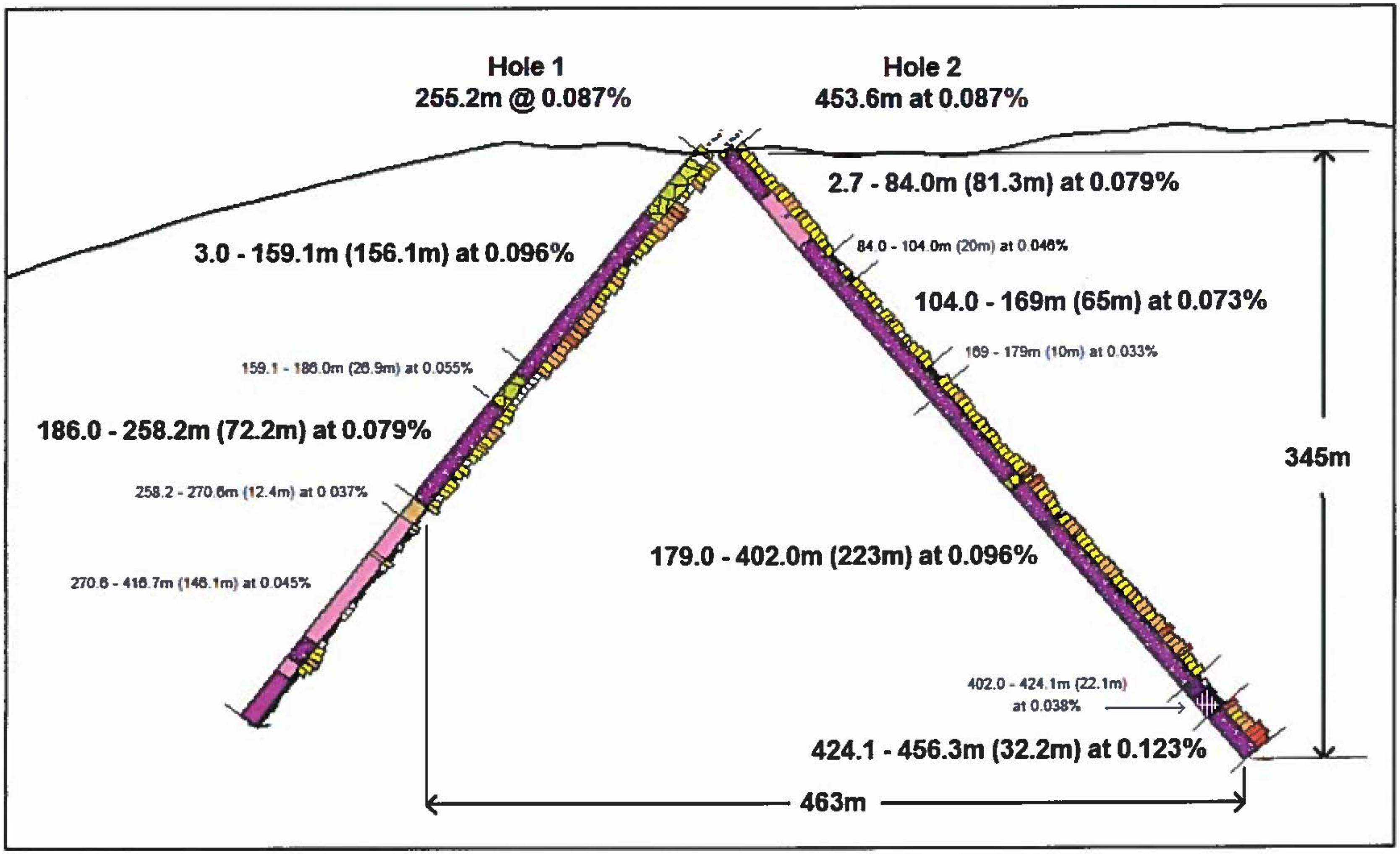


Fig. *27:* Drillhole section looking northwest.

drill hole section and remain open to the northeast, beyond the end of the second drill hole, which bottomed in 32.2 meters of 0.123% DTR nickel. Drilling and analytical results are located in Appendices 5 and 9. Detailed surface mapping of steep serpentine veins and foliation measurements and the distribution of the surface analysis of rocks samples and the drill hole data indicate sub-vertical geological control of the awaruite mineralization at Mich.

Table 4: Drill results summary

Hole #	Intersections (m)			DTR Nickel (%)	Comments
	From	To	Length		Rock Type - Textures
1	3	258.2	255.2	**0.087**	Peridotite – pseudo breccia
including	3	159.1	156.1	**0.096**	Peridotite – pseudo breccia
including	159.1	186	26.9	0.055	Dunite – pseudo breccia
including	186	258.2	72.2	**0.079**	Peridotite – pseudo breccia
and	258.2	270.6	12.4	0.037	Mg-Fe carbonate alteration
and	270.6	416.7	146.1	0.045	Peridotite – crackled to massive
2	2.7	456.3	453.6	**0.087**	Peridotite – pseudo breccia
including	2.7	84	81.3	**0.079**	Peridotite – pseudo breccia
including	84	104	20	0.046	Peridotite – pseudo breccia
including	104	169	65	**0.073**	Peridotite – pseudo breccia
including	169	179	10	0.033	Fine-grained ultramafic
including	179	402	223	**0.096**	Peridotite – pseudo breccia
including	402	424.1	22.1	0.038	Peridotite – post mineralization alteration & faults
Including	424.1	456.3	32.2	**0.123**	Peridotite – pseudo breccia

Hole 1 was drilled to the southwest and intersected pseudo breccia peridotite that contains variable, fine-to-coarse size (<50 to >300 microns) grains of disseminated awaruite mineralization, extending from 3 meters below surface to a down-hole depth of 258 meters while averaging 0.087% DTR nickel. The hole passed through a 12.4-metre wide, poorly mineralized zone of magnesium-iron carbonate alteration and into crackled-to-massive peridotite containing weakly mineralized awaruite at the 270.6-metre interval before it was stopped at a final depth of 417 meters.

Hole 2 was oriented in the opposite direction to the northeast and intersected disseminated awaruite mineralization beginning 2.7 meters below surface and extending to the end of the 456-metre long hole, where it was shut-down prematurely due to difficult drilling conditions caused by post-mineral fault zones and altered dike/alteration zone over 22.1 m where grade was reduced to 0.038% DTR Ni. The hole is dominated by pseudo breccia peridotite containing mineralized awaruite and averages 0.087% DTR nickel across 453.6 meters. Increasing nickel grades at depth include 223 meters averaging 0.096% DTR nickel and 32.2 meters of 0.123% DTR nickel at the bottom of the hole.

7.0 Proposed Exploration

Awaruite mineralization and key target hosted in series of sub units of ultramafics (Fig 28) coincides with a moderate ground magnetic geophysical feature, which lies on the shoulder of a continuous ground magnetic high response (red color) which measures 5.5 km long (Fig. 29). This magnetic high feature extends along strike 3 to 3.5 km to the southeast of the key target into overburden covered areas . The overburden is estimated to be less than 25 metres thick. The magnetic response also extends the width of the key target area a further 1100 metres to the northeast beyond the end of hole 2 where overburden has reduced the magnetic readings.

The pattern of awaruite (Ni-Fe alloy) based on rock sample analyses, structural data, distribution of crackle fracturing, pseudo breccia and the ground magnetic signature are all dominated by sub-vertical northwest-southeast orientations that control Ni-Fe alloy mineralization. Also, the results of holes 1 and 2 with increasing grade towards the bottom of drill hole 2 indicate a broader zone of mineralization which extends towards the northeast where bedrock is covered by overburden. Both portions of the dimensions warrant further drilling and a proposed 2-stage drill hole program illustrated in *Fig. 28* and *29.* Stage 1 involves extending the drill section of holes 1 and 2 by drilling several 200-metre spaced holes to the northeast and locate the highest grade along the section. Then stepping 400 metres spaced drill sections either side of the section holes 1 and 2 would be drilled to track the highest grade portion of the system. Stage 2 will be adjusted depending on stage 1 results on 400 metre spaced drill sections and stages 1 and 2 would test a ~2 kilometer long strike length of the system.

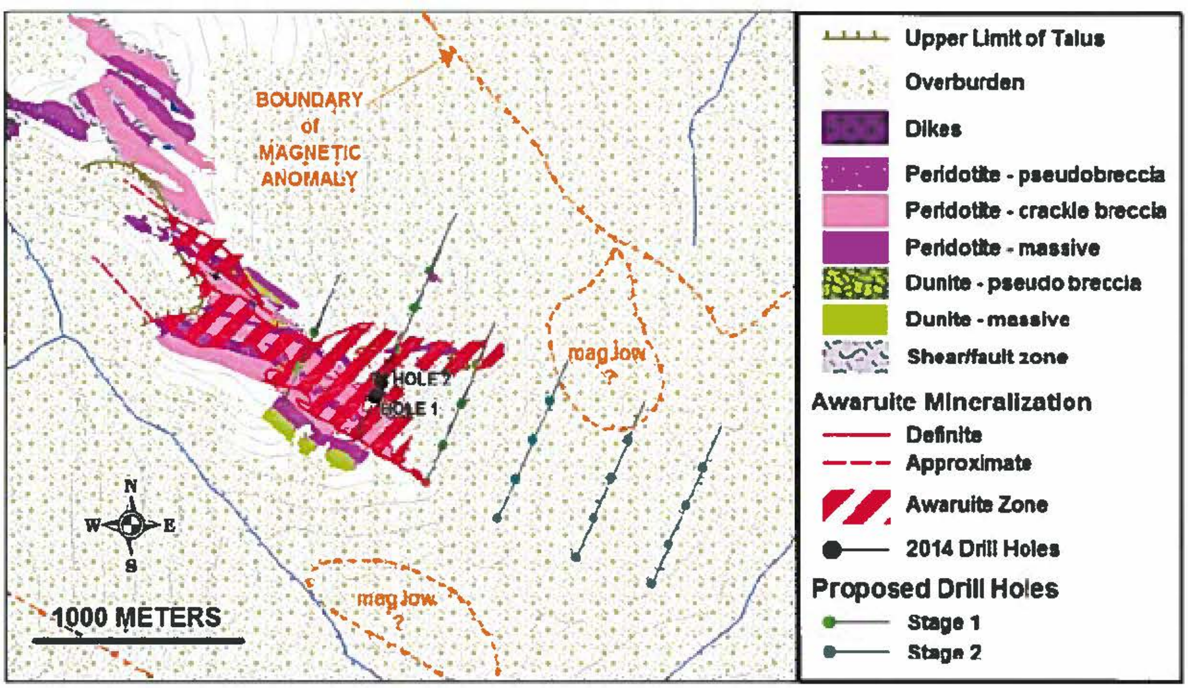


Fig. 28: Stage 1 and 2 proposed drill holes, main mineralized zone plotted on a geology map.

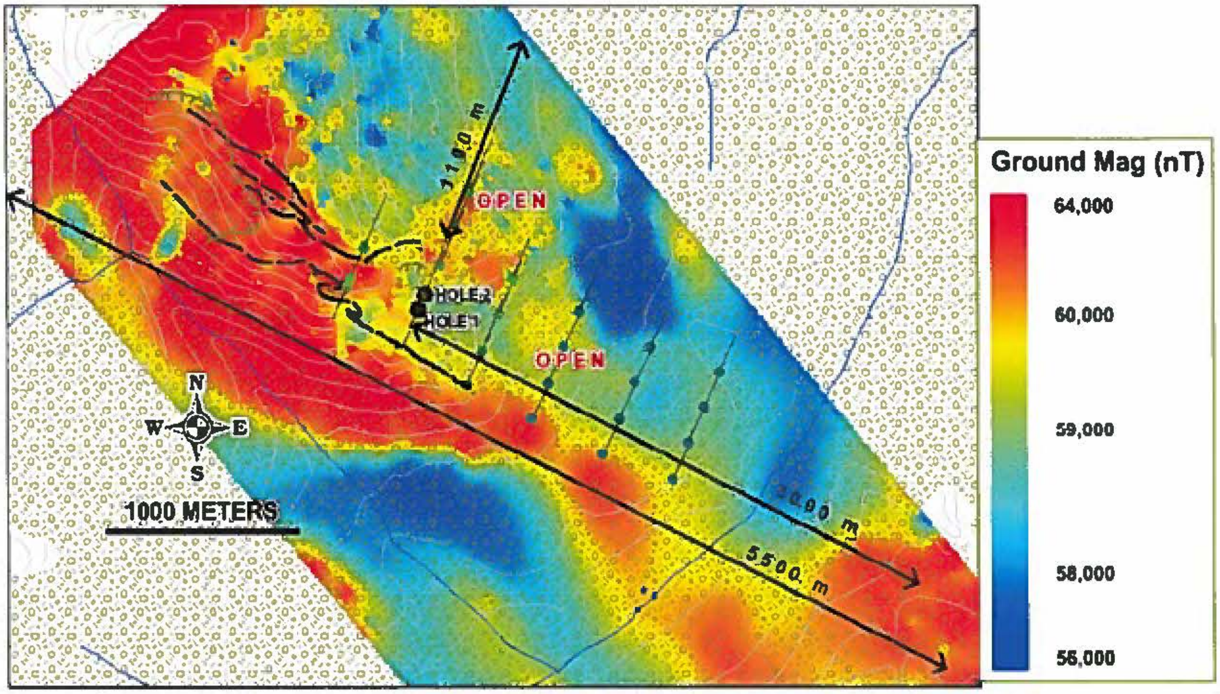


Fig. 29: Stage 1 and 2 proposed drill holes (see Fig. 28 legend), main mineralized zone boundary (dashed black line) and dimensions of ground magnetic response (nT= nanoteslas).

8.0 Project Expenditures

Exploration activities on the Mich project during the 2014 exploration field season consisted of detailed geological mapping, channel sampling, and 847 meters of diamond drilling. The total exploration expenditures for the 2014 field program at Mich totaled ~$386k (Table 5). Invoices are included in Appendix 10.

Table 5: Mich Project 2014 Expenditures

Item	Details	Cost		Quantity	Total	
Helicopters	See Appendix for Invoices	$	151,734.97	1	$	151,734.97
Drilling	See Appendix for Invoices	$	133,884.49	1	$	133,884.49
Assaying	See Appendix for Invoices	$	26,082.83	1	$	26,082.83
Shipping	See Appendix for Invoices	$	928.70	1	$	928.70
Pad construction	See Appendix for Invoices	$	6,749.44	1	$	6,749.44
Core Cutter	Lenora Toews - $25/hr	$	25.00	115	$	2,875.00
Senior Geologist	Trevor Rabb	$	500.00	32	$	16,000.00
Senior Geologist	Marie-des-neiges Gagnon	$	500.00	34	$	17,000.00
Senior Geologist	Ron Britten	$	500.00	10	$	5,000.00
Field Assistants	Les Ketchell & Chris Britten	$	350.00	30	$	10,500.00
Living Allowance	$100 per day per person	$	100.00	106	$	10,600.00
Sample bags	$98.95 per 100	$	98.95	1	$	98.95
Rice Bags	$1 each	$	1.00	30	$	30.00
Radios	1 mo @ $100/mo	$	100.00	1	$	100.00
Sat Phone	1 mo @ $199/mo	$	199.00	1	$	199.00
Fuel	50L	$	1.40	50	$	70.00
Propane		$	50.00	1	$	50.00
Truck rental	Truck rental and insurance	$	131.67	32	$	4,213.44
Saw blade		$	161.57	1	$	161.57
				Total	$	386,278.39

9.0 Qualifications

Ron Britten

Ron Britten has been VP of Exploration for First Point Minerals since 1996. He received his Bachelors of Applied Science degree from the University of British Columbia in 1974 and his Ph.D. in 1982 Australian National University, Canberra, Australia and is a PEng. in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (license #109865). He has worked as an exploration geologist for more than 40 years since 1974 both in Canada and internationally, and meets the NI43-101 criteria as a "Qualified Person".

Trevor Rabb

Trevor Rabb is a senior project geologist with First Point minerals, and has fulfilled the position as a project geologist since 2010. Trevor graduated from Simon Fraser University in 2008 with a Bachelor's degree in Earth Science. He is currently a registered Professional Geologist of the Association of Professional Engineers and Geoscientists of British Columbia (license #39599). Trevor has worked continuously in mineral exploration in British Columbia, Yukon Territory and Australia since 2009.

Marie-des-Neiges Gagnon

Marie-des-Neiges is a senior geologist for First Point Minerals, where she has worked since 2010. Marie received her Bachelor's degree from the University of Montreal in 2008, and her Master's degree in 2010. Marie completed detailed mapping and sampling on the Mich property in 2013. Marie has completed petrographic examination of rock samples and SEM probe analysis on samples from the Mich and other First Point Minerals' Ni-Fe alloy properties.

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Appendix 1: Key Target Area Geology and Geochemistry

547,500 mE
548,000 mE
548,500 mE
549,000 mE
549,500 mE
550,000 mE
550,500 mE
6,721,000 mN
6,720,500 mN
6,720,000 mN
6,719,500 mN
6,719,000 mN
6,718,500 mN
HOLE 2
HOLE 1
0
400.0
meters
Legend
Geology
Upper Limit of Talus
Overburden
Mafic dike
Mg-Fe carbonate alteration
Fault zone
Peridotite - mylonitized
Peridotite - pseudo breccia
Peridotite - crackle breccia
Peridotite - massive
Dunite - pseudo breccia
Dunite - massive
Awaruite Mineralization
Definite
Inferred
DTR Ni (%)
<0.06
0.06 - 0.08
0.08 - 0.1
>0.1
Structural Symbols
Serpentine, magnetite veins
Penetrative foliation
Bedding
Jointing
Cummulate layering
Foliation (subvertical)
Narrow shear zone
Contact
FIRST POINT
MINERALS CORP
FPX-TSX

Appendix 2: Rock Sample Locations and Descriptions

Sample_#	Area	Waypoint	Zone	Easting	Northing	Elevation	Date	Rock_Type	Sample_Si	Serp	mag_int	Mag_text	Awar_size	Awar_rang	Awar_%	Sulphide	Comment	Mag_Susc_avg
11IJAC273	Mich	0	0	548784.6	6719390	1306.24		Hz		3.5	0	diss, vlets	4	1 to 4	a		u-fx	71.4
11IJAC274	Mich	0	0	548593.6	6719395	1276.47		Hz		3.5	0	stwk	3	1 to 3	a		ckbx, psbx, massive	39.5
11KDH251	Mich	0	8	549019.2	6719197	1286.6	2.01E+16	Hz	HS	4	0	agg	3	1 to 3	c	py	incipient Fe-carb,asb vlets	26.3
11KDH252	Mich	0	8	548961.6	6719411	1304.14	2.01E+16	Hz	HS	4	0	diss,agg	2	1 to 2	a	comp,py		37.0
11KDH253	Mich	0	8	548805.8	6719429	1329.86	2.01E+16	Hz	HS	4	0	agg,vlets	3	1 to 3	a	hz,pyo	psbx	49.4
11KDH254	Mich	0	8	548802.7	6719638	1336.11	2.01E+16	Hz	HS	3	0	stwk,agg	6	1 to 6	a	pyo	comp,psbx	73.8
11KDH255	Mich	0	8	548640.8	6719754	1362.78	2.01E+16	Hz	HS	3	0	stwk,agg	6	1 to 6	a	hz	psbx,comp	80.2
11TAR739	Mich	739	0	549116	6719359	1269.78	2.01E+16	Hz		2.5	0	stwk	3	1 to 3	c to a		psbx	47.4
11TAR741	Mich	741	0	549356	6719397	1208.73	2.01E+16	Hz		4	0	agg	2	1 to 2	r		psbx	64.3
12IJAC098	MICH	12IJAC098	8	549463.9	6719281	1187.83	21-MAY-12	HZ		2	3.5	VLETS+DIS		2	1TO2	TR		62.1
12IJAC106	MICH	12IJAC106	8	548950.6	6719252	1288.28	22-MAY-12	Hz		3.5	2.5	DISS+AGG	3	1TO3	A		TR COMP AW GRAINS	7.5
12IJAC107	MICH	12IJAC107	8	548852.1	6719328	1297.9	22-MAY-12	PER		3.5	2.5	DISS+AGG	3	1TO3	A		TR COMP AW GRAINS	75.1
12IJAC108	MICH	12IJAC108	8	547976.9	6720393	1427.19	23-MAY-12	PER		3	3.5	VLETS	2	1TO2	R	YES		104.7
12IJAC133	MICH	12IJAC133	8	548596.4	6719247	1217.63	31-MAY-12	hz		4	3	AGG+V	3	2TO3	C-A			15.1
12IJAC134	MICH	12IJAC134	8	548719.4	6719264	1242.38	31-MAY-12	PER		3	3	V+VLETS	3	1TO3	A			8.1
12IJAC135	MICH	12IJAC135	8	548782	6719245	1247.19	31-MAY-12	PER		4	1.5	DISS	5	1TO5	R-C		VERY SILICIFIED	18.1
12IJAC136	MICH	12IJAC136	8	548857.7	6719233	1258.96	31-MAY-12	hz		3	3	DISS	3	1TO3	A			25.1
12IJAC137	MICH	12IJAC137	8	548910.9	6719246	1275.3	31-MAY-12	SERP		4	3	AGG	1	1	R			65.0
12JWS004	MICH	12JWS004	8	548899.4	6719289	1290.69	22-MAY-12	Hz		3.5	3.5	VLETS+AG(	3	1TO3	C			16.1
12JWS005	MICH	12JWS005	8	548845.8	6719389	1316.64	22-MAY-12	hz		4	3	VLETS+AG(	3	1TO3	A		COMP	12.3
12JWS007	MICH	12JWS007	8	548696.7	6719656	1346.01	2012-05-2(	PER		3	3.5	VLETS	3	1TO3	R			141.0
12JWS026	MICH	12JWS026	8	547982	6719851	1220.01	2012-05-3(	PER		2.5	2.5	AGG	3	1TO3	R			82.3
12JWS027	MICH	12JWS027	8	548001.9	6719896	1246.89	2012-05-3(	?		?	5.5	VLETS+DIS	1	1	R-C	YES	WHITE MINERALS ALIGNED	127.7
12JWS048fl	MICH	12JWS048	8	548729.1	6719060	1156.08	2012-06-0	PER		4	2.5	DISS+VLET	3	1TO3	A			10.6
12JWS049	MICH	12JWS049	8	548825.4	6719069	1190.85	2012-06-0	PER		2.5	2	AGG+VLET	1	1	C	PY		66.7
12KAB001	MICH	1	8	548722.9	6719565	1339.92	2012-05-2	hz		3.5	3	VLETS+AG(	4	1TO4	C-A			12.1
12KAB015	MICH	12KAB015	8	548450.2	6719307	1211.72	2012-05-3(	HZ		3.5	3	V+VLETS	5	1TO5	C			5.9
12KAB016	MICH	12KAB016	8	548522.6	6719313	1227.06	2012-05-3(	PER		3.5	3.5	VLETS	3	1TO3	C-A		AW MOSTLY IN VEINLETS	67.2
12KAB017	MICH	12KAB017	8	548146.5	6719414	1158.06	2012-05-3	PER		3.5	3	AGT+VLET	2	1TO2	TR		AROUND SERP VEINLETS AND AGT	44.3
12KAB018	MICH	12KAB018	8	548226.6	6719409	1175.63	2012-05-31T19:24:53Z				0		0					50.0
12KAB020	MICH	12KAB020	8	548438.2	6719405	1241.3	2012-05-3	hz		4	4	V+AGT	3	1TO3	C		FLUAGE TEXTURE	12.2
12KAB021	MICH	12KAB021	8	548487.2	6719402	1246.77	2012-05-3	hz		3.5	3.5	AGG	3	1TO3	A			22.3
12KAB022	MICH	12KAB022	8	548555.3	6719402	1259.84	2012-05-3	hz		4	3.5	V+VLETS	5	1TO5	C-A			13.5
12KAB023	MICH	12KAB023	8	548640	6719409	1290.22	2012-05-3	hz		3	3	AGG + VLE	3	1TO3	A			19.1
12KAB024	MICH	12KAB024	8	548709	6719423	1306.74	2012-05-3	HZ		3	3	AGG+VLET	5	2TO5	A		RUST COLOR ALTERATION RIM AROUND PX	13.4
12KAB025	MICH	12KAB025	8	548736.8	6719408	1308.35	2012-05-3	PER		3	3.5	VLETS	2	1TO2	R			86.8
12KAB026	MICH	12KAB026	8	548802.2	6719413	1321.79	2012-05-3	PER		3	3.5	DISS	5	1TO5	A		RUST COLOR ALTERATION RIM AROUND PX, BLACK SERP	24.2
12KAB043	MICH	12KAB043	8	548916	6719101	1237.87	2012-06-0	PER		3.5	3	AGG+VLET	1	1	R	A	FRIABLE, SHEARED	90.0
12KAB044	MICH	12KAB044	8	548971.6	6719109	1239.8	2012-06-0	ALT PER		2.5	3	AGG	3	1TO3	R			110.6
12KAB050	MICH	12KAB050	8	548931.3	6719422	1311.63	2012-06-0	hz		4	1	VLETS+AG(	3	1TO3	A			22.2
12KAB051	MICH	12KAB051	8	549006.8	6719331	1280.61	2012-06-0	HZ		4	3	DISS+VLET	3	1TO3	C			9.3
12KAB052	MICH	12KAB052	8	549019.4	6719318	1274.91	2012-06-0	hz		4	1.5	VLETS	4	1TO4	A			15.9
12KAB053	MICH	12KAB053	8	549045.1	6719261	1270.77	2012-06-0	hz		3	2	VLETS	3	1TO3	C	CPY	SHEARED	11.9
12KAB054	MICH	12KAB054	8	549053.1	6719203	1280.02	2012-06-0	PER		2.5	1	VLETS	0	0	0			27.5
12KAB066	MICH	12KAB066	8	548862.9	6719461	1320.26	2012-07-1	hz		3	3	AGG+STW	3	1TO3	A	0		21.8
12KAB067	MICH	12KAB067	8	548917.2	6719451	1308.44	2012-07-1	hz		3	3	AGG	3	1TO3	A	0	Rust colored rim around Px cristals	12.6
12KAB068	MICH	12KAB068	8	548969.1	6719468	1305.72	2012-07-1	hz		2.5	2	V+VLETS	3	1TO3	A	0	Fecb rim around relic Px	8.0

Sample_#	Area	Waypoint	Zone	Easting	Northing	Elevation	Date	Rock_Type	Sample_Si	Serp	mag_int	Mag_text	Awar_size	Awar_rang	Awar_%	Sulphide	Comment	Mag_Susc_avg
11IJAC273	Mich	0	0	548784.6	6719390	1306.24		Hz		3.5	0	diss, vlets	4	1 to 4	a		u-fx	71.4
11IJAC274	Mich	0	0	548593.6	6719395	1276.47		Hz		3.5	0	stwk	3	1 to 3	a		ckbx, psbx, massive	39.5
11KDH251	Mich	0	8	549019.2	6719197	1286.6	2.01E+16	Hz	HS	4	0	agg	3	1 to 3	c	py	incipient Fe-carb,asb vlets	26.3
11KDH252	Mich	0	8	548961.6	6719411	1304.14	2.01E+16	Hz	HS	4	0	diss,agg	2	1 to 2	a	comp,py		37.0
11KDH253	Mich	0	8	548805.8	6719429	1329.86	2.01E+16	Hz	HS	4	0	agg,vlets	3	1 to 3	a	hz,pyo	psbx	49.4
11KDH254	Mich	0	8	548802.7	6719638	1336.11	2.01E+16	Hz	HS	3	0	stwk,agg	6	1 to 6	a	pyo	comp,psbx	73.8
11KDH255	Mich	0	8	548640.8	6719754	1362.78	2.01E+16	Hz	HS	3	0	stwk,agg	6	1 to 6	a	hz	psbx,comp	80.2
11TAR739	Mich	739	0	549116	6719359	1269.78	2.01E+16	Hz		2.5	0	stwk	3	1 to 3	c to a		psbx	47.4
11TAR741	Mich	741	0	549356	6719397	1208.73	2.01E+16	Hz		4	0	agg	2	1 to 2	r		psbx	64.3
12IJAC098	MICH	12IJAC098	8	549463.9	6719281	1187.83	21-MAY-12	HZ		2	3.5	VLETS+DIS	2	1TO2	TR			62.1
12IJAC106	MICH	12IJAC106	8	548950.6	6719252	1288.28	22-MAY-12	Hz		3.5	2.5	DISS+AGG	3	1TO3	A		TR COMP AW GRAINS	7.5
12IJAC107	MICH	12IJAC107	8	548852.1	6719328	1297.9	22-MAY-12	PER		3.5	2.5	DISS+AGG	3	1TO3	A		TR COMP AW GRAINS	75.1
12IJAC108	MICH	12IJAC108	8	547976.9	6720393	1427.19	23-MAY-12	PER		3	3.5	VLETS	2	1TO2	R	YES		104.7
12IJAC133	MICH	12IJAC133	8	548596.4	6719247	1217.63	31-MAY-12	hz		4	3	AGG+V	3	2TO3	C-A			15.1
12IJAC134	MICH	12IJAC134	8	548719.4	6719264	1242.38	31-MAY-12	PER		3	3	V+VLETS	3	1TO3	A			8.1
12IJAC135	MICH	12IJAC135	8	548782	6719245	1247.19	31-MAY-12	PER		4	1.5	DISS	5	1TO5	R-C		VERY SILICIFIED	18.1
12IJAC136	MICH	12IJAC136	8	548857.7	6719233	1258.96	31-MAY-12	hz		3	3	DISS	3	1TO3	A			25.1
12IJAC137	MICH	12IJAC137	8	548910.9	6719246	1275.3	31-MAY-12	SERP		4	3	AGG	1	1	R			65.0
12JWS004	MICH	12JWS004	8	548899.4	6719289	1290.69	22-MAY-12	Hz		3.5	3.5	VLETS+AG	3	1TO3	C			16.1
12JWS005	MICH	12JWS005	8	548845.8	6719389	1316.64	22-MAY-12	hz		4	3	VLETS+AG	3	1TO3	A		COMP	12.3
12JWS007	MICH	12JWS007	8	548696.7	6719656	1346.01	2012-05-2	PER		3	3.5	VLETS	3	1TO3	R			141.0
12JWS026	MICH	12JWS026	8	547982	6719851	1220.01	2012-05-3	PER		2.5	2.5	AGG	3	1TO3	R			82.3
12JWS027	MICH	12JWS027	8	548001.9	6719896	1246.89	2012-05-3	?		?	5.5	VLETS+DIS	1	1	R-C	YES	WHITE MINERALS ALIGNED	127.7
12JWS048fl	MICH	12JWS048	8	548729.1	6719060	1156.08	2012-06-0	PER		4	2.5	DISS+VLET	3	1TO3	A			10.6
12JWS049	MICH	12JWS049	8	548825.4	6719069	1190.85	2012-06-0	PER		2.5	2	AGG+VLET	1	1	C	PY		66.7
12KAB001	MICH	1	8	548722.9	6719565	1339.92	2012-05-2	hz		3.5	3	VLETS+AG	4	1TO4	C-A			12.1
12KAB015	MICH	12KAB015	8	548450.2	6719307	1211.72	2012-05-3	HZ		3.5	3	V+VLETS	5	1TO5	C			5.9
12KAB016	MICH	12KAB016	8	548522.6	6719313	1227.06	2012-05-3	PER		3.5	3.5	VLETS	3	1TO3	C-A		AW MOSTLY IN VEINLETS	67.2
12KAB017	MICH	12KAB017	8	548146.5	6719414	1158.06	2012-05-3	PER		3.5	3	AGT+VLET	2	1TO2	TR		AROUND SERP VEINLETS AND AGT	44.3
12KAB018	MICH	12KAB018	8	548226.6	6719409	1175.63	2012-05-31T19:24:53Z				0		0					50.0
12KAB020	MICH	12KAB020	8	548438.2	6719405	1241.3	2012-05-3	hz		4	4	V+AGT	3	1TO3	C		FLUAGE TEXTURE	12.2
12KAB021	MICH	12KAB021	8	548487.2	6719402	1246.77	2012-05-3	hz		3.5	3.5	AGG	3	1TO3	A			22.3
12KAB022	MICH	12KAB022	8	548555.3	6719402	1259.84	2012-05-3	hz		4	3.5	V+VLETS	5	1TO5	C-A			13.5
12KAB023	MICH	12KAB023	8	548640	6719409	1290.22	2012-05-3	hz		3	3	AGG + VLE	3	1TO3	A			19.1
12KAB024	MICH	12KAB024	8	548709	6719423	1306.74	2012-05-3	HZ		3	3	AGG+VLET	5	2TO5	A		RUST COLOR ALTERATION RIM AROUND PX	13.4
12KAB025	MICH	12KAB025	8	548736.8	6719408	1308.35	2012-05-3	PER		3	3.5	VLETS	2	1TO2	R			86.8
12KAB026	MICH	12KAB026	8	548802.2	6719413	1321.79	2012-05-3	PER		3	3.5	DISS	5	1TO5	A		RUST COLOR ALTERATION RIM AROUND PX, BLACK SERP	24.2
12KAB043	MICH	12KAB043	8	548916	6719101	1237.87	2012-06-0	PER		3.5	3	AGG+VLET	1	1	R	A	FRIABLE, SHEARED	90.0
12KAB044	MICH	12KAB044	8	548971.6	6719109	1239.8	2012-06-0	ALT PER		2.5	3	AGG	3	1TO3	R			110.6
12KAB050	MICH	12KAB050	8	548931.3	6719422	1311.63	2012-06-0	hz		4	1	VLETS+AG	3	1TO3	A			22.2
12KAB051	MICH	12KAB051	8	549006.8	6719331	1280.61	2012-06-0	HZ		4	3	DISS+VLET	3	1TO3	C			9.3
12KAB052	MICH	12KAB052	8	549019.4	6719318	1274.91	2012-06-0	hz		4	1.5	VLETS	4	1TO4	A			15.9
12KAB053	MICH	12KAB053	8	549045.1	6719261	1270.77	2012-06-0	hz		3	2	VLETS	3	1TO3	C	CPY	SHEARED	11.9
12KAB054	MICH	12KAB054	8	549053.1	6719203	1280.02	2012-06-0	PER		2.5	1	VLETS	0	0	0			27.5
12KAB066	MICH	12KAB066	8	548862.9	6719461	1320.26	2012-07-1	hz		3	3	AGG+STW	3	1TO3	A	0		21.8
12KAB067	MICH	12KAB067	8	548917.2	6719451	1308.44	2012-07-1	hz		3	3	AGG	3	1TO3	A	0	Rust colored rim around Px cristals	12.6
12KAB068	MICH	12KAB068	8	548969.1	6719468	1305.72	2012-07-1	hz		2.5	2	V+VLETS	3	1TO3	A	0	Fecb rim around relic Px	8.0

Appendix 3: Channel Sample Locations and Descriptions

Sample #	Area	Channel	Easting	Northing	Sample Size	HS	Photo	Rock Type	Serp	Mag	Mag text	Mag Susc	Awar_size	Awar_range	Awar_amt	Sulphide	diopside	Comment
14LAK032	2	3	548798	6719667	Channel	y		dun psbx	2	1 to 2	d		5	2 to 5	c	comp w		ckbx, psbx, dark fragments
14LAK033	2	3	548798	6719662	Channel	y		dun psbx	2	1 to 2	d, mfr		4	2 to 4	c-a	comp w		healed sh fabric, psbx
14LAK034	2	3	548798	6719657	Channel	y		dun psbx	2	1 to 2	d		5	2 to 5	c			ckbx, psbx, healed sh fabric
14LAK035	2	3	548797	6719653	Channel	y		dun psbx	2	1	d		5	2 to 5	c	comp w		psbx
14LAK036	2	1	548762	6719661	Channel	y		dun psbx	2	1 to 2	d,clot, mfr		4	1 to 4	w			ckbx, late chrys vlets
14LAK037	2	1	548761	6719656	Channel	y		dun psbx	1	1 to 2	d		3	1 to 3	c			ckbx, late chrys vlets
14LAK038	2	4	548758	6719634	Channel	y		sh per	2 to3	1	d,clot		3	1 to 3	tr			late sh
14LAK039	3	1	548762	6719534	Channel	y		mg per	2	2 to 3	mfr,clots		4	2 to 4	c		c	diopside, crude aligned texture
14LAK040	1	2	548626	6719717	Channel	y		mg per psbx	2	2	d,mfr		2	1 to 2	w		c	diopside, feox, psbx, weat
14LAK041	1	1	548610	6719719	Channel	y		mg per psbx	2	2	d,mfr		2	1 to 2	w		c	diopside, feox, psbx, weat, banded
14LAK042	1	3	548614	6719705	Channel	y		mg per psbx	2	2 to 3	mfr,d,clots		2	1 to 2	w-c		c	diopside, fresh, banded
14LAK043	1	3	548612	6719699	Channel	y		fg per	2	2 to 3	mfr,d		2	1 to 2	w			
14LAK044	4	1	548839	6719434	Channel	y		mg per	2	2	d		4	2 to 4	a	comp r		ckbx, weat
14LAK045	4	2	548836	6719422	Channel	y		mg per psbx	2 to 3	2 to 3	mfr,d		3	1 to 3	w-c			psbx, weat w
14LAK046	4	5	548854	6719388	Channel	y		mg per	2	2	d,mfr		4	1 to 4	c-a	comp r	c?	ckbx, weat w
14LAK047	5	3	548899	6719289	Channel	y		mg per psbx	2 to 3	2 to 3	clots,d		3	1 to 3	a		c	crude banding
14LAK048	5	2	548863	6719296	Channel	y		msv dun, per	2	1 to 2	mfr,d		4	1 to 4	w-c			per, dun, weat m
14LAK049	5	1	548853	6719293	Channel	y		psbx	2 to 3	2	mfr,d		4	1 to 4	c-a			no obvious mg per, banded, weat w
14LAK050	2	4	548805	6719649	Channel	y	ok	dun psbx	1 to2	2 to 3	mfr,clots,d		3	1 to 3	c	comp r		sub ll mag mfr
14LAK051	2	4	548802	6719645	Channel	y	ok	dun psbx	2	2	mfr,d		4	1 to 4	c			ckbx, psbx same as 32-37
14LAK052	2	4	548802	6719643	Channel	y	ok	dun psbx	2	2	mfr,d		5	1 to 5	c			ckbx, psbx same as 32-38
14LAK053	2	4	548800	6719640	Channel	y	ok	dun psbx	2	2	mfr,clots		5	2 to 5	c	comp w		ckbx, psbx same as 32-39
14LAK054	4	4	548777	6719397	Channel	y		mg per	2	1	mfr,d		3	1 to 3	c		c	wh specks diopside, weat w, chrys vlets
14LAK055	4	4	548776	6719391	Channel	y		mg per psbx	2 to 3	2	clots,mfr		4	1 to 4	c-a			variable, ckbx-psbx
14LAK056	4	3	548789	6719420	Channel	y	ok	mg per	2	2	mfr,d		4	1 to 4	c-a			ckbx, weat m
14LAK057	3	1	548748	6719492	Channel	y	ok	mg per	2	1	clots,d		4	1 to 4	c-a			ckbx, fresh
14LAK058	6	4	549019	6719201	Channel	y	ok	psbx	2	1 to 2	clots,d		2	1 to 2	w			psbx, weat w, sim 40
14LAK059	6	4	549017	6719196	Channel	y	ok	mg per psbx	1 to 2	1 to 2	clots,d,mfr		4	1 to 4	c-a		c	psbx-ckbx, chrys vlet
14LAK060	6	1	549031	6719211	Channel	y	ok	mg per, dun b	1 to 2	1 to 2	clots,d		3	1 to 3	c			psbx-ckbx, weat w, knobby texture
14LAK061	6	3	549031	6719199	Channel	y	ok	mg per psbx	2 to 3	1 to 2	d		3	1 to 3	c		c	30% px,
14LAK062	6	2	549054	6719203	Channel	y	ok	dun psbx	2 to 3	1 to 2	mfr,d		3	1 to 3	c			psbx, banded or aligned fabric

Appendix 4: Quality Assurance and Quality Control

Quality Assurance and Quality Control

Quality assurance and quality control including blind standard samples, containing awaruite, have been inserted in the various sample batches that were sent to Acme and Actlabs laboratories throughout 2012 to 2014. In early 2013, 25 of the samples submitted in 2011 and 2012 were re-analyzed for determination of magnetically recoverable nickel (DTR Ni) analysis at Actlabs in Kamloops, BC and Ancaster, ON. For analysis completed in 2013 the company inserted one pulp replicate, one field duplicate and a blank for every 20 samples submitted. The same protocol was followed for the samples submitted in 2014.

The results from the standard and duplicate samples submitted in 2014 are shown in **Error! Reference source not found.**. All of the standards and duplicates are within reasonable limits.

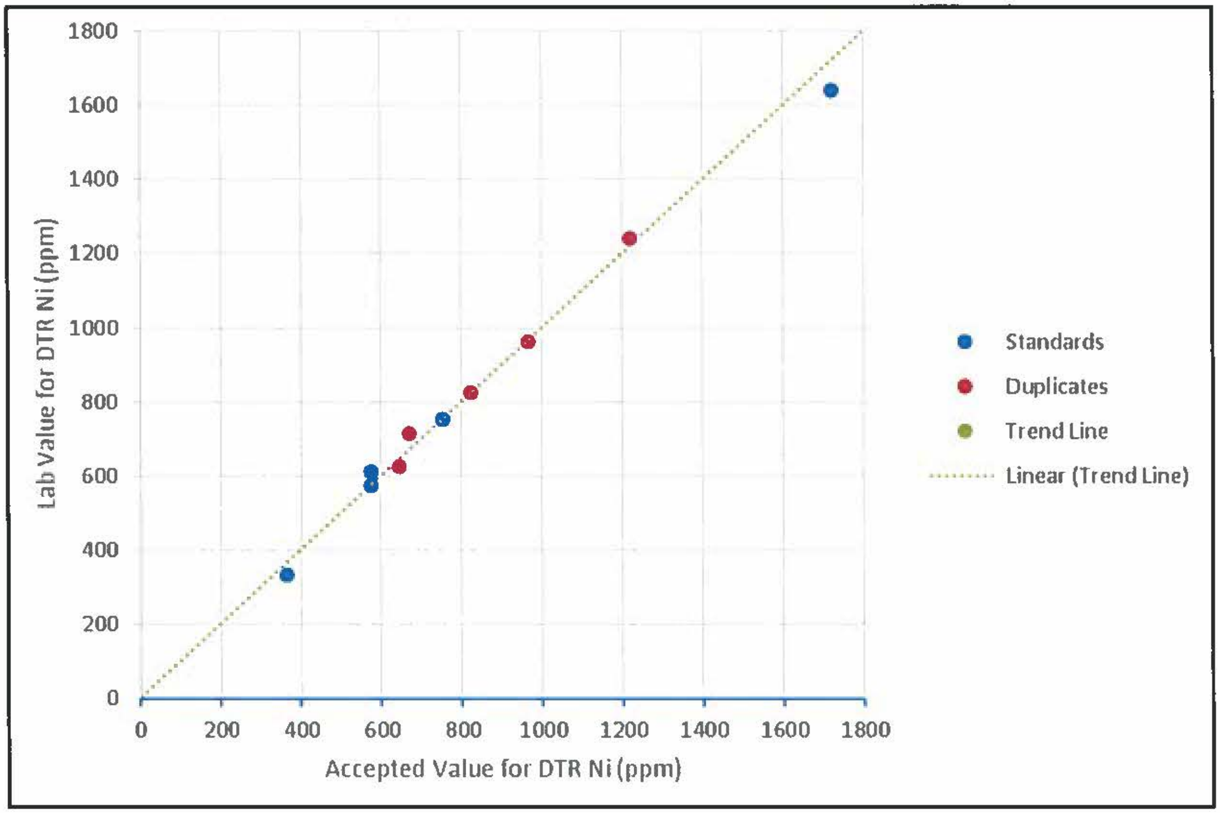


Fig. 2: Accepted DTR Ni values versus lab reported DTR Ni values for standards and duplicates.

Rock Sample Results

Fifty two samples previously analyzed using selective extraction method for Ni-in-alloy were later submitted for Davis Tube recoverable nickel analysis to compare the two analytical methods (Fig. 17).

Comparison of DTR Ni verses selective extraction methods (8FPX)

Fifty two samples previously analyzed using selective extraction (8FPX) method for Ni-in-alloy were later submitted for DTR Ni analysis to compare the results of the two analytical methods (Fig. 17).

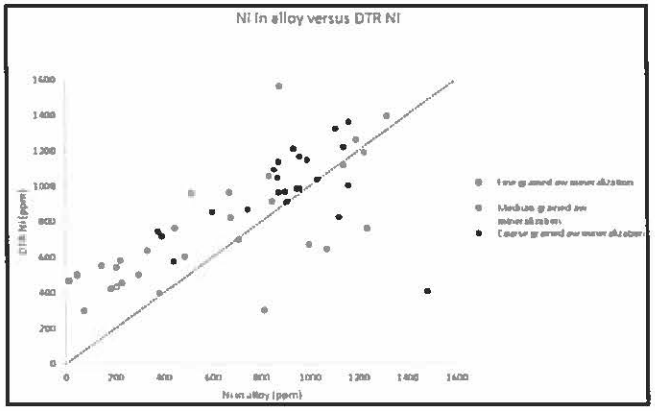


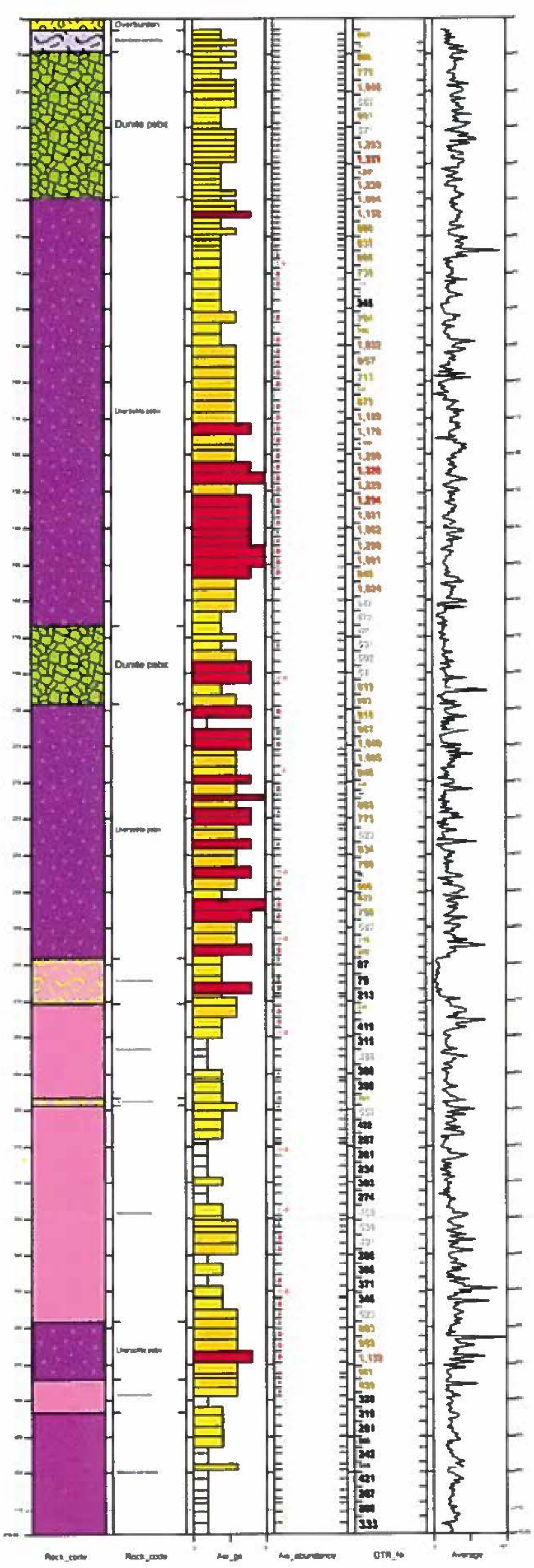
Fig. 3: Ni-in-alloy versus DTR Ni

Rock samples from within the main zone of mineralization that includes the Key target area (Fig. 18) returned ~20% higher DTR Ni values than Ni-in-alloy except for 9 samples which report below the 1:1 line (**Error! Reference source not found.**).

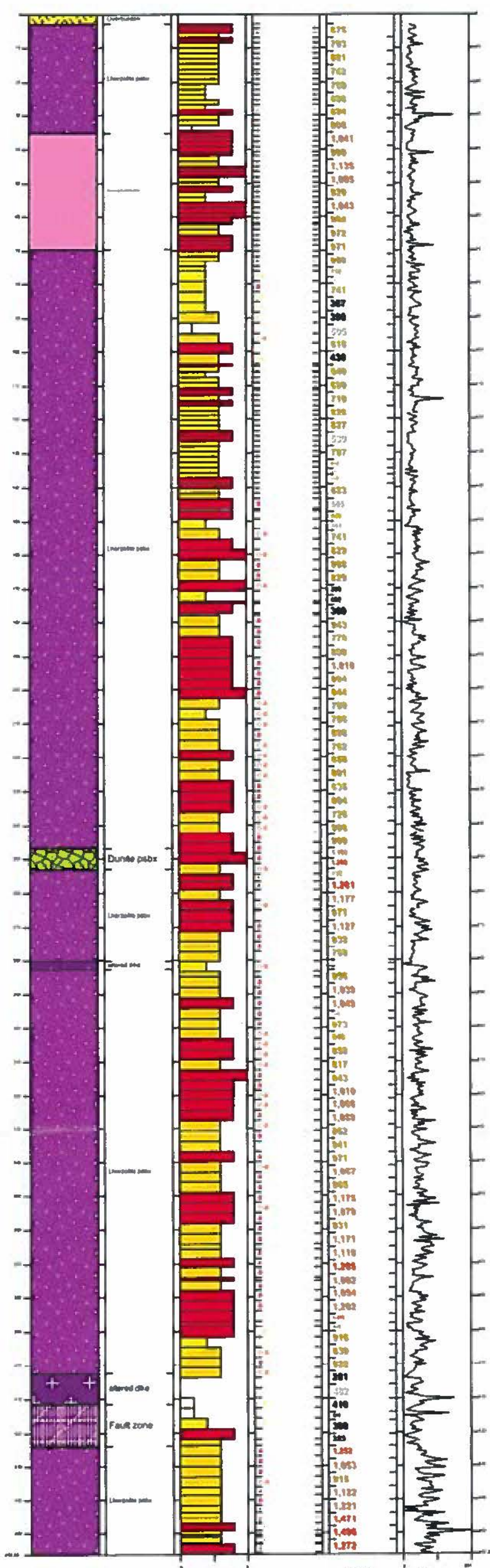
In general the results indicate that awaruite was not totally digested by the selective extraction analytical method possibly caused by a weathering passive film around some of the grains and whereas this film would not have affected the magnetically recovered DTR Ni. Consequently, the latter method is a more robust analytical method and channel and drill hole samples will be measured by the DTR Ni analysis method.

Appendix 5: Drill Hole Logs

Log for 14MDH01



Log for 14MDH02



Hole_ID	From	To	Rock_code	Description
14MDH02	0	2.74	Overburden	washed core fragments, rounded pebbles and cobbles
14MDH02	2.74	14.12	Lherzolite psbx	Green brown blk weathered, dark green-grey blk fresh, dominantly coarse grained, with fresher boudinaged units approaching ckbx that is possibly derrived from a semi massive lhz protolith. Remnant dunite or fine grained peridoitte (?) intraclasts exist in some portions,euhedral with reaction rims (orange to green)
14MDH02	14.12	15.17	Falt zone	psbx Lhz, dk med green, lighter green in faulted area, strongly sheared with castaclastic texture, healed overconsolidated gouge ith moderate to strong carbonate alteration
14MDH02	15.17	22	Lherzolite psbx	Similar to previous
14MDH02	22	24.35	Cataclastic texture peridotite	dk-med green-yellow, late stage overprinting cataclastic texture., dominantly fine grained with metamorphic px throughout
14MDH02	24.35	29.08	Lherzolite psbx	Similar to previous
14MDH02	29.08	29.52	Lherzolite boudin	coarse grained blue-grey-green coarse grained adcumulate texture (px rich, 70%)
14MDH02	29.52	35.27	Lherzolite psbx	variable textures, medium to coarse grained
14MDH02	35.27	37.64	Lherzolite boudin	med-blue-grey, dk green blk adcumlate texture lhz, coarse grained px rich (70%), foliated 35 deg TCA
14MDH02	37.64	41.64	Lherzolite psbx	dk green-grey blk brown,anhedral intraclasts of fg and mg peridotite
14MDH02	41.64	41.8	Lherzolite boudin	more coherent px rich (adcummulate texture) upto 70% px
14MDH02	41.8	44.6	Lherzolite psbx	dk green-grey blk brown,anhedral intraclasts of fg and mg peridotite, <15cm, metamorphic mg px hows crude alignment throughout
14MDH02	44.6	47.8	Lherzolite boudin	discontinous through interval, portions of boudin interupted by psbx texture lhz.
14MDH02	47.8	51.21	Lherzolite psbx	simmilar to previos
14MDH02	51.21	52.9	Lherzolite boudin	glomerophyric cg px,to adcummulate texture, rich px up to 70%
14MDH02	52.9	55.85	Lherzolite psbx	see 41.8 - 44.6
14MDH02	55.85	58.9	Lherzolite boudin	coarse grained blue-grey-green coarse grained adcumulate texture (px rich, 70%),more coherent thanprevios boudins, approaching semi massive locally with str mt-serp stwk texture.
14MDH02	58.9	59.92	Lherzolite psbx	see 41.8 - 44.6, weak cataclastic overprint, chloritized margin at LCT
14MDH02	59.92	61	Lherzolite boudin	coarse grained blue-grey-green coarse grained adcumulate texture (px rich, 70%),more coherent than previos boudins, approaching semi massive locally with str mt-serp stwk texture increasing in intensity towards UCT and LCT.
14MDH02	61	61.87	semi massive lherzolite	mod-str mt-serp stwk throghot. 80% c.g. px, with bastite after px.
14MDH02	61.87	64.12	Lherzolite psbx	beige-green brown c.g. px lhz psbx, bodinaged lhz is local however, very strongly disrupted compared to upper lhz boudins
14MDH02	64.12	64.4	dunite psbx	dk green dk grey - brown-yellow, anhedral dunite fragments <1cm throughout, form intraclasts in serp matrix. Dun fragments are mantled by yellow-brown (1-2mm) reaction rims.
14MDH02	64.4	69.6	Lherzolite boudin	med-blue-grey, dk green blk adcumlate texture lhz, coarse grained px rich (70%), less disrupted than boudinaged lhz uphole, coherent to semi massive in portions, str-int mt serp stwk throughot
14MDH02	69.6	70.15	Lherzolite psbx	
14MDH02	70.15	70.4	Lherzolite boudin	overprinting weak cataclastic texture
14MDH02	70.4	71.62	Lherzolite psbx	overprinting weak cataclastic texture
14MDH02	71.62	72.1	Lherzolite boudin	
14MDH02	72.1	73.6	Lherzolite psbx	overprinting weak cataclastic texture
14MDH02	73.6	73.87	Lherzolite boudin	overprinting weak cataclastic texture
14MDH02	73.87	76.88	Lherzolite psbx	overprinting moderate to strong cataclastix texture
14MDH02	76.88	77.8	Falt zone	Cataclastic texture peridotite, predominently fine grained, with mod fe-cb overprint, texturlly destructive, but no pervasive orange-red bleaching. Gouge zones throughout, 3 zones, <10cm
14MDH02	77.8	79.95	Lherzolite psbx	dk green-blk brown, weak moderate fe-cb overprint, selective replacement and reaction rims, decreasing in 9intensity downhole with less orange-brown appearance
14MDH02	79.95	99	Lherzolite psbx	dk med green-grey brown, medium to coarse grained px bearing ultramafic, with anhedral to sub rounded intraclasts of fg peridotite, and dunite (?) with lesser m.g. harzburgite . Px content is variable from 8 to 20% throughout, unit seems to be very continuous and consistent throughout, locally variable texture, but no inclusions of fresher appearing lhz as bodins that were found in the upper portion of the hole
14MDH02	99	99.33	Cataclastic texture peridotite	cataclastic texture peridotite, predominently fine grained, disrupted cataclastic breccia / faultbreccia appearance
14MDH02	99.33	106.1	Lherzolite psbx	see desc. From 77.8 to 99
14MDH02	106.1	106.7	Cataclastic texture peridotite	weak to moderate ctcl. Bx overprint. Intact lhz psbx clasts.
14MDH02	106.7	127.3	Lherzolite psbx	see desc. From 77.8 to 99
14MDH02	127.3	127.5	fault zone	overconsolidated healed gouge. 7cm, foliated above and below gouge interval
14MDH02	127.5	133.62	Lherzolite psbx	see desc. From 77.8 to 99
14MDH02	133.62	136.22	Cataclastic texture peridotite	Late stage overprinting cataclastic texture, dominantly fine grained, some inclsions of lhz psbx, <20 cm
14MDH02	136.22	143.26	Lherzolite psbx	see desc. From 77.8 to 99.
14MDH02	143.26	143.85	fault zone	Fault breccia, moderately bleached
14MDH02	143.85	150	Lherzolite psbx	Variable cataclastic overprint
14MDH02	150	151.4	Cataclastic texture peridotite	dk green-brown blk, strong to intensely foliated, fault breccia with fe- (mg) cb cement at LCT. Dominantly fg throughout with coarse grained glomerophyric olivine throughot (up to full core width, NTW)
14MDH02	151.4	151.6	fault zone	ankerite cemented fault breccia, milled clasts, p to 2cm.
14MDH02	151.6	153.65	Cataclastic texture peridotite	
14MDH02	153.65	158.5	Lherzolite psbx	dk green-grey brown blk, similar to 77.8 to 99, becoming more px rich up to 70%, degree of deformation is decreasing as well
14MDH02	158.5	158.75	Cataclastic texture peridotite	Mortar texture, overconsolidated gouge matrix, cb veining, and matrix
14MDH02	158.75	169	Lherzolite psbx	dk green, grey-blue, blk, coarse grained Lhz, more granoblastic (xenomorphic) appearance, less disrupted than previous psbx with less veining and overprinting stwk textures, approaching semi massive appearance with coarse grained px, >70% locally up to 80%, dunite intraclasts seem to be absent and replaced by semi massive euhedral Hz / Lhz.
14MDH02	169	178.85	fine grained ultramafic	dk green-blk brown fine grained ultramafic, coarse grained olivine common to abundant throughot, locally forms large glomerophyic megacrysts, partially serpentinized with mt after olivine, with skeletal texture. Penetrative deformation throughout, well developed foliation and olivine elongation. Gradational UCT over 75cm. Sharp lower contact, with few fine grained intervals interfingering into next interval
14MDH02	178.85	179.92	Lherzolite psbx	med dk green-blk yellow, disseminated metamorphic px, crude cataclastic overprint
14MDH02	179.92	199	Lherzolite psbx	med dk green-blk yellow, disseminated metamorphic px, granoblastic texture, less disrupted than previous intervals.similar to 158.75 to 169.
14MDH02	199	200.2	Cataclastic texture peridotite	med dk green-blk fine grained peridoitte with cataclastic overprint, LCT 15cm gouge zone
14MDH02	200.2	205.74	Lherzolite psbx	med dk green-blk yellow, disseminated metamorphic px and primary (?) px. Crude foliation is evident 80 degrees TCA, more stkwk mt-serp veining, few px poor zones, 5-10% px. Anhedral dunite-like fragments (psbx intraclasts) throughout.
14MDH02	205.74	208.79	Cataclastic texture peridotite	Broken core + mod. Consolidated gouge, predominently Lhz psbx throughot
14MDH02	208.79	224.8	Lherzolite psbx	see 200.2 to 205.74
14MDH02	224.8	225.6	Cataclastic texture peridotite	overprinting lhz psbx, consolidated fault breccia and gouge, with intact core
14MDH02	225.6	226.37	Lherzolite psbx	see 200.2 to 205.74
14MDH02	226.37	227.3	Cataclastic texture peridotite	gouge + broken core, overconsolidated gouge and bro0kien angular core, lhz psbx and fine grained peridotite
14MDH02	227.3	229.87	Lherzolite psbx	moderately broken, few gouge intervals <25cm,
14MDH02	229.87	238.33	Lherzolite psbx	see 200.2 to 205.74
14MDH02	238.33	239.14	Cataclastic texture peridotite	moderately broken, weakly altered fault breccia.
14MDH02	239.14	247	Lherzolite psbx	see 200.2 to 205.74
14MDH02	247	253	dunite psbx	med-green grey, psbx textre, abscent netamorphic px, overall dunite - like fragments are coarse grained, anhedral to rounded, <5cm, unit terminates in gouge, broken core
14MDH02	253	255.9	Cataclastic texture peridotite	broken core,soft gouge, appears to be slightly bleached lhz psbx with dunite-like anhedral intraclasts. Intact core has met. Px throughout.
14MDH02	255.9	268.28	Lherzolite psbx	med dk green-blk yellow, to brown, gradational upper contact with dunite psbx, medium to coarse grained euhedral px throughout, locally up to 30%, penetrative foliation throughout, 15 to 20 deg TCA. Dunite like intraclasts appear to be restricted to top of interval, and grade into px-bearing peridotite, with semi-massive appearance.
14MDH02	268.28	271.58	Lherzolite psbx	med-dk green grey, dunite - likeintraclasts are abscent, appear to be dominated by semi massive portions overprinted by psbx texture, with intense mt-serp stwk veining.

Hole_ID	From	To	Rock_code	Description
14MDH02	271.58	280.27	Lherzolite psbx	med dk green-blk yellow, disseminated metamorphic px and primary (?) px. Anhedral dunite-like fragments (psbx intraclasts) throughout.
14MDH02	280.27	281	Reaction zone	med brown red, hornfelsic foliated texture,hem after mt, variable veining throughout
14MDH02	281	281.1	altered dike	brown-grey-red chilled margins, appears to be early stage, cross cut by serpentine vein,serpentine selvages and chilled margins are evident. Seems to have red-grey orange hue, garnet rich with disseminated chromite?
14MDH02	281.1	281.36	Reaction zone	hornfelsic texture serpentinied ultramafics, LCT is 10cm clay gouge zone, 38 deg TCA
14MDH02	281.36	281.94	altered dike	roddingite dike, orange brown red appearance, very fine grained, garnet-albite (?)-chlorite
14MDH02	281.94	282.75	Reaction zone	hornfelsic texture serpentinied ultramafics, gradational LCT
14MDH02	282.75	297.8	Lherzolite psbx	dk green-blk, mg to cg px throughout locally up to 30% (px rich), very few fine grained intervals, <0.3m, dunite like intraclast fragments throughout, <1cm, fine grained dissem. Met px throghout becoming rare towards LCT, wellfoliated 30 deg TCA.
14MDH02	297.8	301.2	fine grained ultramafic	dk green blk, px poor 5 to 10%, except near lower contact, variably broken throughout, cb veining strong throughout, LCT is at 15 deg TCA, metamorphic px rare throughout
14MDH02	301.2	305.3	Lherzolite psbx	dk green-blk, mg to cg px throughout locally up to 30% (px rich), very few fine grained intervals, <0.3m, dunite like intraclast fragments throughout, <1cm, fine grained dissem. Met px throghout, well foliated 30 deg TCA. Metamorphic px trace throughout
14MDH02	305.3	307.4	mylonitized peridotite	fine grained, dk green blk brown, foliation at 70 deg TCA, trapezoidal boudins 3/4 core width of altered dike / rodingite
14MDH02	307.4	314.5	Lherzolite psbx	dk green-blk grey - orange medim to coarse grained px (up to 30% locally, <15%throughout) rare to trace met. Px, dunite like psbx intraclast fragments throughout, <5cm, anhedral
14MDH02	314.5	315.3	Cataclastic texture peridotite	fault breccia, medium, green
14MDH02	315.3	373.8	Lherzolite psbx	dk green-blk grey - orange medim to coarse grained px (up to 30% locally, <15%throughout) rare to trace met. Px, dunite like psbx intraclast fragments throughout, <5cm, anhedral
14MDH02	373.8	376.1	Cataclastic texture peridotite	dk green black, dominantly fine grained, becomes lhz psbx towards end of interval
14MDH02	376.1	387.55	Lherzolite psbx	dk green-blk grey - orange medim to coarse grained px (up to 30% locally, <15%throughout) rare to trace met. Px, dunite like psbx intraclast fragments throughout, <5cm, anhedral
14MDH02	387.55	390	fault zone	soft gouge, and broken core throughout. Weakly healed and very broken throughout
14MDH02	390	402.5	Lherzolite psbx	dk green-blk grey - orange medim to coarse grained px (up to 30% locally, <15%throughout) rare to trace met. Px, dunite like psbx intraclast fragments throughout, <5cm, anhedral
14MDH02	402.5	403.9	fault zone	variablybroken, overprinting cataclastic texture, cavernous carbonate cemented breccia and veining throughout
14MDH02	403.9	404.2	altered dike	dk grey-brown green,fine grained roddingite dike, garnet, green-brown amphibole (chlorite after amphibole), abndant wall rock inclusions near LCT, dark green fine grained pyroxene, abundant garnet
14MDH02	404.2	408.18	Reaction zone	med lt green, grey-green, bleached hornfelsed appearance with recrystalized appearance.
14MDH02	408.18	408.7	altered dike	dk grey-brown green,fine grained roddingite dike, garnet, green-brown amphibole (chlorite after amphibole), abndant wall rock inclusions near LCT, dark green fine grained pyroxene, abundant garnet
14MDH02	408.78	411.52	Reaction zone	med lt green, grey-green, bleached hornfelsed appearance with recrystalized appearance.
14MDH02	411.52	415.45	fault zone	variablybroken, overprinting cataclastic texture, cavernous carbonate cemented breccia and veining throughout
14MDH02	415.45	419.74	Cataclastic texture peridotite	cataclastic texture (mortar texture, healed) fault breccia overprinting lhz psbx
14MDH02	419.74	421.33	fault zone	strong to intensely foliated, moderately altered ultramafics(Mg-Fe cb), cb vein at 440m, 15 deg TCA
14MDH02	421.33	424.13	Cataclastic texture peridotite	cataclastic texture (mortar texture, healed) fault breccia overprinting lhz psbx
14MDH02	424.13	442	Lherzolite psbx	dk green-blk grey medim to coarse grained px (up to 30% locally, <10%throughout) rare to trace met. Px, dunite like psbx intraclast fragments throughout, <5cm, anhedral
14MDH02	442	443.73	fault zone	strongly broken core, LHZ psbx
14MDH02	443.73	447.7	Lherzolite psbx	
14MDH02	447.7	450.49	fault zone	strongly broken core, soft gouge, LHZ psbx
14MDH02	450.49	452.3	Lherzolite psbx	
14MDH02	452.3	453.8	fault zone	strongly broken core, soft gouge, LHZ psbx
14MDH02	453.8	456.29	Lherzolite psbx	

Hole_ID	From	To	Rock_code	Description
14MDH01	0	3.05	Overburden	Mix of strongly broken collvium and till veneer
14MDH01	3.05	9.14	Mylonitized peridotite	orange - brown med green, black wx. dk grey brown blk fresh, protomylonite to mylonite textures throghout, megacrystic to glomerophyric olivine (with iddingsite after olivine) strongly serpentinized with some relict olivine (+iddingsite). Mod magnetic, foliation common throughout at 50 deg TCA, gradational LCT (over 1m) into psbx txt (knobby txt on surface) peridotite
14MDH01	9.14	18.38	Dunite psbx	Med green, to dark yellow green, variably bleached appearance throughot. Matrix consists of 30 to 40% serpentine matrix, with subrounded dunite fragments (typically <5cm). Crude foliation at 18 deg TCA. Blkgreen serpentine veining common throughot
14MDH01	18.38	39.26	Dunite psbx	Similar to previous, becoming darker green with depth.
14MDH01	39.26	49.16	Dunite psbx	slightly bleached appearance possibly incipient to weak fe-cb alteration, mantles most of the dunite breccia fragments. Middle portion of interval shows the lightest colors - med grey yellow, with Transitional lower contact into med grey-black red with minor yellow hues
14MDH01	49.16	68.3	Lherzolite psbx	black-green, med grey-red medium grained serpentienized lherzolite. Anhedral px, rare throughout, only locally common and coarser grained. Px mainly medim grained throughout. Crude cummulate layering 15 to 20 degrees TCA, med-grey green psbx fragments common throughout (probably dunite?), typically <2cm. Metamorphic px (?) shows crude alighnment.
14MDH01	68.3	69	Cataclastic texture peridotite	blk green, yellow with yellow-green-white veining and matrix cataclastic conglomerate (mortar texture).
14MDH01	69	70.5	Lherzolite psbx	
14MDH01	70.5	76.73	Cataclastic texture peridotite	Discrete shear zones with cataclastic texture common, disrupt Lhz psbx
14MDH01	76.73	81	Fault zone	healed cataclastic texture fault breccia and overconsolidated gouge intact core, cataclastic textures surronding fault zone, some competent intact core
14MDH01	81	86.5	Cataclastic texture peridotite	Lhz psbx, overprinted by late cataclastic textures, isolated shear zones (<5cm) contine into next interval
14MDH01	86.5	97.2	Lherzolite psbx	Slightly coarser grained px, and more abundant px than top of hole. Isolated shear zones (fault bx / cataclastic txt) near top of interval
14MDH01	97.2	103.65	Cataclastic texture peridotite	Lhz psbx with cataclastic overprint, strong cb veining throughout. and healed cataclastic conglomerate texture, locally 2-5cm fault breccia texture with carbonate matrix.
14MDH01	103.65	134.55	Lherzolite psbx	dk med green grey blk and dk med green-grey blk brown, Coarse grained px bearing serpentinized (60-80%) Lhz. psbx texture fromed throughout, discontinuous zones of brown mantling on dunite (?) intraclasts.
14MDH01	134.55	138.2	Cataclastic texture peridotite	Lhz psbx forms cataclastic conglomerate. cb veining common throughout with some caverous areas (partially dissolved cb veining)
14MDH01	138.2	159.1	Lherzolite psbx	med green black - red, and med-green-black yellow psbx texture Lhz, px are anhedral, mainly coarse grained. 5 to 20%. Ctcl overprnting textures common towards end of interval, cb-talc (dolomite?) veins become more pervasive.
14MDH01	159.1	160.64	Mylonitized peridotite	similar to top of hole. orange-brown, med green-blk, psbx to protomylonite texures, that grade into cataclastic fault breccia / cataclastic conglomerate txt towards end of interval. Dominantly fine grained, especially near UCT, relict olivine appears to have glomerophyric to megacrystic texture
14MDH01	160.64	166.9	Cataclastic texture peridotite	brown-orange black cataclastic texture overprinting mylonitized / promylonite texture peridotite. Pervasive carbon / dolomite / Talc veins, dissolution cavities present throught. Some well formed veins, dark orange-brown (dolomite / talc?) Sharp Lower contact into psbx textre dunite
14MDH01	166.9	168.95	Dunite psbx	orange - brown med green, anhedral dunite fragments throughout, manifested at surface probably as knobby texture per.
14MDH01	168.95	171	Mylonitized peridotite	orange-brown, med green-red foliated to protomulonite texture developed. Possibly foliated eqivalent of previous. sharp LCT
14MDH01	171	173.95	Dunite psbx	siliar to 166.9 to 168.95, les bleached, no apparent orange brown discolouration / bleaching, mainly dark grey brown black
14MDH01	173.95	174.85	Mylonitized peridotite	similar to 168.95 to 171
14MDH01	174.85	178.45	Cataclastic texture peridotite	dunite psbx overprinted by cataclastic texture, intense talc-dolomite veining near center of interval, decreases towards margins
14MDH01	178.45	182.4	Dunite psbx	orange - brown med green, anhedral dunite fragments throughout, manifested at surface probably as knobby texture per.
14MDH01	182.4	188.3	Mylonitized peridotite	dominantly dnite psbx, minor inclusions of psbx textre lhz, well foliated throughout, protomylonite (cataclastic conglomerate to mortar textre, all healed), sharp LCT
14MDH01	188.3	193.5	Lherzolite boudin	lt grey-green, blk green veins, dominantly semi massive, stockwork magnetite - serpentine veining poorly developed throughout. Inter boudin area shows much higher degree of serpentinization as black to dark green-grey and well developed psbx textre, to protomylonite textre
14MDH01	193.5	197.66	Transitional dunite - lherzolite	dnite psbx, with boudinaged fragments of lherzolite, well developed psbx textre througgout
14MDH01	193.5	201.75	Lherzolite psbx	Consistent psbx texture throughout, sharp LCT
14MDH01	201.75	202.6	Lherzolite boudin	ckbx textre common throughot, much more intense mt-serp stockwork developed compared to 188.3 to 193.5
14MDH01	202.6	207	Lherzolite psbx	Transitional between dnite psbx and lhz psbx throughout, dominated by lhz psbx
14MDH01	207	208.2	Lherzolite boudin	Dark green-brown black, pervasively sheared boudin fragment (probably on the margin of more coherent lhz boudin) pervasively and strongly serpentinized throughout, penetrative foliation throughout
14MDH01	208.2	212.2	Dunite psbx	dk green blk, dominantly fine grained matrix with coarse grained glomerophyric olivine, strongly serpentinized with pervasive magnetite after olivine (as pseudomorphs)
14MDH01	212.2	213.82	Lherzolite boudin	med green-blk, pervasive, strong mt-serp stwk zones throughout, intensifying at margins
14MDH01	213.82	217.5	Lherzolite psbx	dk green-blk, grey fine grained, rare px (locally abscent, overall <10%) throughout, dominantly anhedral
14MDH01	217.5	218.4	Lherzolite boudin	dk green-brown blk, strongly sheared and serpentinized throughot, probably from margin of more intact boudin fragment
14MDH01	218.4	224.06	lherzolite psbx	dk green -brown blk, glomerophyic (megacrystic) olivine discontinuous throughout, weak cataclastic overprint
14MDH01	224.06	227.8	Cataclastic texture peridotite	lhz psbx, overprinted by late cataclastic textures, isolated shear zones (<5cm) with fe-mg carbonate veining, most intense at middle of interval
14MDH01	227.8	229.07	Lherzolite boudin	med green-grey to dk green-blk, margins of intervals show greatest mt-serp stwk veining, decreasing towards middle of interval
14MDH01	229.07	230.7	Lherzolite psbx	dark green-brown black, grey gradational lower contact
14MDH01	230.7	234.8	Lherzolite boudin	med green-grey to dk green-blk, margins of intervals show greatest mt-serp stwk veining, decreasing towards middle of interval, with fresher, weaker alteration (med green-grey)
14MDH01	234.8	236.9	Cataclastic texture peridotite	fault breccia texture fg ultramafic with fe-mg carbonate cement infilling, most intense at the beginning of the interval
14MDH01	236.9	258.2	Lherzolite boudin	med green-grey to dk green-blk, discontinuous fresher lhz (med green-grey) with mt-serp stwk well developed throughout
14MDH01	258.2	270.6	Fe-cb altered ultramafics	med grey-green brown-red, dominantly boudinaged mg lherzolite with fg peridotite and rare dunite (?). Pervasive texturally destructive alteration near upper contact, alteration wains downhole, becomes vein-controlled, patchy downhole into next interval.
14MDH01	270.6	273.27	Semi massive lherzolite	med grey green to dk green-brown black, fresher lherzolite boudins seperated by limited portions of psbx txt lhz, and mt-serp veining. Mt-serp stwk veining throughough, most intense through upper and lower contacts
14MDH01	273.27	275.45	Semi massive lherzolite	med-green grey with mt-serp veining throughout overall forms stockwork texture
14MDH01	275.45	277	Lherzolite psbx	
14MDH01	277	286	Semi massive lherzolite	
14MDH01	286	289	Lherzolite psbx	
14MDH01	289	296.4	Semi massive lherzolite	
14MDH01	296.4	298.7	Fe-cb altered ultramafics	
14MDH01	298.7	306	Semi massive lherzolite	similar to previous, becoming darker green within 0.5m of LCT.
14MDH01	306	307.7	Lherzolite psbx	weaker psbx texture than previous, more serpentinized than upper interval of semi massive lherzolite
14MDH01	307.7	331.5	Semi massive lherzolite	Similar to previous, more massive towards centre of interval, mt-serp stwk veining becomes less intense with smaller veins
14MDH01	331.5	334.5	Lherzolite psbx	dk green blk-brown, incipient to wk mg-fe cb (mantles olivine). Mch finer grained than intervals above and below, almost approaching dunite
14MDH01	334.5	339.85	Semi massive lherzolite	gradational contact with previous unit, some fine grained intervals included in this interval, typically <0.4m
14MDH01	334.5	358.4	Semi massive lherzolite	med green-grey blk, moderate to strong stockwork texture, locally intense, towards LCT stwk texture intensifies, becomes ckbx locally. gradational contact with previous unit, some fine grained intervals included in this interval, typically <0.4m
14MDH01	358.4	372	Lherzolite psbx	dk green-brown blk, dark red hue discontinuos throughout (hem?) fine to medim grained very strongly serpentinized throughout
14MDH01	372	372.3	Fault zone	overconsolidated fault gouge and clay, comminutated core fragments as milled units
14MDH01	372.3	374	Lherzolite psbx	similar toprevious
14MDH01	374	383.34	Semi massive lherzolite	med-green grey, weak to moderate mt-serp veining throughot, most intense near upper contact and decreases downhole.
14MDH01	383.34	396.6	Massive peridotite	med green grey, wk mt-serp veining throughout, weak-mod serp, bastite after px , moderate to strong stockwork developed locally. does not carry >1m throughot interval, wk to moderate mt-serp throughout
14MDH01	396.6	400.2	Massive peridotite	med green grey, fine grained mod serp, wk mt-serp veining throughot, possiblely dunite?
14MDH01	400.2	416.66	Massive peridotite	med green grey, wk mt-serp veining throughout, weak-mod serp, bastite after px , moderate to strong stockwork developed locally, does not carry >1m throughot interval, wk to moderate mt-serp throughout

Hole_ID	From	To	Sample_ID	Comments
14MDH02	2.74	7	R502120	
14MDH02	7	11	R502121	
14MDH02	11	15	R502122	
14MDH02	15	19	R502123	
14MDH02	19	23	R502124	
14MDH02	23	27	R502125	
14MDH02	27	31	R502126	
14MDH02	31	35	R502127	
14MDH02	35	39	R502128	
14MDH02	39	43	R502129	
14MDH02	43	47	R502130	
14MDH02	STD	STD	R502131	13TAR001
14MDH02	47	51	R502132	
14MDH02	51	55	R502133	
14MDH02	55	59	R502134	
14MDH02	59	63	R502135	
14MDH02	63	67	R502136	
14MDH02	DUP	DUP	R502137	63 to 67
14MDH02	67	71	R502138	
14MDH02	71	75	R502139	
14MDH02	75	78	R502140	
14MDH02	STD	STD	R502141	08RMB214
14MDH02	78	80	R502142	
14MDH02	80	84	R502143	
14MDH02	84	88	R502144	
14MDH02	88	92	R502145	
14MDH02	DUP	DUP	R502146	88 to 92
14MDH02	92	96	R502147	
14MDH02	96	100	R502148	
14MDH02	100	104	R502149	
14MDH02	104	108	R502150	
14MDH02	108	112	R502151	
14MDH02	112	116	R502152	
14MDH02	116	120	R502153	
14MDH02	120	124	R502154	
14MDH02	124	128	R502155	
14MDH02	128	132	R502156	
14MDH02	132	134.5	R502157	
14MDH02	134.5	136.22	R502158	
14MDH02	136.22	139	R502159	
14MDH02	139	143.35	R502160	
14MDH02	STD	STD	R502161	08RMB214
14MDH02	143.35	147.17	R502162	

Hole_ID	From	To	Sample_ID	Comments
14MDH02	147.17	150	R502163	
14MDH02	150	153	R502164	
14MDH02	153	157	R502165	
14MDH02	157	161	R502166	
14MDH02	161	165	R502167	
14MDH02	165	169	R502168	
14MDH02	169	172	R502169	
14MDH02	172	175	R502170	
14MDH02	DUP	DUP	R502171	172 to 175
14MDH02	175	179	R502172	
14MDH02	179	183	R502173	
14MDH02	183	187	R502174	
14MDH02	187	191	R502175	
14MDH02	191	195	R502176	
14MDH02	195	199	R502177	
14MDH02	199	203	R502178	
14MDH02	203	207	R502179	
14MDH02	207	211	R502180	
14MDH02	STD	STD	R502181	08RMB214
14MDH02	211	215	R502182	
14MDH02	215	219	R502183	
14MDH02	219	223	R502184	
14MDH02	223	227	R502185	
14MDH02	227	231	R502186	
14MDH02	231	235	R502187	
14MDH02	235	239	R502188	
14MDH02	239	243	R502189	
14MDH02	DUP	DUP	R502190	239 to 243
14MDH02	243	247	R502191	
14MDH02	247	250	R502192	
14MDH02	250	253	R502193	
14MDH02	253	256	R502194	
14MDH02	256	260	R502195	
14MDH02	260	264	R502196	
14MDH02	264	268	R502197	
14MDH02	268	272	R502198	
14MDH02	272	276	R502199	
14MDH02	STD	STD	R502200	08RMB214
14MDH02	276	280	R502201	
14MDH02	280	281.1	R502202	
14MDH02	281.95	283	R502203	
14MDH02	283	287	R502204	
14MDH02	287	291	R502205	

Hole_ID	From	To	Sample_ID	Comments
14MDH02	291	295	R502206	
14MDH02	295	297.18	R502207	
14MDH02	297.18	30.18	R502208	
14MDH02	30.18	305	R502209	
14MDH02	305	309	R502210	
14MDH02	309	313	R502211	
14MDH02	313	317	R502212	
14MDH02	317	321	R502213	
14MDH02	321	325	R502214	
14MDH02	325	329	R502215	
14MDH02	DUP	DUP	R502216	325 to 329
14MDH02	329	333	R502217	
14MDH02	333	337	R502218	
14MDH02	337	341	R502219	
14MDH02	341	345	R502220	
14MDH02	345	349	R502221	
14MDH02	349	353	R502222	
14MDH02	353	357	R502223	
14MDH02	357	361	R502224	
14MDH02	361	365	R502225	
14MDH02	365	369	R502226	
14MDH02	STD	STD	R502227	13TAR001
14MDH02	369	373	R502228	
14MDH02	373	377	R502229	
14MDH02	377	381	R502230	
14MDH02	381	385	R502231	
14MDH02	385	387.7	R502232	
14MDH02	387.7	390	R502233	
14MDH02	390	394	R502234	
14MDH02	394	398	R502235	
14MDH02	398	402	R502236	
14MDH02	DUP	DUP	R502237	398 to 402
14MDH02	402	406	R502238	
14MDH02	406	410	R502239	
14MDH02	410	414	R502240	
14MDH02	414	416.3	R502241	
14MDH02	416.3	420.3	R502242	
14MDH02	420.3	424.14	R502243	
14MDH02	424.14	428	R502244	
14MDH02	428	432	R502245	
14MDH02	432	436	R502246	
14MDH02	STD	STD	R502247	07PXB028
14MDH02	436	440	R502248	

Hole_ID	From	To	Sample_ID	Comments
14MDH02	440	444	R502249	
14MDH02	444	448	R502250	
14MDH02	448	452	R502251	
14MDH02	452	456.29	R502252	
14MDH02	DUP	DUP	R502253	452 to 456.29

Hole_ID	From	To	Sample_ID	Comments
14MDH01	0	3.05	casing	
14MDH01	3.05	7	R502001	
14MDH01	7	9.2	R502002	
14MDH01	9.2	13	R502003	
14MDH01	13	17	R502004	
14MDH01	17	21	R502005	
14MDH01	21	25	R502006	
14MDH01	25	29	R502007	
14MDH01	29	33	R502008	
14MDH01	33	37	R502009	
14MDH01	37	41	R502010	
14MDH01	41	44	R502011	
14MDH01	44	48	R502012	
14MDH01	48	52	R502013	
14MDH01	52	56	R502014	
14MDH01	56	60	R502015	
14MDH01	DUP	DUP	R502016	56 to 60
14MDH01	60	64	R502017	
14MDH01	64	68	R502018	
14MDH01	68	72	R502019	
14MDH01	STD	STD	R502020	13TAR001
14MDH01	72	74.72	R502021	
14MDH01	74.72	76.73	R502022	
14MDH01	76.73	80.77	R502023	
14MDH01	80.77	84.77	R502024	
14MDH01	84.77	88	R502025	
14MDH01	88	92	R502026	
14MDH01	92	97	R502027	
14MDH01	97	101	R502028	
14MDH01	101	103.65	R502029	
14MDH01	103.65	107.65	R502030	
14MDH01	107.65	111.65	R502031	
14MDH01	111.65	115.65	R502032	
14MDH01	115.65	118.65	R502033	
14MDH01	118.65	122.65	R502034	
14MDH01	122.65	126.65	R502035	
14MDH01	126.65	130.65	R502036	
14MDH01	130.65	134.65	R502037	
14MDH01	134.65	138.65	R502038	
14MDH01	138.65	143	R502039	
14MDH01	STD	STD	R502040	07PXB028
14MDH01	143	147	R502041	
14MDH01	147	151	R502042	

Hole_ID	From	To	Sample_ID	Comments
14MDH01	151	155	R502043	
14MDH01	155	159.1	R502044	
14MDH01	DUP	DUP	R502045	155 to 159.1
14MDH01	159.1	163	R502046	
14MDH01	163	166.9	R502047	
14MDH01	166.9	170	R502048	
14MDH01	170	174	R502049	
14MDH01	174	178	R502050	
14MDH01	178	182	R502051	
14MDH01	182	186	R502052	
14MDH01	186	189.6	R502053	
14MDH01	189.6	193.6	R502054	
14MDH01	193.6	197.6	R502055	
14MDH01	197.6	201.6	R502056	
14MDH01	201.6	205.6	R502057	
14MDH01	205.6	209.6	R502058	
14MDH01	STD	STD	R502059	13TAR001
14MDH01	209.6	212.2	R502060	
14MDH01	212.2	214.4	R502061	
14MDH01	214.4	218.4	R502062	
14MDH01	218.4	222.7	R502063	
14MDH01	222.7	226.7	R502064	
14MDH01	226.7	230.7	R502065	
14MDH01	DUP	DUP	R502066	226.7 to 230.7
14MDH01	230.7	234.8	R502067	
14MDH01	234.8	237	R502068	
14MDH01	237	240.4	R502069	
14MDH01	240.4	244	R502070	
14MDH01	244	248	R502071	
14MDH01	248	252	R502072	
14MDH01	252	255.34	R502073	
14MDH01	255.34	258.2	R502074	
14MDH01	258.2	262.6	R502075	
14MDH01	262.6	266.6	R502076	
14MDH01	266.6	270.6	R502077	
14MDH01	270.6	273.27	R502078	
14MDH01	273.27	275.45	R502079	
14MDH01	STD	STD	R502080	13TAR001
14MDH01	275.45	279.5	R502081	
14MDH01	279.5	283.5	R502082	
14MDH01	283.5	287.5	R502083	
14MDH01	287.5	291.5	R502084	
14MDH01	291.5	295.5	R502085	

Hole_ID	From	To	Sample_ID	Comments
14MDH01	295.5	298.75	R502086	
14MDH01	298.75	302.75	R502087	
14MDH01	302.75	306.5	R502088	
14MDH01	306.5	310.5	R502089	
14MDH01	310.5	314.5	R502090	
14MDH01	314.5	318.5	R502091	
14MDH01	318.5	322.5	R502092	
14MDH01	322.5	326.5	R502093	
14MDH01	326.5	330.5	R502094	
14MDH01	330.5	334.5	R502095	
14MDH01	DUP	DUP	R502096	330.5 to 334.5
14MDH01	334.5	338.5	R502097	
14MDH01	338.5	342.5	R502098	
14MDH01	342.5	346.5	R502099	
14MDH01	STD	STD	R502100	08RMB214
14MDH01	346.5	350.5	R502101	
14MDH01	350.5	354.5	R502102	
14MDH01	354.5	358.5	R502103	
14MDH01	358.5	362.5	R502104	
14MDH01	362.5	366.5	R502105	
14MDH01	366.5	370.5	R502106	
14MDH01	370.5	374	R502107	
14MDH01	374	378	R502108	
14MDH01	378	382	R502109	
14MDH01	382	386	R502110	
14MDH01	386	390	R502111	
14MDH01	390	393	R502112	
14MDH01	393	397	R502113	
14MDH01	397	400	R502114	
14MDH01	400	404	R502115	
14MDH01	404	408	R502116	
14MDH01	408	412	R502117	
14MDH01	412	416.66	R502118	
14MDH01	DUP	DUP	R502119	412 to 416.66

Appendix 6: Drill Hole Cross Section

FIRST POINT
MINERALS CORP FPX-TSX

Appendix 7: Drill Hole Plan Map


549,200 mE
549,400 mE
549,600 mE
549,800 mE
550,000 mE
6,719,400 mN
6,719,200 mN
6,719,000 mN
6,718,800 mN
6,718,600 mN
OPEN
OPEN
Hole 2
Hole 1
463m
0
150.0
meters
Legend
Geology
Upper Limit of Talus
Overburden
Mafic dike
Mg-Fe carbonate alteration
Fault zone
Peridotite - mylonitized
Peridotite - pseudo breccia
Peridotite - crackle breccia
Peridotite - massive
Dunite - pseudo breccia
Dunite - massive
Awaruite Mineralization
Definite
Inferred
DTR Ni (%)
<0.06
0.06 - 0.08
0.08 - 0.1
>0.1
Structural Symbols
Serpentine, magnetite veins
Penetrative foliation
Bedding
Jointing
Cummulate layering
Foliation (subvertical)
Narrow shear zone
Contact
FIRST POINT
MINERALS CORP
FPX-TSX

Appendix 8: Geotechnical Drill Hole Logs

Degree of breakage is measured on a scale from 1 to 5. The number designation is semi quantitative description based on the number of joints or discontinuities (shear/faults) present and joint infill (does not include veins), in addition to the general condition of the core. The attributes for the number values are as follows:

0 : 0 to 2 discontinuities. Very good recovery, full barrel core, joint infill or slickenside is negligible.

0.5: 2 to 5 discontinuities. Very good recovery, full barrel core, joint infill is negligible or joint wall is slickensided.

1: 2 to 7 discontinuities. Very good recovery, full barrel core, joint infill is typically hard, or weakly healed.

1.5: 7 to 15 discontinuities. Good to very good recovery, full barrel core, and typical joint infill is soft or clay like.

2: 15 to 20 discontinuities. Good to very good recovery, full barrel core, joint infill is soft, with minor gouge zones less than 10 cm.

2.5: 10 to 15 discontinuities. Moderate to good recovery, minor core loss with soft joint infill and/or pervasive gouge zones less than 15 cm.

3: 15 to 20 discontinuities. Moderate recovery, moderate core loss with soft joint infill and/or pervasive gouge zones greater than 15 cm.

3.5: >20 discontinuities. Moderate to poor recovery, pervasive gouge zones greater than 10cm. Majority of recovered core is full barrel but broken.

4: pervasive crushed and ground core, with gouge. Very few intact full barrel pieces of core.

4.5: crushed and ground core, with gouge. Intact core is typically jointed down the axis or splintery.

5: very poor recovery. Core is either gouge or completely crushed core.

Appendix 9: Assay Certificates

Quality Analysis ... Actlabs *Innovative Technologies*

Date Submitted: 02-Jun-14
Invoice No.: A14-03695 (i)
Invoice Date: 13-Jun-14
Your Reference: 781

First Point Minerals Corp
Suite 200 - 1155 Wes
Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: Trevor Rabb

CERTIFICATE OF ANALYSIS

286 Crushed Rock samples were submitted for analysis.

The following analytical package was requested: Code 4C (11+)-Kamloops Whole Rock Analysis-XRF

REPORT **A14-03695 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

kiwa ISO 9001 QUALITY MANAGEMENT

ACTIVATION LABORATORIES LTD.

9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
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E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted:	02-Jun-14
Invoice No.:	A14-03695 (i)
Invoice Date:	13-Jun-14
Your Reference:	781

First Point Minerals Corp
Suite 200 - 1155 Wes
Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: Trevor Rabb

CERTIFICATE OF ANALYSIS

286 Crushed Rock samples were submitted for analysis.

The following analytical package was requested: Code 8-Davis Tube Magnetic Separation Davis Tube

REPORT **A14-03695 (i)**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
11ILAC273																30.0	3.892	25.775	13.0	29.666	1.12
11IJAC274																30.0	2.761	26.962	9.2	29.723	0.92
11KDH251																30.0	2.487	27.156	8.3	29.643	1.19
11KDH252																30.0	2.148	27.570	7.2	29.718	0.95
11KDH253																30.0	2.069	27.742	6.9	29.810	0.64
11KDH254																30.0	1.442	28.199	4.8	29.642	1.18
11KDH255																30.0	3.087	26.615	10.3	29.702	1.00
11TAR739																30.0	2.909	26.975	9.7	29.884	0.38
11TAR741																30.0	4.222	25.654	14.1	29.876	0.43
12IJAC098																30.0	3.446	26.172	11.5	29.618	1.28
12IJAC106																30.0	1.393	28.361	4.6	29.754	0.83
12IJAC107																30.0	3.447	26.339	11.5	29.787	0.70
12IJAC108																30.0	1.675	28.126	5.6	29.801	0.68
12IJAC133																30.0	1.865	27.877	6.2	29.741	0.86
12IJAC134																30.0	1.504	28.252	5.0	29.756	0.82
12IJAC135																60.0	0.325	59.064	0.5	59.389	1.02
12IJAC136																30.0	3.080	26.807	10.3	29.887	0.38
12IJAC137																30.0	1.585	28.257	5.3	29.842	0.53
12JWS004																30.0	4.466	25.506	14.9	29.972	0.10
12JWS005																30.0	2.424	27.550	8.1	29.974	0.09
12JWS007																30.0	3.464	25.897	11.5	29.361	2.13
12JWS026																30.0	1.770	28.025	5.9	29.795	0.69
12JWS027																30.0	6.385	23.455	21.3	29.840	0.55
12JWS048II																30.0	1.965	27.862	6.6	29.828	0.56
12JWS049																30.0	1.158	28.646	3.9	29.804	0.66
12KAB001																30.0	1.453	28.378	4.8	29.831	0.58
12KAB015																30.0	0.911	28.926	3.0	29.837	0.55
12KAB016																30.0	1.306	28.445	4.4	29.751	0.82
12KAB017																30.0	1.114	28.711	3.7	29.825	0.60
12KAB018																30.0	1.062	28.402	3.5	29.464	1.79
12KAB020																30.0	1.863	27.799	6.2	29.662	1.12
12KAB021																30.0	3.158	26.246	10.5	29.404	1.97
12KAB022																30.0	1.581	27.860	5.3	29.440	1.86
12KAB023																30.0	3.162	27.425	10.5	30.587	-1.94
12KAB024																30.0	1.663	27.983	5.5	29.645	1.18
12KAB025																30.0	3.894	25.792	13.0	29.686	1.06
12KAB026																30.0	1.747	28.206	5.8	29.953	0.16
12KAB043																30.0	1.810	28.163	6.0	29.973	0.09
12KAB044																30.0	2.229	27.590	7.4	29.819	0.61
12KAB050																30.0	1.584	28.110	5.3	29.695	1.03
12KAB051																30.0	3.185	26.611	10.6	29.796	0.70
12KAB052																30.0	1.518	28.208	5.1	29.726	0.91
12KAB053																30.0	2.452	27.349	8.2	29.801	0.66
12KAB054																60.0	1.272	58.005	2.1	59.277	1.21
12KAB066																30.0	2.336	27.488	7.8	29.825	0.59
12KAB067																30.0	3.286	26.493	11.0	29.779	0.73

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
12KAB068																30.0	1.379	28.359	4.6	29.738	0.87
12KAB069																30.0	1.092	28.636	3.6	29.728	0.90
12KAB070																30.0	2.812	27.087	9.4	29.899	0.35
12KAB071																30.0	1.992	27.830	6.6	29.822	0.58
12KAB072																30.0	2.714	26.867	9.0	29.581	1.41
12MMP005II																30.0	0.941	28.790	3.1	29.731	0.89
12MMP022																30.0	5.153	24.860	17.2	30.013	-0.05
12MMP028																30.0	2.407	27.389	8.0	29.797	0.68
12KAB048																30.0	3.850	26.154	12.8	30.004	-0.00
12MMP029II																30.0	4.536	25.191	15.1	29.727	0.91
12MMP030																30.0	2.569	27.147	8.6	29.716	0.96
12MMP031																30.0	5.388	24.382	18.0	29.770	0.76
12MMP032																30.0	4.130	25.639	13.8	29.770	0.78
12MMP033																30.0	0.930	28.789	3.1	29.719	0.95
12MMP034																30.0	5.892	24.095	19.6	29.987	0.05
12MMP035																30.0	2.404	27.365	8.0	29.769	0.78
12MMP036II																30.0	2.949	26.874	9.8	29.823	0.60
12MMP037II																30.0	1.382	28.264	4.6	29.646	1.18
12MMP039																30.0	2.344	27.452	7.8	29.796	0.69
12MMP056																30.0	1.721	28.027	5.7	29.747	0.85
12MMP057																30.0	2.965	26.695	9.9	29.660	1.12
12MMP058																30.0	2.558	27.167	8.5	29.725	0.93
12MMP059																30.0	4.260	25.369	14.2	29.629	1.25
12MMP112																30.0	3.848	25.865	12.8	29.713	0.96
12MMP113																30.0	1.904	27.907	6.3	29.811	0.65
12MMP114																30.0	0.872	28.916	2.9	29.788	0.72
12MMP115																30.0	3.198	26.558	10.7	29.756	0.80
12mMP038II																30.0	1.521	28.294	5.1	29.816	0.63
13DBV003																30.0	1.023	28.607	3.4	29.630	1.23
13MDN001																30.0	4.000	25.515	13.3	29.514	1.61
13MDN003																30.0	4.570	25.070	15.2	29.641	1.21
13MDN013																30.0	1.351	28.107	4.5	29.458	1.80
13MDN019																30.0	3.440	26.310	11.5	29.750	0.85
13MDN020																30.0	1.603	27.574	5.3	29.177	2.74
13MDN021																30.0	2.039	27.845	6.8	29.884	0.39
13MDN064																30.0	2.082	27.612	6.9	29.693	1.03
13MDN065																30.0	3.682	26.015	12.3	29.697	1.02
13MDN066																30.0	2.508	27.118	8.4	29.626	1.26
13MDN067																30.0	1.997	27.469	6.7	29.465	1.77
14TAR001																30.0	0.995	28.931	3.3	29.925	0.25
14TAR002																30.0	1.544	27.986	5.1	29.530	1.58
14TAR003																30.0	1.755	27.782	5.8	29.538	1.56
14TAR004																30.0	1.542	27.925	5.1	29.467	1.78
14TAR005																30.0	1.860	27.599	6.2	29.459	1.82
14TAR006																30.0	2.042	27.388	6.8	29.430	1.90
14TAR007																30.0	1.380	28.293	4.6	29.673	1.09
14TAR008																30.0	1.315	28.285	4.4	29.599	1.34
14TAR009																30.0	2.677	26.951	8.9	29.628	1.25

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
11ILAC273Mag	25.81	1.20	38.22	0.121	25.14	0.09	< 0.01	< 0.01	0.03	< 0.01	1.95	0.028	7.42	100.5	0.567						
11IJAC274Mag	31.13	1.95	23.04	0.201	30.33	1.01	< 0.01	< 0.01	0.02	< 0.01	2.27	0.016	8.41	99.71	1.36						
11KDH251Mag	27.04	0.88	32.09	0.209	28.82	0.02	< 0.01	< 0.01	0.02	0.01	3.30	0.013	7.18	100.1	0.503						
11KDH252Mag	21.17	0.74	45.63	0.155	22.02	0.01	< 0.01	< 0.01	0.02	< 0.01	3.61	0.023	6.13	100.1	0.596						
11KDH253Mag	19.75	0.98	40.53	0.192	21.70	0.01	< 0.01	< 0.01	0.02	< 0.01	3.47	0.017	12.74	100.3	0.872						
11KDH254Mag	24.17	0.68	32.45	0.197	30.58	0.01	< 0.01	< 0.01	0.01	< 0.01	4.15	0.017	5.77	100.1	2.13						
11KDH255Mag	24.44	0.51	34.11	0.188	30.49	0.01	< 0.01	< 0.01	0.01	< 0.01	2.93	0.019	6.33	99.96	0.968						
11TAR739Mag	24.21	1.01	40.37	0.176	24.12	0.10	< 0.01	0.01	0.02	< 0.01	1.91	0.018	7.45	100.0	0.654						
11TAR741Mag	27.07	0.90	34.96	0.154	26.86	0.06	< 0.01	0.01	0.02	< 0.01	1.38	0.015	8.61	100.4	0.354						
12IJAC098Mag	19.34	0.76	53.40	0.148	19.09	0.11	< 0.01	< 0.01	0.03	< 0.01	1.36	0.024	5.84	100.5	0.464						
12IJAC106Mag	26.00	2.82	33.53	0.213	25.48	1.07	< 0.01	0.01	0.04	< 0.01	3.35	0.025	5.15	99.62	1.95						
12IJAC107Mag	31.05	2.11	25.47	0.145	30.70	0.84	< 0.01	< 0.01	0.03	< 0.01	1.61	0.019	7.34	100.1	0.853						
12IJAC108Mag	23.46	0.71	36.19	0.128	29.09	0.01	< 0.01	< 0.01	0.01	< 0.01	3.25	0.014	7.33	100.6	0.476						
12IJAC133Mag	22.68	1.74	40.77	0.241	22.70	0.37	< 0.01	0.01	0.02	< 0.01	3.65	0.023	6.03	99.28	1.07						
12IJAC134Mag	25.15	2.26	34.05	0.234	24.90	0.86	< 0.01	< 0.01	0.02	< 0.01	3.55	0.020	7.36	99.73	1.38						
12IJAC135Mag	9.33	0.82	68.30	0.169	11.40	0.01	< 0.01	< 0.01	0.03	< 0.01	4.42	0.019	-3.80	98.07	7.43						
12IJAC136Mag	28.03	1.72	33.04	0.214	26.95	0.76	< 0.01	< 0.01	0.02	< 0.01	1.87	0.016	7.21	100.4	0.626						
12IJAC137Mag	16.70	0.85	57.84	0.373	15.72	0.01	< 0.01	< 0.01	0.08	< 0.01	4.03	0.032	3.32	99.23	0.292						
12JWS004Mag	30.76	0.79	26.06	0.112	30.95	0.01	< 0.01	< 0.01	0.01	< 0.01	1.49	0.013	9.44	99.97	0.363						
12JWS005Mag	20.03	0.92	50.62	0.155	19.57	0.07	< 0.01	< 0.01	0.03	< 0.01	2.18	0.023	5.50	100.0	0.945						
12JWS007Mag	17.19	0.55	58.42	0.155	16.87	0.11	< 0.01	< 0.01	0.02	< 0.01	1.43	0.017	4.60	99.78	0.436						
12JWS026Mag	20.89	1.35	48.40	0.412	19.94	0.47	< 0.01	< 0.01	0.03	< 0.01	2.09	0.020	5.53	99.52	0.427						
12JWS027Mag	29.69	0.78	29.53	0.232	27.87	1.11	< 0.01	0.01	0.02	< 0.01	0.81	0.013	8.40	98.75	0.318						
12JWS048flMag	27.25	1.47	31.74	0.250	27.00	0.51	< 0.01	0.01	0.02	< 0.01	2.94	0.016	7.48	99.83	1.16						
12JWS049Mag	18.74	1.86	51.70	0.253	19.74	0.28	< 0.01	0.01	0.05	< 0.01	4.49	0.030	2.22	99.71	0.352						
12KAB001Mag	18.67	1.13	51.06	0.202	18.63	0.05	< 0.01	< 0.01	0.03	< 0.01	3.78	0.026	5.20	99.96	1.18						
12KAB015Mag	16.05	2.39	51.81	0.314	16.43	0.25	< 0.01	0.01	0.06	< 0.01	5.90	0.037	2.60	98.83	2.98						
12KAB016Mag	18.82	1.13	51.15	0.255	19.04	0.12	< 0.01	0.01	0.04	< 0.01	4.56	0.030	3.27	99.33	0.926						
12KAB017Mag	20.70	1.61	44.95	0.417	20.85	0.49	< 0.01	0.01	0.02	< 0.01	4.91	0.022	4.92	99.77	0.871						
12KAB018Mag	19.25	1.09	47.95	0.368	20.95	0.06	< 0.01	0.01	0.07	< 0.01	6.43	0.036	1.65	99.16	1.32						
12KAB020Mag	24.06	1.02	39.73	0.194	23.87	0.33	< 0.01	< 0.01	0.02	< 0.01	2.90	0.022	6.64	100.1	1.31						
12KAB021Mag	27.70	1.43	31.86	0.157	26.99	0.70	< 0.01	0.01	0.02	< 0.01	2.41	0.020	7.31	99.88	1.30						
12KAB022Mag	20.69	1.90	45.06	0.212	20.76	0.53	< 0.01	< 0.01	0.02	< 0.01	3.73	0.022	4.77	100.2	2.54						
12KAB023Mag	24.61	1.41	37.65	0.209	24.21	0.36	< 0.01	< 0.01	0.02	< 0.01	2.43	0.017	7.29	99.69	1.51						
12KAB024Mag	19.26	0.98	49.88	0.226	18.33	0.68	< 0.01	< 0.01	0.02	< 0.01	3.59	0.026	3.86	99.20	2.36						
12KAB025Mag	25.40	1.04	39.23	0.138	24.72	0.16	< 0.01	< 0.01	0.02	< 0.01	1.06	0.016	7.72	99.99	0.513						
12KAB026Mag	20.90	0.90	45.94	0.251	20.83	0.08	< 0.01	0.01	0.02	< 0.01	3.20	0.019	5.70	99.80	1.97						
12KAB043Mag	24.24	1.14	38.96	0.262	24.11	0.13	< 0.01	< 0.01	0.03	< 0.01	3.63	0.024	6.86	99.98	0.613						
12KAB044Mag	9.37	2.63	64.80	0.368	10.54	0.01	< 0.01	< 0.01	0.03	< 0.01	10.72	0.045	1.35	100.5	0.643						
12KAB050Mag	24.28	1.98	39.42	0.260	22.76	1.54	< 0.01	< 0.01	0.03	< 0.01	2.67	0.019	4.75	99.52	1.81						
12KAB051Mag	29.46	1.90	28.88	0.148	27.84	1.17	< 0.01	< 0.01	0.02	< 0.01	1.52	0.017	7.87	99.71	0.904						
12KAB052Mag	25.08	1.36	34.78	0.227	24.94	0.49	< 0.01	< 0.01	0.04	< 0.01	4.04	0.024	6.03	99.32	2.33						
12KAB053Mag	25.38	1.19	38.26	0.120	25.19	0.01	< 0.01	< 0.01	0.02	< 0.01	2.11	0.023	7.84	100.7	0.551						
12KAB054Mag	18.46	1.75	46.25	0.168	19.84	0.01	< 0.01	0.01	0.02	< 0.01	7.27	0.059	5.73	99.84	0.310						
12KAB066Mag	24.35	1.18	39.55	0.212	23.30	0.81	< 0.01	< 0.01	0.02	< 0.01	2.26	0.015	6.13	99.21	1.35						
12KAB067Mag	30.75	1.15	25.72	0.192	29.71	0.34	< 0.01	< 0.01	0.02	< 0.01	1.76	0.013	9.45	99.72	0.651						
12KAB068Mag	27.32	2.14	26.27	0.241	28.18	0.42	< 0.01	< 0.01	0.02	< 0.01	5.18	0.042	7.10	99.32	2.45						
12KAB069Mag	9.30	0.36	75.02	0.284	11.94	0.03	< 0.01	< 0.01	0.01	< 0.01	3.31	0.021	-1.55	99.27	0.569						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
12KAB070Mag	31.99	1.02	27.24	0.196	35.19	1.66	< 0.01	0.01	0.05	< 0.01	1.88	0.021	0.93	100.5	0.315						
12KAB071Mag	25.19	1.93	36.52	0.244	26.29	0.56	< 0.01	0.01	0.04	< 0.01	3.37	0.033	4.92	99.67	0.599						
12KAB072Mag	21.64	1.72	43.19	0.194	23.95	0.02	< 0.01	< 0.01	0.02	< 0.01	4.48	0.021	4.96	100.7	0.545						
12MMP005IIMag	6.42	0.92	78.62	0.442	6.24	0.02	< 0.01	< 0.01	0.15	< 0.01	6.60	0.059	-0.30	99.46	0.301						
12MMP022Mag	27.55	0.43	32.43	0.126	28.96	0.01	< 0.01	< 0.01	0.01	< 0.01	1.54	0.011	9.22	100.6	0.325						
12MMP028Mag	25.32	1.69	37.93	0.249	23.97	1.07	< 0.01	< 0.01	0.03	< 0.01	2.47	0.018	6.15	100.1	1.22						
12KAB048Mag	26.80	0.87	33.28	0.269	26.82	0.06	< 0.01	0.01	0.02	< 0.01	1.74	0.017	9.58	99.89	0.453						
12MMP029IIMag	20.66	1.12	49.40	0.140	20.34	0.12	< 0.01	< 0.01	0.03	< 0.01	1.15	0.021	5.78	99.37	0.629						
12MMP030Mag	25.17	1.24	37.85	0.162	24.35	0.02	< 0.01	< 0.01	0.01	< 0.01	2.35	0.016	7.97	99.45	0.345						
12MMP031Mag	25.30	1.19	39.03	0.150	24.82	0.17	< 0.01	< 0.01	0.02	< 0.01	1.16	0.019	7.31	99.60	0.472						
12MMP032Mag	25.15	1.01	40.52	0.186	24.45	0.02	< 0.01	< 0.01	0.02	0.01	1.12	0.018	7.23	100.0	0.336						
12MMP033Mag	16.60	0.52	47.20	0.290	22.45	0.01	< 0.01	< 0.01	0.01	< 0.01	6.92	0.030	2.49	99.11	2.64						
12MMP034Mag	25.12	1.05	39.65	0.102	24.81	0.08	< 0.01	< 0.01	0.03	< 0.01	0.97	0.017	7.44	99.69	0.449						
12MMP035Mag	26.37	1.82	34.70	0.199	25.65	0.91	< 0.01	0.01	0.03	< 0.01	2.28	0.018	6.39	99.86	1.51						
12MMP036IIMag	24.76	1.44	38.77	0.189	24.03	0.23	< 0.01	< 0.01	0.03	< 0.01	1.89	0.018	6.94	99.36	1.10						
12MMP037IIMag	26.74	1.73	32.67	0.277	26.43	1.17	< 0.01	0.01	0.03	< 0.01	4.10	0.023	4.38	99.95	2.40						
12MMP039Mag	25.01	1.96	38.06	0.216	25.00	0.81	< 0.01	0.01	0.03	< 0.01	2.63	0.022	5.54	99.66	0.383						
12MMP056Mag	25.24	2.42	34.35	0.218	24.57	1.08	< 0.01	< 0.01	0.03	< 0.01	3.35	0.021	6.51	99.59	1.81						
12MMP057Mag	30.38	0.77	24.67	0.126	30.59	0.01	< 0.01	< 0.01	0.01	< 0.01	2.68	0.017	9.37	99.54	0.945						
12MMP058Mag	25.73	1.96	35.05	0.180	25.52	0.41	< 0.01	0.01	0.03	< 0.01	2.10	0.017	7.40	99.66	1.27						
12MMP059Mag	23.23	0.76	43.86	0.117	22.95	0.05	< 0.01	< 0.01	0.02	< 0.01	1.51	0.018	6.83	99.70	0.384						
12MMP112Mag	27.95	1.10	32.50	0.221	27.07	0.36	< 0.01	< 0.01	0.02	< 0.01	1.44	0.016	7.86	99.44	0.934						
12MMP113Mag	26.95	0.76	35.68	0.160	26.94	1.65	< 0.01	< 0.01	0.01	< 0.01	2.96	0.026	2.88	99.81	1.83						
12MMP114Mag	13.47	0.67	65.24	0.116	17.23	0.07	< 0.01	< 0.01	0.01	< 0.01	2.97	0.017	-0.73	99.62	0.791						
12MMP115Mag	31.30	0.77	24.53	0.143	29.57	2.35	< 0.01	< 0.01	0.02	< 0.01	1.73	0.015	7.96	99.17	0.807						
12mMP038IIMag	18.88	1.89	49.41	0.200	19.27	0.37	< 0.01	0.01	0.03	< 0.01	3.83	0.028	3.45	99.26	1.90						
13DBV003Mag	14.20	0.68	57.90	0.233	18.15	0.06	< 0.01	< 0.01	0.02	< 0.01	6.53	0.030	1.60	100.4	1.05						
13MDN001Mag	21.12	0.58	42.18	0.181	20.82	0.27	< 0.01	< 0.01	0.03	< 0.01	0.89	0.013	13.72	100.1	0.345						
13MDN003Mag	25.88	0.96	39.13	0.155	25.19	0.07	< 0.01	< 0.01	0.02	< 0.01	1.15	0.015	7.13	100.2	0.586						
13MDN013Mag	6.97	0.46	78.91	0.274	9.21	< 0.01	< 0.01	< 0.01	0.02	< 0.01	3.84	0.031	-1.45	99.83	1.57						
13MDN019Mag	19.93	0.69	52.31	0.156	19.67	0.17	< 0.01	0.01	0.03	< 0.01	1.49	0.021	5.16	100.2	0.601						
13MDN020Mag	12.64	0.61	65.80	0.196	13.23	0.01	< 0.01	< 0.01	0.01	< 0.01	3.81	0.024	3.15	99.84	0.379						
13MDN021Mag	24.73	0.97	39.48	0.198	23.45	0.60	< 0.01	< 0.01	0.02	< 0.01	2.09	0.017	6.42	99.51	1.57						
13MDN064Mag	25.30	0.85	36.04	0.164	26.14	0.01	< 0.01	< 0.01	0.01	< 0.01	3.38	0.025	8.31	100.6	0.406						
13MDN065Mag	24.24	0.86	42.08	0.265	22.95	0.61	< 0.01	< 0.01	0.03	< 0.01	1.79	0.021	6.08	99.35	0.443						
13MDN066Mag	25.16	1.21	37.89	0.194	24.53	0.25	< 0.01	< 0.01	0.02	< 0.01	2.79	0.024	7.11	100.1	0.933						
13MDN067Mag	22.80	1.07	42.62	0.236	22.20	0.44	< 0.01	< 0.01	0.02	< 0.01	2.91	0.019	5.71	99.66	1.65						
14TAR001Mag	14.93	0.78	65.99	0.428	14.69	0.33	< 0.01	0.01	0.03	0.01	2.32	0.035	-6.60	97.88	4.93						
14TAR002Mag	9.43	0.51	73.77	0.191	10.86	0.16	< 0.01	< 0.01	0.01	< 0.01	2.36	0.026	1.17	99.89	1.44						
14TAR003Mag	18.05	0.44	56.72	0.210	17.27	0.10	< 0.01	< 0.01	0.03	< 0.01	1.69	0.017	4.67	99.73	0.559						
14TAR004Mag	9.45	0.48	73.47	0.191	10.86	0.17	< 0.01	< 0.01	0.01	< 0.01	2.33	0.024	1.14	99.55	1.44						
14TAR005Mag	21.18	0.67	46.71	0.218	21.16	0.17	< 0.01	< 0.01	0.03	< 0.01	2.92	0.023	4.84	98.86	0.969						
14TAR006Mag	24.31	1.70	39.00	0.217	23.63	0.78	< 0.01	< 0.01	0.02	< 0.01	2.62	0.019	5.65	99.71	1.79						
14TAR007Mag	23.29	1.81	42.11	0.279	21.70	1.57	< 0.01	0.01	0.03	< 0.01	2.93	0.019	4.02	99.84	2.07						
14TAR008Mag	17.81	1.69	51.44	0.306	18.02	0.24	< 0.01	< 0.01	0.03	< 0.01	4.96	0.027	3.82	99.94	1.61						
14TAR009Mag	26.71	1.72	34.90	0.223	25.74	0.76	< 0.01	< 0.01	0.03	< 0.01	2.00	0.016	6.57	99.34	0.692						

QC

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
UB-N Meas	39.60	2.91	8.34	0.129	35.20	1.22	0.09	0.02	0.10	0.01	0.35	0.010									
UB-N Cert	39.4	2.90	8.34	0.120	35.2	1.20	0.100	0.0200	0.110	0.0400	0.34	0.013									
Oreas 73a (Fusion) Meas	36.50	2.47			32.30										1.46						
Oreas 73a (Fusion) Cert	36.4	2.38			32.5										1.44						
Oreas 74a (Fusion) Meas	32.30	2.21			27.80										3.25						
Oreas 74a (Fusion) Cert	32.4	2.21			27.9										3.24						
Oreas 75a (Fusion) Meas	27.20	2.03			22.30										5.25						
Oreas 75a (Fusion) Cert	27.3	1.99			22.3										5.25						
NCS DC19014 Meas	3.33	2.65	77.10	0.339	3.81	0.43			12.01		1.88	0.561									
NCS DC19014 Cert	3.27	2.57	77.11	0.335	3.81	0.419			11.85		1.88	0.56									
NCS DC18012 Meas	7.59	5.55	79.10	0.455	0.71	0.44			0.13												
NCS DC18012 Cert	7.62	5.54	79.38	0.455	0.67	0.42			0.129												
12IJAC134 Orig																30.0	1.513	28.137	5.0	29.650	1.16
12IJAC134 Dup																30.0	1.496	28.366	5.0	29.861	0.47
12KAB018 Orig																30.0	1.062	28.402	3.5	29.464	1.79
12KAB018 Split																30.0	1.021	28.716	3.4	29.738	0.87
12KAB018 Orig																30.0	1.086	28.082	3.6	29.169	2.78
12KAB018 Dup																30.0	1.038	28.722	3.5	29.760	0.80
12KAB066 Orig																30.0	2.425	27.362	8.1	29.787	0.72
12KAB066 Dup																30.0	2.248	27.614	7.5	29.862	0.47
12KAB071 Orig																30.0	1.992	27.830	6.6	29.822	0.58
12KAB071 Split																30.0	1.991	27.614	6.6	29.606	1.30
12MMP033 Orig																30.0	0.930	28.789	3.1	29.719	0.95
12MMP033 Split																30.0	0.907	28.625	3.0	29.532	1.58
12MMP033 Orig																30.0	0.928	28.760	3.1	29.687	1.05
12MMP033 Dup																30.0	0.933	28.817	3.1	29.750	0.85
13DBV003 Orig																30.0	1.076	28.544	3.6	29.619	1.28
13DBV003 Dup																30.0	0.970	28.670	3.2	29.640	1.19
14TAR006 Orig																30.0	2.038	27.223	6.8	29.261	2.46
14TAR006 Dup																30.0	2.046	27.554	6.8	29.600	1.34
14TAR009 Orig																30.0	2.677	26.951	8.9	29.628	1.25
14TAR009 Split																30.0	2.436	27.277	8.1	29.713	0.96
12IJAC134Mag Orig	25.30	2.19	33.90	0.232	25.00	0.87	< 0.01	< 0.01	0.02	< 0.01	3.48	0.021	7.39	99.71	1.36						
12IJAC134Mag Dup	25.00	2.34	34.20	0.237	24.80	0.85	< 0.01	0.01	0.02	< 0.01	3.61	0.019	7.32	99.74	1.40						
12KAB018Mag Orig	19.20	1.06	47.90	0.362	21.00	0.06	< 0.01	0.01	0.07	< 0.01	6.31	0.036	1.69	99.07	1.33						
12KAB018Mag Dup	19.30	1.11	48.00	0.374	20.90	0.06	< 0.01	0.01	0.07	< 0.01	6.56	0.037	1.61	99.25	1.32						
12KAB066Mag Orig	24.40	1.16	39.30	0.212	23.30	0.82	< 0.01	< 0.01	0.02	< 0.01	2.20	0.016	6.16	98.94	1.33						
12KAB066Mag Dup	24.30	1.20	39.80	0.212	23.30	0.81	< 0.01	< 0.01	0.03	< 0.01	2.33	0.015	6.10	99.47	1.37						
12MMP033Mag Orig	16.70	0.51	47.30	0.289	22.50	0.01	< 0.01	< 0.01	0.01	< 0.01	6.87	0.031	2.42	99.22	2.65						
12MMP033Mag Dup	16.50	0.54	47.10	0.292	22.40	0.01	< 0.01	< 0.01	0.01	< 0.01	6.97	0.030	2.56	98.99	2.63						
13DBV003Mag Orig	14.20	0.67	57.80	0.233	18.10	0.06	< 0.01	< 0.01	0.02	< 0.01	6.53	0.031	1.60	100.3	1.05						
13DBV003Mag Dup	14.20	0.68	58.00	0.233	18.20	0.06	< 0.01	0.01	0.03	< 0.01	6.54	0.029	1.60	100.6	1.05						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P205	Cr2O3
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
14TAR006Mag Orig	24.16	1.69	39.41	0.221	23.55	0.77	< 0.01	< 0.01	0.02	< 0.01	2.65
14TAR006Mag Dup	24.46	1.70	38.60	0.213	23.70	0.79	< 0.01	0.01	0.02	< 0.01	2.58
Method Blank	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Analyte Symbol	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
14TAR006Mag Orig	0.018	5.61	99.94	1.86						
14TAR006Mag Dup	0.019	5.68	99.48	1.73						
Method Blank	< 0.003	-0.01	< 0.01	< 0.003						

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted:	28-Aug-14
Invoice No.:	A14-06060 (i)
Invoice Date:	16-Sep-14
Your Reference:	780A

First Point Minerals Corp
Suite 200 - 1155 Wes
Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: Trevor Rabb

CERTIFICATE OF ANALYSIS

105 Rock samples were submitted for analysis.

The following analytical package was requested: Code 4C (11+)-Kamloops Whole Rock Analysis-XRF
Code 8-Davis Tube Mag Sep-Kamloops Davis Tube

REPORT **A14-06060 (i)**

Notes:

Footnote: Insufficient sample for 14MON101 was sent, only 3 g, for DT analysis. Sample 14MON084 had insufficient mag material for XRF analysis.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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LAB Accrédité CCN

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Results

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
14LAK030																30.0	1.724	27.859	5.7	29.584	1.39
14MON101																					
14LAK031																30.0	3.665	25.824	12.2	29.489	1.71
14LAK032																30.0	2.355	26.930	7.9	29.285	2.39
14LAK033																30.0	1.604	27.810	5.3	29.414	1.97
14LAK034																30.0	1.305	28.321	4.3	29.626	1.27
14LAK035																30.0	1.310	28.560	4.4	29.869	0.46
14LAK036																30.0	1.139	28.103	3.8	29.242	2.53
14LAK037																30.0	1.186	28.348	4.0	29.534	1.57
14LAK038																30.0	2.537	26.993	8.5	29.530	1.57
14LAK039																30.0	3.213	26.271	10.7	29.484	1.73
14LAK040																30.0	3.567	26.021	11.9	29.588	1.38
14LAK041																30.0	2.904	26.520	9.7	29.424	1.92
14LAK042																30.0	3.827	25.774	12.8	29.601	1.34
14LAK043																30.0	3.109	26.587	10.4	29.696	1.04
14LAK044																30.0	1.938	27.682	6.5	29.621	1.28
14LAK045																30.0	1.678	28.192	5.6	29.871	0.45
14LAK046																30.0	3.023	26.578	10.1	29.600	1.34
14LAK047																30.0	2.160	27.179	7.2	29.339	2.21
14LAK048																30.0	2.366	26.750	7.9	29.116	2.97
14LAK049																30.0	4.335	25.149	14.4	29.484	1.74
14LAK050																30.0	1.409	28.185	4.7	29.594	1.38
14LAK051																30.0	1.870	27.503	6.2	29.373	2.12
14LAK052																30.0	0.927	28.567	3.1	29.494	1.69
14LAK053																30.0	1.422	28.240	4.7	29.662	1.14
14LAK054																30.0	1.757	27.768	5.9	29.525	1.61
14LAK055																30.0	2.316	27.342	7.7	29.658	1.16
14LAK056																30.0	2.022	27.596	6.7	29.618	1.28
14LAK057																30.0	1.953	27.680	6.5	29.632	1.23
14LAK058																30.0	1.456	28.006	4.9	29.463	1.81
14LAK059																30.0	2.887	26.514	9.6	29.401	2.01
14LAK060																30.0	1.241	28.268	4.1	29.508	1.65
14LAK061																30.0	1.604	27.941	5.3	29.545	1.55
14LAK062																30.0	3.011	26.448	10.0	29.459	1.82
14MON084																45.0	0.040	44.449	0.1	44.489	1.23
14LAK030 Mag	21.62	0.71	46.86	0.217	21.64	0.15	< 0.01	0.02	0.02	< 0.01	2.87	0.023	4.57	99.68	0.981						
14MON101 Mag																					
14LAK031 Mag	25.93	0.78	37.83	0.136	25.94	0.08	< 0.01	0.04	0.02	< 0.01	1.50	0.015	7.46	100.4	0.662						
14LAK032 Mag	27.44	0.61	26.65	0.181	32.63	0.02	< 0.01	0.01	< 0.01	< 0.01	2.74	0.012	8.28	99.72	1.13						
14LAK033 Mag	25.32	0.51	28.74	0.172	32.17	0.01	< 0.01	0.01	0.01	< 0.01	3.78	0.014	7.79	100.3	1.80						
14LAK034 Mag	22.99	0.17	38.02	0.162	29.30	< 0.01	0.01	0.01	< 0.01	< 0.01	2.02	0.015	5.13	99.34	1.51						
14LAK035 Mag	24.22	0.11	33.72	0.188	31.11	< 0.01	< 0.01	0.04	< 0.01	< 0.01	1.73	0.008	6.36	99.45	1.97						
14LAK036 Mag	18.95	0.54	42.10	0.261	25.03	< 0.01	< 0.01	0.01	< 0.01	< 0.01	6.20	0.023	4.10	99.39	2.17						
14LAK037 Mag	21.20	0.44	36.95	0.284	28.12	< 0.01	< 0.01	0.01	< 0.01	< 0.01	5.78	0.026	4.82	99.72	2.10						
14LAK038 Mag	19.39	0.37	53.21	0.158	18.47	0.51	< 0.01	0.01	0.01	< 0.01	2.08	0.018	4.91	99.64	0.510						
14LAK039 Mag	24.66	0.89	40.34	0.139	24.43	0.11	< 0.01	0.02	0.03	< 0.01	1.45	0.019	7.13	100.1	0.893						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
14LAK040 Mag	20.92	0.41	51.10	0.150	19.96	0.22	< 0.01	0.01	0.02	< 0.01	1.29	0.018	5.82	100.3	0.381						
14LAK041 Mag	16.19	0.30	60.06	0.167	15.73	0.24	< 0.01	0.02	0.01	< 0.01	1.69	0.020	4.08	98.92	0.412						
14LAK042 Mag	25.02	0.97	41.23	0.173	23.89	0.61	< 0.01	0.02	0.03	< 0.01	1.10	0.020	6.95	100.4	0.429						
14LAK043 Mag	23.71	0.87	44.63	0.211	22.73	0.05	< 0.01	0.01	0.04	< 0.01	1.63	0.019	6.28	100.5	0.324						
14LAK044 Mag	24.74	1.58	38.00	0.213	24.41	0.59	< 0.01	0.04	0.02	< 0.01	2.72	0.021	6.34	100.3	1.67						
14LAK045 Mag	21.54	1.18	44.94	0.172	21.51	0.24	< 0.01	0.01	0.03	< 0.01	2.62	0.021	5.77	99.23	1.19						
14LAK046 Mag	24.53	1.37	40.32	0.135	23.97	0.46	< 0.01	0.03	0.03	< 0.01	1.58	0.019	6.42	99.92	1.05						
14LAK047 Mag	23.12	0.63	43.39	0.208	22.86	0.02	0.01	0.02	0.02	< 0.01	2.46	0.019	6.75	99.94	0.429						
14LAK048 Mag	23.86	0.88	41.55	0.176	23.75	0.24	0.01	0.03	0.02	< 0.01	2.32	0.020	6.42	100.3	1.01						
14LAK049 Mag	28.83	0.64	29.83	0.141	29.34	< 0.01	< 0.01	0.04	0.01	< 0.01	1.53	0.010	8.86	99.73	0.510						
14LAK050 Mag	16.34	0.25	56.02	0.158	20.69	< 0.01	< 0.01	0.01	< 0.01	< 0.01	1.89	0.015	2.91	99.94	1.66						
14LAK051 Mag	23.25	0.25	37.05	0.147	29.81	< 0.01	< 0.01	< 0.01	0.01	< 0.01	1.47	0.007	6.75	100.3	1.56						
14LAK052 Mag	15.60	0.31	57.82	0.175	17.68	0.02	< 0.01	0.01	0.03	< 0.01	3.58	0.019	1.17	99.04	2.62						
14LAK053 Mag	24.38	0.42	31.49	0.160	30.81	< 0.01	< 0.01	0.01	< 0.01	< 0.01	4.72	0.018	6.17	100.2	1.98						
14LAK054 Mag	22.15	1.39	43.58	0.199	21.95	0.34	< 0.01	0.01	0.02	< 0.01	2.79	0.023	6.13	99.75	1.17						
14LAK055 Mag	21.26	1.14	47.40	0.160	21.07	0.15	< 0.01	0.02	0.03	< 0.01	2.15	0.022	5.67	100.3	1.20						
14LAK056 Mag	22.00	1.29	44.63	0.164	21.75	0.32	0.01	0.04	0.02	< 0.01	2.42	0.023	6.03	99.95	1.25						
14LAK057 Mag	20.22	1.43	47.29	0.202	20.07	0.36	0.01	0.03	0.03	< 0.01	2.51	0.022	4.71	98.64	1.76						
14LAK058 Mag	18.91	0.82	49.88	0.175	20.48	0.01	< 0.01	0.06	0.02	< 0.01	3.90	0.019	5.14	99.93	0.516						
14LAK059 Mag	22.33	0.97	45.48	0.124	22.47	0.07	< 0.01	0.06	0.03	< 0.01	1.60	0.017	6.13	100.4	1.07						
14LAK060 Mag	19.63	1.12	46.14	0.216	20.55	0.21	0.01	0.03	0.02	< 0.01	4.80	0.025	5.57	99.12	0.802						
14LAK061 Mag	20.69	1.15	45.77	0.177	21.23	0.18	0.01	0.01	0.02	< 0.01	3.32	0.023	6.00	99.80	1.23						
14LAK062 Mag	26.69	0.65	34.33	0.140	27.39	< 0.01	< 0.01	0.01	0.01	< 0.01	2.28	0.018	8.15	100.2	0.494						
14MON084 Mag																					

QC

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Detection Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Analysis Method	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
CHR-PT+ Meas	21.90	7.38	14.36		27.81	0.22			0.06		19.65				0.599						
CHR-PT+ Cert	21.75	7.43	13.41		27.97	0.23			0.07		20.3				0.586						
DTS-2b Meas	39.40	0.49			49.06	0.13					2.26				0.380						
DTS-2b Cert	39.4	0.450			49.4	0.120					2.27				0.378						
Oreas 73a (Fusion) Meas	36.19	2.28			31.66										1.47						
Oreas 73a (Fusion) Cert	36.4	2.38			32.5										1.44						
Oreas 74a (Fusion) Meas	32.40	2.14			27.70										3.24						
Oreas 74a (Fusion) Cert	32.4	2.21			27.9										3.24						
AMIS 0129 Meas	9.97	2.84	62.41	0.352	2.09	0.85			23.10			0.486									
AMIS 0129 Cert	9.57	2.75	62.31	0.36	2.07	0.80			22.94			0.48									
14LAK043 Orig																30.0	3.131	26.632	10.4	29.763	0.82
14LAK043 Dup																30.0	3.088	26.542	10.3	29.630	1.25
14LAK058 Orig																30.0	1.456	28.006	4.9	29.463	1.81
14LAK058 Split																30.0	1.529	27.876	5.1	29.404	2.00
14MON084 Orig																30.0	0.020	29.540	0.1	29.560	1.48
14MON084 Dup																60.0	0.061	59.357	0.1	59.418	0.97
14LAK043 Mag Orig	23.69	0.86	44.66	0.210	22.69	0.05	< 0.01	0.01	0.04	< 0.01	1.63	0.019	6.27	100.5	0.325						
14LAK043 Mag Dup	23.73	0.87	44.60	0.211	22.76	0.05	< 0.01	0.01	0.04	< 0.01	1.63	0.019	6.28	100.5	0.324						
14LAK058 Mag Orig	18.91	0.82	49.88	0.175	20.48	0.01	< 0.01	0.06	0.02	< 0.01	3.90	0.019	5.14	99.93	0.516						
14LAK058 Mag Split	19.63	0.78	48.21	0.174	21.08	0.01	< 0.01	0.05	0.02	< 0.01	3.80	0.020	5.44	99.74	0.523						
Method Blank	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.003	-0.01	< 0.01	< 0.003						

Date Submitted: 26-Sep-14
Invoice No.: A14-06969 (i)
Invoice Date: 31-Oct-14
Your Reference: 780A

First Point Minerals Corp
Suite 200
1155 West Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: Marie-des-Neiges Gagnon

CERTIFICATE OF ANALYSIS

270 Core samples were submitted for analysis.

The following analytical package was requested: Code 4C (11+)-Kamloops Whole Rock Analysis-XRF

REPORT A14-06969 (i)

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502001																30.0	1.981	27.728	6.6	29.709	1.01
R502002																30.4	2.594	27.373	8.5	29.967	1.48
R502003																30.0	2.487	27.181	8.3	29.668	1.13
R502004																30.1	1.834	27.849	6.1	29.684	1.26
R502005																30.1	2.486	27.225	8.3	29.711	1.39
R502006																30.0	1.930	27.888	6.4	29.818	0.75
R502007																30.1	2.055	27.627	6.8	29.681	1.23
R502008																30.0	2.434	27.285	8.1	29.719	1.06
R502009																30.1	2.488	27.285	8.3	29.773	1.02
R502010																30.0	2.355	27.283	7.8	29.639	1.23
R502011																30.0	2.441	27.129	8.1	29.569	1.46
R502012																30.0	2.557	27.165	8.5	29.722	0.97
R502013																30.0	2.875	26.815	9.6	29.690	1.11
R502014																30.0	2.720	26.867	9.1	29.588	1.47
R502015																30.1	1.890	27.754	6.3	29.644	1.37
R502016																30.0	2.007	27.655	6.7	29.662	1.25
R502017																30.0	2.979	26.784	9.9	29.763	0.90
R502018																30.0	2.638	27.099	8.8	29.737	0.94
R502019																30.1	2.110	27.714	7.0	29.824	0.81
R502020																29.8	1.610	27.702	5.4	29.312	1.74
R502021																30.0	1.866	27.582	6.2	29.448	1.85
R502022																30.1	2.231	27.528	7.4	29.758	1.06
R502023																30.1	2.236	27.474	7.4	29.711	1.25
R502024																30.0	2.027	27.616	6.8	29.643	1.20
R502025																30.0	1.855	27.866	6.2	29.720	0.97
R502026																30.0	2.026	27.622	6.8	29.648	1.18
R502027																30.0	2.169	27.535	7.2	29.704	1.11
R502028																30.0	2.337	27.158	7.8	29.495	1.70
R502029																30.0	2.075	27.631	6.9	29.706	1.09
R502030																30.1	2.326	27.310	7.7	29.637	1.40
R502031																30.0	2.622	27.159	8.7	29.781	0.87
R502032																30.0	2.083	27.639	6.9	29.722	0.98
R502033																30.0	1.719	27.991	5.7	29.711	0.98
R502034																30.1	2.497	27.239	8.3	29.736	1.08
R502035																30.1	2.772	27.046	9.2	29.818	0.84
R502036																30.0	3.351	26.364	11.2	29.716	0.96
R502037																30.0	2.785	26.972	9.3	29.757	0.83
R502038																30.0	2.918	26.793	9.7	29.711	0.99
R502039																30.0	2.223	27.763	7.4	29.986	0.06
R502040																30.0	1.612	28.345	5.4	29.958	0.15
R502041																30.0	2.727	27.280	9.1	30.007	0.01
R502042																30.0	1.849	28.141	6.2	29.990	0.05
R502043																30.0	2.523	27.532	8.4	30.056	-0.15
R502044																30.0	2.401	27.601	8.0	30.002	0.03
R502045																30.0	2.667	27.280	8.9	29.946	0.21
R502046																30.0	2.370	27.564	7.9	29.934	0.23

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502047																30.0	2.361	27.514	7.9	29.875	0.44
R502048																30.0	2.430	27.406	8.1	29.836	0.57
R502049																30.0	2.437	27.545	8.1	29.982	0.07
R502050																30.0	3.314	26.447	11.0	29.761	0.84
R502051																30.0	2.219	27.802	7.4	30.021	-0.06
R502052																30.0	2.991	27.053	10.0	30.044	-0.11
R502053																30.0	2.266	27.632	7.6	29.897	0.36
R502054																30.0	1.749	28.147	5.8	29.896	0.42
R502055																30.0	3.522	26.498	11.7	30.020	-0.05
R502056																30.0	2.262	27.767	7.5	30.029	-0.07
R502057																30.0	2.808	27.098	9.4	29.907	0.33
R502058																30.0	2.600	27.308	8.7	29.907	0.32
R502059																30.0	3.256	26.684	10.9	29.940	0.21
R502060																30.0	1.629	28.317	5.4	29.947	0.23
R502061																30.0	1.847	27.962	6.2	29.809	0.64
R502062																30.0	2.255	27.475	7.5	29.730	0.92
R502063																30.0	2.496	27.240	8.3	29.736	0.91
R502064																30.0	3.041	26.739	10.1	29.780	0.76
R502065																30.0	1.804	27.947	6.0	29.751	0.84
R502066																30.0	2.122	27.478	7.1	29.600	1.32
R502067																30.0	1.666	27.862	5.6	29.528	1.60
R502068																30.0	2.478	26.894	8.3	29.372	2.11
R502069																30.0	2.541	26.930	8.5	29.471	1.81
R502070																30.0	1.838	27.736	6.1	29.573	1.46
R502071																30.0	2.940	26.667	9.8	29.607	1.34
R502072																30.0	1.896	28.046	6.3	29.941	0.21
R502073																30.0	2.860	26.835	9.5	29.695	1.03
R502074																30.0	2.508	26.921	8.4	29.429	1.97
R502075																30.0	0.782	28.751	2.6	29.533	1.59
R502076																30.0	0.749	28.701	2.5	29.450	1.88
R502077																30.0	1.555	28.248	5.2	29.802	0.70
R502078																30.0	2.726	27.151	9.1	29.877	0.53
R502079																30.0	1.666	28.133	5.6	29.799	0.70
R502080																30.0	1.578	28.348	5.3	29.926	0.28
R502081																30.0	2.369	27.454	7.9	29.823	0.75
R502082																30.0	1.597	28.018	5.3	29.615	1.30
R502083																30.0	1.763	27.789	5.9	29.552	1.59
R502084																30.0	1.960	27.648	6.5	29.608	1.45
R502085																30.1	2.032	27.533	6.8	29.564	1.62
R502086																30.0	2.558	27.044	8.5	29.602	1.38
R502087																30.0	1.952	27.822	6.5	29.773	0.88
R502088																30.0	2.916	26.471	9.7	29.387	2.05
R502089																30.0	1.581	28.162	5.3	29.743	0.99
R502090																30.0	1.876	28.047	6.2	29.923	0.38
R502001Mag	13.15	0.17	61.25	0.152	16.19	< 0.01	< 0.01	< 0.01	0.01	< 0.01	2.96	0.022	3.20	98.58	1.48						
R502002Mag	18.36	0.23	49.25	0.157	22.56	0.03	< 0.01	< 0.01	0.01	< 0.01	2.47	0.017	5.80	99.95	1.07						
R502003Mag	20.36	0.32	45.87	0.162	23.37	< 0.01	< 0.01	< 0.01	0.01	< 0.01	2.54	0.018	5.59	99.29	1.06						
R502004Mag	8.95	0.36	75.26	0.162	10.37	0.01	< 0.01	< 0.01	0.01	< 0.01	3.01	0.029	0.51	99.93	1.26						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502005Mag	18.00	0.43	50.24	0.135	20.89	0.01	< 0.01	< 0.01	0.01	< 0.01	2.46	0.017	5.12	98.56	1.25						
R502006Mag	13.11	0.32	67.30	0.167	13.67	0.08	< 0.01	< 0.01	0.01	< 0.01	2.40	0.030	2.51	100.5	0.876						
R502007Mag	12.82	0.44	66.64	0.155	12.86	< 0.01	< 0.01	< 0.01	0.01	< 0.01	2.84	0.023	2.48	99.13	0.868						
R502008Mag	15.69	0.33	62.32	0.153	15.47	0.01	< 0.01	< 0.01	0.01	< 0.01	2.10	0.021	3.53	100.3	0.697						
R502009Mag	16.96	0.36	53.97	0.147	19.59	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	2.66	0.020	4.26	99.39	1.44						
R502010Mag	15.71	0.25	56.51	0.158	19.36	< 0.01	< 0.01	< 0.01	0.01	< 0.01	2.68	0.021	3.88	100.3	1.70						
R502011Mag	17.34	0.29	53.83	0.171	18.66	0.03	< 0.01	< 0.01	0.01	< 0.01	2.62	0.016	4.66	99.13	1.51						
R502012Mag	20.14	0.32	48.83	0.183	22.10	< 0.01	< 0.01	< 0.01	0.01	< 0.01	2.48	0.019	5.02	100.5	1.43						
R502013Mag	21.92	0.33	45.65	0.176	22.16	0.20	< 0.01	< 0.01	0.01	< 0.01	2.04	0.018	5.84	99.48	1.13						
R502014Mag	22.50	0.58	43.03	0.158	23.61	0.14	< 0.01	< 0.01	0.02	< 0.01	1.94	0.021	6.52	99.78	1.26						
R502015Mag	17.00	0.55	56.40	0.256	16.85	0.10	< 0.01	< 0.01	0.02	< 0.01	2.78	0.024	3.91	99.27	1.38						
R502016Mag	17.99	0.92	53.31	0.253	19.01	0.08	< 0.01	< 0.01	0.02	< 0.01	2.71	0.023	4.60	100.4	1.50						
R502017Mag	20.34	0.59	48.00	0.282	21.14	0.13	< 0.01	< 0.01	0.02	< 0.01	1.68	0.021	5.48	98.52	0.836						
R502018Mag	19.06	0.62	53.17	0.233	19.52	0.31	< 0.01	< 0.01	0.03	< 0.01	1.67	0.023	4.65	100.3	1.02						
R502019Mag	16.71	0.71	56.84	0.205	16.96	0.25	< 0.01	< 0.01	0.02	< 0.01	1.97	0.022	4.33	99.06	1.04						
R502020Mag	9.98	0.49	72.95	0.188	10.99	0.21	< 0.01	< 0.01	0.01	< 0.01	2.14	0.025	1.48	99.89	1.43						
R502021Mag	15.50	0.86	59.23	0.355	15.49	0.39	< 0.01	< 0.01	0.03	< 0.01	2.26	0.025	3.74	98.67	0.793						
R502022Mag	15.72	0.67	60.88	0.175	15.88	0.17	< 0.01	< 0.01	0.03	< 0.01	1.84	0.027	3.54	100.0	1.08						
R502023Mag	17.13	0.76	56.60	0.108	16.97	0.25	< 0.01	< 0.01	0.03	< 0.01	1.65	0.023	4.79	98.77	0.459						
R502024Mag	14.78	0.66	63.43	0.178	14.80	0.18	< 0.01	< 0.01	0.03	< 0.01	2.02	0.026	3.08	100.2	1.03						
R502025Mag	11.98	0.40	71.14	0.192	11.16	0.10	< 0.01	< 0.01	0.04	< 0.01	2.25	0.029	2.14	100.6	1.13						
R502026Mag	16.81	0.60	58.64	0.180	16.94	0.18	< 0.01	< 0.01	0.03	< 0.01	1.85	0.026	3.43	100.2	1.51						
R502027Mag	17.57	0.61	56.62	0.195	17.78	0.23	< 0.01	< 0.01	0.03	< 0.01	1.78	0.024	4.04	100.2	1.31						
R502028Mag	19.09	0.66	53.47	0.175	19.20	0.29	< 0.01	< 0.01	0.03	< 0.01	1.71	0.024	4.57	100.1	0.900						
R502029Mag	16.79	0.65	58.85	0.145	16.78	0.22	< 0.01	< 0.01	0.04	< 0.01	1.91	0.025	3.88	100.2	0.944						
R502030Mag	20.95	0.68	48.14	0.181	20.77	0.46	< 0.01	< 0.01	0.03	< 0.01	1.51	0.020	5.19	99.05	1.12						
R502031Mag	21.20	0.89	48.04	0.197	21.04	0.37	< 0.01	< 0.01	0.03	< 0.01	1.54	0.020	5.22	99.89	1.35						
R502032Mag	19.80	0.76	51.53	0.197	19.38	0.60	< 0.01	< 0.01	0.03	< 0.01	2.26	0.023	4.07	100.3	1.67						
R502033Mag	18.43	0.74	54.22	0.206	18.12	0.49	< 0.01	< 0.01	0.04	< 0.01	2.43	0.024	3.45	100.1	1.99						
R502034Mag	23.40	0.99	41.72	0.179	23.95	0.59	< 0.01	< 0.01	0.03	< 0.01	1.45	0.021	6.06	99.83	1.44						
R502035Mag	21.11	0.81	47.69	0.173	21.84	0.43	< 0.01	< 0.01	0.03	< 0.01	1.44	0.022	5.22	100.2	1.42						
R502036Mag	25.11	0.99	39.72	0.163	24.96	0.35	< 0.01	< 0.01	0.03	< 0.01	1.23	0.019	6.38	100.0	1.09						
R502037Mag	25.30	1.02	38.87	0.213	25.19	0.25	< 0.01	< 0.01	0.02	< 0.01	1.90	0.021	6.31	100.4	1.34						
R502038Mag	23.34	1.02	42.34	0.196	23.18	0.24	< 0.01	< 0.01	0.02	< 0.01	1.69	0.020	6.42	99.52	1.05						
R502039Mag	24.09	1.08	40.83	0.183	24.09	0.28	< 0.01	< 0.01	0.03	< 0.01	1.67	0.020	6.40	100.1	1.46						
R502040Mag	21.51	0.69	46.85	0.220	21.23	0.13	< 0.01	< 0.01	0.03	< 0.01	2.94	0.022	4.27	98.86	0.972						
R502041Mag	22.74	0.79	43.31	0.162	22.89	0.18	< 0.01	< 0.01	0.03	< 0.01	1.26	0.022	5.95	98.67	1.33						
R502042Mag	21.82	0.73	44.54	0.212	22.19	0.14	< 0.01	< 0.01	0.02	< 0.01	2.48	0.021	6.18	100.1	1.77						
R502043Mag	22.02	0.63	45.60	0.162	22.55	0.20	< 0.01	< 0.01	0.02	< 0.01	1.66	0.022	5.77	99.76	1.13						
R502044Mag	21.33	0.74	47.80	0.174	21.61	0.39	< 0.01	< 0.01	0.03	< 0.01	1.65	0.022	4.75	99.77	1.28						
R502045Mag	21.60	0.86	46.70	0.173	21.75	0.45	< 0.01	< 0.01	0.03	< 0.01	1.52	0.021	4.99	99.19	1.09						
R502046Mag	21.62	0.40	48.82	0.142	21.81	0.08	< 0.01	< 0.01	0.02	< 0.01	1.56	0.016	5.64	100.8	0.684						
R502047Mag	23.75	0.61	42.07	0.129	23.58	< 0.01	< 0.01	< 0.01	0.01	< 0.01	1.82	0.014	7.20	99.91	0.733						
R502048Mag	24.57	0.59	39.36	0.210	25.21	0.12	< 0.01	< 0.01	0.01	< 0.01	1.82	0.010	7.54	100.1	0.647						
R502049Mag	24.76	0.72	39.98	0.180	24.71	0.16	< 0.01	< 0.01	0.02	< 0.01	2.08	0.016	7.44	100.7	0.653						
R502050Mag	25.98	0.85	37.10	0.140	25.56	0.11	< 0.01	< 0.01	0.01	< 0.01	1.54	0.018	8.10	99.85	0.451						
R502051Mag	20.96	0.53	48.40	0.204	20.80	0.03	< 0.01	< 0.01	0.02	< 0.01	2.77	0.021	5.83	100.2	0.692						
R502052Mag	19.47	0.56	52.22	0.127	19.38	0.07	< 0.01	< 0.01	0.02	< 0.01	1.69	0.025	5.62	99.80	0.622						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502053Mag	20.48	0.80	49.83	0.191	20.59	0.34	< 0.01	< 0.01	0.03	< 0.01	2.02	0.021	4.86	100.2	1.06						
R502054Mag	22.54	1.60	43.95	0.192	22.41	0.98	< 0.01	< 0.01	0.04	< 0.01	2.78	0.027	4.32	100.4	1.57						
R502055Mag	26.45	0.78	36.67	0.138	26.61	0.18	< 0.01	< 0.01	0.02	< 0.01	1.53	0.017	7.54	100.5	0.560						
R502056Mag	26.85	1.14	34.14	0.203	27.13	0.44	< 0.01	< 0.01	0.02	< 0.01	2.01	0.018	6.71	100.0	1.38						
R502057Mag	27.62	1.21	33.12	0.127	27.63	0.21	< 0.01	< 0.01	0.02	< 0.01	1.44	0.020	7.43	99.90	1.07						
R502058Mag	28.11	1.17	31.09	0.188	28.23	0.14	< 0.01	< 0.01	0.03	< 0.01	1.83	0.015	7.94	99.83	1.09						
R502059Mag	25.75	0.93	38.04	0.112	26.02	0.04	< 0.01	< 0.01	0.03	< 0.01	1.32	0.017	6.80	99.78	0.717						
R502060Mag	10.37	0.49	72.41	0.190	11.01	0.21	< 0.01	< 0.01	0.01	< 0.01	2.21	0.023	1.48	99.84	1.43						
R502061Mag	23.97	0.97	38.84	0.209	24.39	0.49	< 0.01	< 0.01	0.03	< 0.01	2.74	0.020	5.82	99.08	1.61						
R502062Mag	24.91	1.06	39.27	0.164	24.12	0.12	< 0.01	< 0.01	0.03	< 0.01	2.23	0.016	6.72	99.78	1.14						
R502063Mag	26.43	1.12	34.64	0.160	26.73	0.15	< 0.01	< 0.01	0.02	< 0.01	1.88	0.018	7.55	99.62	0.923						
R502064Mag	26.08	1.01	37.87	0.140	25.71	0.03	< 0.01	< 0.01	0.03	< 0.01	1.50	0.018	7.40	100.3	0.512						
R502065Mag	20.52	1.11	46.76	0.237	20.38	0.47	< 0.01	< 0.01	0.03	< 0.01	2.96	0.026	4.69	98.73	1.54						
R502066Mag	25.43	1.23	37.93	0.193	25.18	0.58	< 0.01	< 0.01	0.03	< 0.01	2.34	0.022	6.17	100.2	1.10						
R502067Mag	27.26	1.64	34.17	0.265	27.03	1.78	< 0.01	< 0.01	0.04	< 0.01	3.28	0.031	3.37	100.1	1.24						
R502068Mag	23.45	0.96	43.29	0.185	23.47	0.10	< 0.01	< 0.01	0.03	< 0.01	1.46	0.023	6.69	100.1	0.438						
R502069Mag	25.27	1.16	37.33	0.209	25.16	0.48	< 0.01	< 0.01	0.03	< 0.01	2.35	0.022	6.74	99.80	1.05						
R502070Mag	20.65	1.31	49.14	0.179	20.59	0.54	< 0.01	< 0.01	0.04	< 0.01	2.58	0.028	4.18	100.6	1.34						
R502071Mag	27.61	1.73	33.81	0.156	27.45	0.49	< 0.01	< 0.01	0.04	< 0.01	1.85	0.021	6.82	100.8	0.773						
R502072Mag	24.38	1.89	40.15	0.169	24.18	0.69	< 0.01	< 0.01	0.05	< 0.01	2.64	0.026	5.53	100.6	0.927						
R502073Mag	23.73	1.24	39.82	0.171	24.87	0.52	< 0.01	< 0.01	0.03	< 0.01	1.97	0.020	7.33	100.4	0.743						
R502074Mag	25.82	0.57	35.11	0.213	25.90	1.93	< 0.01	< 0.01	0.02	< 0.01	3.61	0.024	6.04	100.4	1.14						
R502075Mag	22.85	1.45	37.14	0.202	22.54	0.82	< 0.01	< 0.01	0.06	< 0.01	6.15	0.041	8.49	100.1	0.329						
R502076Mag	24.28	2.71	33.81	0.203	24.19	0.53	< 0.01	< 0.01	0.10	< 0.01	6.32	0.039	7.56	100.1	0.312						
R502077Mag	25.41	1.92	34.95	0.188	24.90	0.74	< 0.01	< 0.01	0.06	< 0.01	3.21	0.024	8.15	99.96	0.408						
R502078Mag	26.37	1.53	36.57	0.146	25.75	0.54	< 0.01	< 0.01	0.04	< 0.01	1.76	0.018	6.91	100.3	0.677						
R502079Mag	21.61	2.06	44.43	0.202	21.96	0.54	< 0.01	< 0.01	0.06	< 0.01	3.23	0.032	4.87	100.0	1.03						
R502080Mag	10.17	0.51	72.46	0.187	10.86	0.19	< 0.01	< 0.01	0.01	< 0.01	2.29	0.024	1.47	99.61	1.44						
R502081Mag	23.70	1.64	42.11	0.159	23.37	0.40	< 0.01	< 0.01	0.05	< 0.01	2.32	0.025	5.85	100.2	0.527						
R502082Mag	26.55	2.13	34.83	0.224	26.65	0.98	< 0.01	< 0.01	0.07	< 0.01	3.14	0.029	4.81	100.00	0.585						
R502083Mag	23.23	1.77	42.75	0.202	23.02	0.63	< 0.01	< 0.01	0.05	< 0.01	2.94	0.027	5.13	100.6	0.818						
R502084Mag	23.46	1.76	42.78	0.195	23.43	0.49	< 0.01	< 0.01	0.06	< 0.01	2.58	0.026	5.30	100.6	0.544						
R502085Mag	25.22	1.84	37.40	0.207	25.85	0.42	< 0.01	< 0.01	0.06	< 0.01	2.75	0.027	5.65	100.0	0.581						
R502086Mag	24.83	1.14	37.97	0.200	25.25	0.46	< 0.01	< 0.01	0.04	< 0.01	2.75	0.027	6.22	99.70	0.815						
R502087Mag	23.51	1.16	41.36	0.271	23.77	0.99	< 0.01	< 0.01	0.04	< 0.01	3.72	0.035	4.61	100.3	0.849						
R502088Mag	28.02	1.76	32.66	0.208	28.31	0.87	< 0.01	< 0.01	0.06	< 0.01	2.09	0.023	5.84	100.3	0.425						
R502089Mag	25.51	1.85	37.55	0.252	26.52	0.51	< 0.01	< 0.01	0.08	< 0.01	3.43	0.033	3.97	100.2	0.540						
R502090Mag	23.90	1.73	40.92	0.276	24.64	0.35	< 0.01	< 0.01	0.08	< 0.01	3.13	0.028	4.88	100.3	0.416						

QC

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
CHR-PT+ Meas	21.80	7.46	13.98	0.152	27.86	0.22			0.06		19.93				0.591						
CHR-PT+ Cert	21.75	7.43	13.41	0.15	27.97	0.23			0.07		20.3				0.586						
DTS-2b Meas	39.37	0.46			49.12	0.12					2.30				0.375						
DTS-2b Cert	39.4	0.450			49.4	0.120					2.27				0.378						
Oreas 73a (Fusion) Meas	36.75	2.45			32.45										1.44						
Oreas 73a (Fusion) Cert	36.4	2.38			32.5										1.44						
Oreas 74a (Fusion) Meas	32.25	2.19			27.98										3.24						
Oreas 74a (Fusion) Cert	32.4	2.21			27.9										3.24						
AMIS 0129 Meas	9.89	2.79	62.20	0.357	2.11	0.85			23.09			0.482									
AMIS 0129 Cert	9.57	2.75	62.31	0.36	2.07	0.80			22.94			0.48									
R502030 Orig																30.1	2.326	27.310	7.7	29.637	1.40
R502030 Split																30.0	2.317	27.400	7.7	29.717	1.03
R502030 Orig																30.0	2.288	27.254	7.6	29.542	1.67
R502030 Dup																30.1	2.365	27.367	7.9	29.732	1.13
R502061 Orig																30.0	1.847	27.962	6.2	29.809	0.64
R502061 Split																30.0	1.780	27.784	5.9	29.564	1.53
R502090 Orig																30.0	1.876	28.047	6.2	29.923	0.38
R502090 Split																30.0	1.804	27.460	6.0	29.264	2.49
R502090 Orig																30.1	1.920	28.092	6.4	30.011	0.16
R502090 Dup																30.0	1.832	28.002	6.1	29.835	0.59
R502030Mag Orig	20.95	0.68	48.14	0.181	20.77	0.46	< 0.01	< 0.01	0.03	< 0.01	1.51	0.020	5.19	99.05	1.12						
R502030Mag Split	21.38	0.70	48.81	0.180	20.38	0.46	< 0.01	< 0.01	0.03	< 0.01	1.55	0.021	5.23	99.87	1.13						
R502030Mag Orig	21.00	0.68	48.41	0.181	20.82	0.46	< 0.01	< 0.01	0.03	< 0.01	1.50	0.019	5.09	99.31	1.12						
R502030Mag Dup	20.91	0.67	47.87	0.181	20.72	0.46	< 0.01	< 0.01	0.03	< 0.01	1.53	0.021	5.29	98.79	1.11						
R502061Mag Orig	23.97	0.97	38.84	0.209	24.39	0.49	< 0.01	< 0.01	0.03	< 0.01	2.74	0.020	5.82	99.08	1.61						
R502061Mag Split	23.91	1.04	39.47	0.213	24.21	0.44	< 0.01	< 0.01	0.03	< 0.01	2.77	0.022	5.78	99.51	1.63						
R502090Mag Orig	23.90	1.73	40.92	0.276	24.64	0.35	< 0.01	< 0.01	0.08	< 0.01	3.13	0.028	4.88	100.3	0.416						
R502090Mag Split	23.32	1.59	41.60	0.281	24.00	0.31	< 0.01	< 0.01	0.08	< 0.01	3.22	0.029	4.88	99.73	0.424						
R502090Mag Orig	24.08	1.71	40.84	0.267	24.79	0.36	< 0.01	< 0.01	0.08	< 0.01	3.02	0.027	4.88	100.5	0.410						
R502090Mag Dup	23.72	1.75	40.99	0.286	24.48	0.33	< 0.01	< 0.01	0.08	< 0.01	3.23	0.029	4.88	100.2	0.422						
Method Blank	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.003	-0.01	< 0.01	< 0.003						

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted:	02-Oct-14
Invoice No.:	A14-07242 (i)
Invoice Date:	30-Oct-14
Your Reference:	780

First Point Minerals Corp
Suite 200 - 1155 Wes
Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: Trevor Rabb

CERTIFICATE OF ANALYSIS

309 Core samples were submitted for analysis.

The following analytical package was requested: Code 4C (11+)-Kamloops Whole Rock Analysis-XRF

REPORT **A14-07242 (i)**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502090(missing)																					
R502091																30.0	1.199	28.737	4.0	29.936	0.27
R502092																30.0	1.741	27.983	5.8	29.724	0.93
R502093																30.0	0.994	28.592	3.3	29.586	1.41
R502094																30.0	1.842	28.053	6.1	29.894	0.49
R502095																30.0	1.708	28.284	5.7	29.992	0.15
R502096																30.0	1.679	27.832	5.6	29.511	1.65
R502097																30.0	1.376	28.309	4.6	29.684	1.08
R502098																30.0	1.292	28.392	4.3	29.684	1.09
R502099																30.0	2.173	27.574	7.2	29.747	0.87
R502100																30.0	1.617	28.370	5.4	29.986	0.18
R502101																30.0	2.355	27.292	7.8	29.647	1.19
R502102																30.0	2.451	27.006	8.2	29.457	1.85
R502103																30.0	1.651	27.967	5.5	29.617	1.29
R502104																30.0	2.533	27.048	8.4	29.582	1.44
R502105																30.0	2.219	27.423	7.4	29.642	1.27
R502106																30.0	2.639	26.788	8.8	29.427	1.92
R502107																30.0	1.870	27.521	6.2	29.391	2.05
R502108																30.0	1.664	27.954	5.5	29.618	1.33
R502109																30.0	1.988	27.789	6.6	29.777	0.82
R502110																30.0	1.230	28.698	4.1	29.928	0.28
R502111																30.0	1.242	28.487	4.1	29.730	0.92
R502112																30.0	1.872	27.708	6.2	29.580	1.43
R502113																30.0	1.244	28.464	4.1	29.708	1.01
R502114																30.0	1.564	28.229	5.2	29.792	0.73
R502115																30.0	2.253	27.580	7.5	29.833	0.59
R502116																30.0	1.056	28.600	3.5	29.656	1.15
R502117																30.0	1.321	28.512	4.4	29.833	0.57
R502118																30.0	1.250	28.708	4.2	29.958	0.16
R502119																30.0	1.418	28.299	4.7	29.717	1.01
R502120																30.0	1.783	28.184	5.9	29.968	0.19
R502121																30.0	2.036	27.798	6.8	29.834	0.60
R502122																30.0	1.890	27.941	6.3	29.831	0.57
R502123																30.0	2.300	27.689	7.7	29.989	0.06
R502124																30.0	2.981	26.857	9.9	29.838	0.61
R502125																30.0	3.080	26.786	10.3	29.866	0.49
R502126																30.0	3.410	26.450	11.4	29.860	0.52
R502127																30.1	2.770	27.158	9.2	29.928	0.45
R502128																30.0	2.546	27.287	8.5	29.832	0.57
R502129																30.0	2.540	27.225	8.5	29.765	0.83
R502130																30.0	2.626	27.228	8.8	29.854	0.49
R502131																30.0	1.558	28.265	5.2	29.823	0.61
R502132																30.0	2.942	26.890	9.8	29.832	0.61
R502133																30.0	2.631	27.106	8.8	29.738	0.88
R502134																30.0	2.444	27.327	8.1	29.771	0.81
R502135																30.0	2.478	27.249	8.3	29.727	0.95

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502136																30.0	2.432	27.352	8.1	29.784	0.82
R502137																30.0	2.140	27.619	7.1	29.759	0.82
R502138																30.0	2.335	27.493	7.8	29.828	0.63
R502139																30.0	2.720	27.066	9.1	29.786	0.86
R502140																30.0	3.593	26.237	12.0	29.830	0.70
R502141																30.0	1.656	27.909	5.5	29.565	1.53
R502142																30.0	2.603	27.168	8.7	29.771	0.82
R502143																30.0	2.733	26.951	9.1	29.684	1.09
R502144																30.0	2.298	27.514	7.7	29.812	0.69
R502145																30.0	2.734	27.010	9.1	29.745	0.87
R502146																30.0	2.332	27.399	7.8	29.731	0.99
R502147																30.0	2.665	27.081	8.9	29.746	0.88
R502148																30.0	3.074	26.644	10.2	29.719	1.01
R502149																30.0	2.608	27.124	8.7	29.732	0.96
R502150																30.0	3.506	26.283	11.7	29.789	0.76
R502151																30.0	3.140	26.476	10.5	29.616	1.35
R502152																30.0	2.780	26.957	9.3	29.737	0.92
R502153																30.0	3.122	26.617	10.4	29.739	0.90
R502154																30.0	2.941	26.798	9.8	29.738	0.97
R502155																30.0	2.805	27.012	9.3	29.817	0.76
R502156																30.0	2.951	26.796	9.8	29.747	0.98
R502157																30.0	2.716	27.060	9.0	29.775	0.81
R502158																30.0	1.960	27.807	6.5	29.767	0.79
R502159																30.0	1.975	27.767	6.6	29.742	0.87
R502160																30.0	1.925	28.010	6.4	29.935	0.30
R502161																30.0	1.959	27.785	6.5	29.744	0.88
R502162																30.0	2.066	27.714	6.9	29.780	0.82
R502163																30.0	3.057	26.736	10.2	29.793	0.73
R502164																30.0	2.604	27.094	8.7	29.698	1.05
R502165																30.0	2.480	27.381	8.3	29.861	0.51
R502166																30.0	2.701	27.094	9.0	29.795	0.71
R502167																30.0	3.007	26.772	10.0	29.780	0.74
R502168																30.0	2.867	26.729	9.5	29.596	1.42
R502169																30.0	2.463	27.647	8.2	30.110	-0.27
R502170																30.0	2.349	27.599	7.8	29.948	0.25
R502171																30.0	2.084	27.750	6.9	29.834	0.62
R502172																30.0	2.293	27.577	7.6	29.870	0.46
R502173																30.0	2.678	27.154	8.9	29.831	0.58
R502174																30.0	3.284	26.505	10.9	29.789	0.83
R502175																30.0	2.996	26.770	10.0	29.765	0.80
R502176																30.0	3.072	26.620	10.2	29.692	1.05
R502177																30.0	2.622	27.171	8.7	29.793	0.76
R502178																30.0	2.371	27.403	7.9	29.774	0.79
R502179																30.0	2.933	26.910	9.8	29.843	0.58
R502180																30.0	2.997	26.836	10.0	29.833	0.60
R502181																30.0	1.799	27.946	6.0	29.744	0.86
R502182																30.0	2.969	26.909	9.9	29.878	0.52
R502183																30.0	2.526	27.270	8.4	29.796	0.78

Analyte Symbol	SiO_2	Al_2O_3	Fe_2O_3(T)	MnO	MgO	CaO	Na_2O	K_2O	TiO_2	P_2O_5	Cr_2O_3	V_2O_5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502184																30.0	2.694	27.095	9.0	29.789	0.70
R502185																30.0	3.093	26.889	10.3	29.982	0.08
R502186																30.0	2.328	27.569	7.8	29.897	0.44
R502187																30.0	2.451	27.467	8.2	29.918	0.28
R502188																30.0	2.541	27.328	8.5	29.869	0.50
R502189																30.0	2.292	27.398	7.6	29.690	1.08
R502190																30.0	2.465	27.274	8.2	29.739	0.94
R502191																30.0	2.612	27.185	8.7	29.797	0.70
R502192																30.0	1.902	27.980	6.3	29.882	0.47
R502091Mag	24.20	2.75	38.69	0.241	25.29	0.53	< 0.01	0.02	0.10	0.04	4.02	0.040	3.89	100.4	0.585						
R502092Mag	23.46	1.97	42.04	0.211	23.97	0.28	< 0.01	0.04	0.08	0.04	3.38	0.031	4.41	100.6	0.671						
R502093Mag	18.95	2.08	49.00	0.246	19.99	0.23	< 0.01	0.07	0.09	0.04	4.95	0.045	2.61	99.11	0.816						
R502094Mag	21.37	1.86	46.32	0.221	22.02	0.38	< 0.01	0.07	0.07	0.04	3.07	0.033	3.60	99.80	0.743						
R502095Mag	17.16	1.32	55.20	0.249	17.51	0.12	< 0.01	0.05	0.05	0.04	3.03	0.027	3.89	99.59	0.941						
R502096Mag	16.56	1.15	57.74	0.241	16.82	0.11	< 0.01	0.01	0.04	0.04	2.96	0.031	3.78	100.4	0.883						
R502097Mag	15.55	1.20	58.00	0.236	15.98	0.12	< 0.01	0.02	0.08	0.04	3.59	0.030	3.07	98.98	1.06						
R502098Mag	18.33	1.77	52.75	0.263	19.13	0.25	< 0.01	0.09	0.09	0.04	3.99	0.037	2.64	100.0	0.661						
R502099Mag	24.76	1.75	40.08	0.216	25.64	0.55	< 0.01	0.02	0.07	0.04	2.44	0.030	4.15	100.2	0.417						
R502100Mag	17.92	0.48	57.27	0.189	17.49	0.09	< 0.01	0.03	0.03	< 0.01	1.74	0.017	4.21	100.0	0.573						
R502101Mag	20.78	1.20	49.11	0.216	20.96	0.23	< 0.01	0.03	0.05	0.04	2.54	0.026	4.71	100.4	0.467						
R502102Mag	22.99	1.62	44.69	0.242	23.09	0.52	< 0.01	< 0.01	0.05	0.04	2.31	0.029	4.67	100.7	0.415						
R502103Mag	15.99	1.24	56.86	0.240	16.38	0.40	< 0.01	< 0.01	0.04	0.04	3.33	0.031	3.17	98.65	0.938						
R502104Mag	26.03	0.85	35.21	0.139	27.60	0.02	< 0.01	0.06	0.01	0.04	1.52	0.015	8.29	100.7	0.938						
R502105Mag	21.14	0.86	45.77	0.141	22.13	0.07	< 0.01	0.04	0.03	0.04	2.28	0.018	5.72	99.56	1.32						
R502106Mag	24.38	0.99	39.62	0.121	24.64	0.13	< 0.01	0.02	0.02	0.04	1.69	0.016	7.07	100.0	1.27						
R502107Mag	23.14	0.85	37.54	0.217	25.67	< 0.01	< 0.01	0.03	0.03	0.04	2.89	0.016	7.56	99.50	1.51						
R502108Mag	17.41	0.98	52.67	0.268	18.55	0.37	< 0.01	0.07	0.05	0.04	3.76	0.028	3.53	98.84	1.12						
R502109Mag	24.34	1.61	40.30	0.227	25.84	0.62	< 0.01	0.02	0.07	0.04	3.02	0.028	3.58	100.2	0.491						
R502110Mag	17.39	0.76	54.22	0.250	19.53	0.21	< 0.01	0.09	0.05	0.03	4.33	0.035	1.13	98.80	0.776						
R502111Mag	15.05	1.23	59.77	0.290	16.25	0.28	< 0.01	0.04	0.09	0.04	4.96	0.049	0.98	99.72	0.696						
R502112Mag	26.65	1.47	35.75	0.213	28.96	0.42	< 0.01	0.01	0.07	0.04	3.12	0.024	3.18	100.3	0.420						
R502113Mag	21.43	1.37	47.85	0.263	22.31	0.28	< 0.01	0.04	0.10	0.04	3.68	0.033	1.91	99.88	0.578						
R502114Mag	20.85	0.98	49.42	0.171	23.50	0.19	< 0.01	0.03	0.02	0.04	2.54	0.024	1.58	99.94	0.601						
R502115Mag	23.39	1.23	43.04	0.243	25.04	0.38	< 0.01	0.01	0.07	0.04	2.87	0.027	2.84	99.74	0.558						
R502116Mag	19.70	1.24	49.52	0.307	21.59	0.28	< 0.01	0.09	0.12	0.04	5.05	0.041	1.06	99.79	0.751						
R502117Mag	19.76	1.47	49.14	0.274	21.49	0.18	< 0.01	0.06	0.10	0.04	4.22	0.035	2.17	99.60	0.651						
R502118Mag	16.39	1.02	57.63	0.304	18.09	0.26	< 0.01	0.05	0.12	< 0.01	4.54	0.036	0.75	99.99	0.798						
R502119Mag	16.16	1.05	59.22	0.279	16.83	0.22	< 0.01	0.08	0.11	< 0.01	4.10	0.033	1.09	99.93	0.754						
R502120Mag	15.60	0.96	59.32	0.160	15.83	0.20	< 0.01	0.06	0.04	< 0.01	2.38	0.030	3.60	99.66	1.47						
R502121Mag	18.17	0.84	53.55	0.176	18.68	0.13	< 0.01	< 0.01	0.03	< 0.01	2.26	0.024	4.82	99.71	1.03						
R502122Mag	21.59	0.99	45.89	0.166	21.93	0.34	< 0.01	0.06	0.03	< 0.01	1.76	0.022	5.99	100.2	1.39						
R502123Mag	19.72	1.04	51.31	0.153	20.08	0.19	< 0.01	0.06	0.04	< 0.01	1.72	0.024	5.36	100.7	0.968						
R502124Mag	21.44	1.03	48.14	0.152	21.88	0.19	< 0.01	0.01	0.03	< 0.01	1.52	0.024	5.49	100.7	0.770						
R502125Mag	25.45	1.40	38.05	0.135	25.75	0.26	< 0.01	0.09	0.03	< 0.01	1.38	0.020	7.36	100.6	0.677						
R502126Mag	25.25	1.37	39.14	0.144	25.26	0.50	0.04	< 0.01	0.03	< 0.01	1.18	0.020	6.49	100.2	0.783						
R502127Mag	21.05	1.47	49.18	0.125	21.16	0.32	< 0.01	0.03	0.04	< 0.01	1.33	0.025	4.82	100.4	0.871						
R502128Mag	25.89	1.63	36.67	0.169	25.31	1.18	< 0.01	0.03	0.03	< 0.01	1.92	0.021	6.16	100.2	1.22						
R502129Mag	25.69	1.61	36.50	0.141	25.61	0.52	< 0.01	0.03	0.03	< 0.01	1.69	0.020	6.95	99.96	1.16						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502130Mag	25.78	1.52	36.17	0.134	25.95	0.61	< 0.01	0.05	0.03	< 0.01	1.66	0.021	6.54	99.76	1.29						
R502131Mag	9.98	0.52	72.79	0.184	10.61	0.17	< 0.01	< 0.01	0.01	< 0.01	2.19	0.027	1.60	99.46	1.39						
R502132Mag	22.80	1.23	43.29	0.134	23.03	0.29	< 0.01	0.07	0.03	< 0.01	1.66	0.022	6.09	99.74	1.10						
R502133Mag	21.42	1.41	47.30	0.128	21.31	0.34	< 0.01	0.01	0.03	< 0.01	1.64	0.023	5.68	100.3	1.04						
R502134Mag	24.33	1.92	39.26	0.157	24.21	0.62	< 0.01	0.07	0.03	< 0.01	2.12	0.022	6.25	100.3	1.27						
R502135Mag	23.77	1.60	41.39	0.145	23.81	0.64	< 0.01	0.02	0.03	< 0.01	1.95	0.020	5.88	100.4	1.18						
R502136Mag	26.09	1.49	34.52	0.167	26.22	0.92	< 0.01	0.05	0.03	< 0.01	1.96	0.018	7.04	99.70	1.19						
R502137Mag	24.76	1.57	37.36	0.177	25.20	0.65	< 0.01	0.07	0.03	< 0.01	2.13	0.023	6.43	99.68	1.28						
R502138Mag	23.82	1.77	41.33	0.149	23.75	0.87	< 0.01	0.04	0.04	< 0.01	2.05	0.027	5.33	100.4	1.24						
R502139Mag	24.05	1.43	40.52	0.154	24.05	0.66	< 0.01	0.04	0.03	< 0.01	1.52	0.020	6.29	99.81	1.04						
R502140Mag	24.83	1.18	39.86	0.127	24.99	0.26	< 0.01	0.06	0.03	< 0.01	1.23	0.020	7.29	100.5	0.591						
R502141Mag	18.69	0.42	56.79	0.192	17.23	0.13	< 0.01	0.06	0.03	< 0.01	1.69	0.020	4.31	100.2	0.588						
R502142Mag	21.54	0.83	47.30	0.201	22.09	0.32	< 0.01	0.05	0.03	< 0.01	1.58	0.020	6.07	100.7	0.670						
R502143Mag	22.78	1.15	42.78	0.175	23.75	0.25	< 0.01	0.05	0.03	< 0.01	1.46	0.017	6.56	99.81	0.805						
R502144Mag	23.49	0.91	41.78	0.198	25.26	0.18	< 0.01	0.02	0.03	< 0.01	1.75	0.016	6.36	100.5	0.463						
R502145Mag	25.61	0.74	37.83	0.174	27.13	0.15	< 0.01	0.03	0.02	< 0.01	1.34	0.012	6.87	100.3	0.424						
R502146Mag	22.83	0.69	44.53	0.174	24.29	0.13	< 0.01	0.02	0.03	< 0.01	1.63	0.018	6.00	100.8	0.503						
R502147Mag	22.95	0.72	44.79	0.124	22.85	0.14	< 0.01	< 0.01	0.02	< 0.01	1.38	0.017	6.30	99.85	0.564						
R502148Mag	23.43	0.78	43.68	0.130	23.37	0.17	< 0.01	0.04	0.03	< 0.01	1.33	0.016	6.49	100.1	0.597						
R502149Mag	23.49	0.83	42.41	0.149	25.01	0.14	< 0.01	0.06	0.03	< 0.01	1.51	0.016	6.59	100.7	0.490						
R502150Mag	27.02	0.83	34.13	0.134	28.48	0.09	< 0.01	< 0.01	0.03	< 0.01	1.13	0.014	8.32	100.8	0.544						
R502151Mag	26.37	0.95	36.41	0.151	26.53	0.21	< 0.01	0.03	0.03	< 0.01	1.18	0.016	7.50	100.0	0.659						
R502152Mag	21.58	0.92	48.17	0.131	21.64	0.10	< 0.01	0.03	0.03	< 0.01	1.48	0.018	5.79	100.7	0.760						
R502153Mag	25.30	0.89	38.73	0.157	25.52	0.11	< 0.01	0.05	0.03	< 0.01	1.22	0.017	7.10	99.91	0.789						
R502154Mag	26.21	0.86	36.07	0.164	26.55	0.16	< 0.01	0.03	0.02	< 0.01	1.28	0.014	7.82	100.0	0.836						
R502155Mag	23.38	0.82	40.80	0.170	24.50	0.03	< 0.01	0.04	0.02	< 0.01	1.95	0.019	7.81	100.1	0.563						
R502156Mag	24.19	0.79	39.94	0.148	25.41	0.13	< 0.01	0.07	0.02	< 0.01	1.68	0.020	7.30	100.5	0.803						
R502157Mag	24.50	0.88	40.00	0.194	24.88	0.29	< 0.01	0.02	0.02	0.02	1.83	0.020	6.89	100.4	0.890						
R502158Mag	18.11	0.57	55.58	0.122	18.92	0.01	< 0.01	0.10	0.03	< 0.01	1.98	0.021	4.33	100.5	0.766						
R502159Mag	22.66	0.70	43.70	0.158	23.78	0.19	< 0.01	0.04	0.02	< 0.01	1.88	0.023	6.11	100.5	1.19						
R502160Mag	22.13	0.65	43.93	0.177	23.07	0.22	< 0.01	0.03	0.02	< 0.01	2.11	0.022	5.97	99.61	1.28						
R502161Mag	18.25	0.52	56.88	0.185	17.70	0.10	< 0.01	0.04	0.03	0.01	1.59	0.017	4.23	100.1	0.578						
R502162Mag	20.80	0.59	47.32	0.171	21.49	0.29	< 0.01	0.01	0.02	< 0.01	1.67	0.025	5.54	98.75	0.815						
R502163Mag	26.00	0.67	37.03	0.149	26.68	0.24	< 0.01	0.09	0.02	< 0.01	1.13	0.020	7.53	100.2	0.642						
R502164Mag	25.00	0.70	40.89	0.115	24.90	0.03	< 0.01	0.04	0.02	< 0.01	1.19	0.015	7.41	100.8	0.526						
R502165Mag	24.74	1.05	40.18	0.129	24.75	0.34	< 0.01	0.04	0.03	< 0.01	1.32	0.017	7.05	100.5	0.892						
R502166Mag	25.18	0.95	39.02	0.134	25.16	0.33	0.02	0.08	0.02	< 0.01	1.24	0.016	7.32	100.4	0.914						
R502167Mag	26.36	1.11	36.64	0.127	26.33	0.31	< 0.01	0.03	0.03	< 0.01	1.26	0.017	7.27	100.5	0.978						
R502168Mag	24.24	1.09	41.45	0.129	24.50	0.21	< 0.01	0.06	0.02	< 0.01	1.33	0.018	6.74	100.6	0.847						
R502169Mag	19.87	0.68	51.67	0.122	19.26	0.05	< 0.01	0.05	0.03	< 0.01	1.77	0.023	5.84	100.1	0.487						
R502170Mag	16.26	0.78	59.50	0.153	16.79	0.02	< 0.01	0.04	0.03	< 0.01	1.95	0.023	4.59	100.7	0.512						
R502171Mag	15.86	0.90	59.42	0.161	16.43	0.03	< 0.01	0.03	0.03	< 0.01	2.19	0.024	4.61	100.2	0.530						
R502172Mag	17.13	0.73	56.34	0.170	17.66	0.07	< 0.01	0.02	0.04	< 0.01	1.93	0.022	5.06	99.66	0.481						
R502173Mag	24.48	0.82	41.16	0.168	24.32	0.18	< 0.01	0.06	0.02	< 0.01	1.28	0.019	6.78	100.3	1.05						
R502174Mag	25.30	1.04	38.47	0.146	25.74	0.17	< 0.01	0.05	0.02	< 0.01	1.19	0.019	7.35	100.2	0.707						
R502175Mag	24.41	1.07	40.84	0.148	24.03	0.17	< 0.01	0.05	0.02	< 0.01	1.14	0.017	7.11	99.90	0.893						
R502176Mag	23.22	0.90	43.12	0.157	23.72	0.20	< 0.01	0.08	0.02	< 0.01	1.34	0.020	6.39	100.1	0.976						
R502177Mag	24.41	0.81	40.07	0.179	25.49	0.16	< 0.01	0.04	0.02	< 0.01	1.43	0.019	6.48	100.2	1.13						

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
R502178Mag	22.19	0.69	46.02	0.177	23.07	0.15	< 0.01	0.07	0.02	< 0.01	1.66	0.019	5.56	100.7	1.06						
R502179Mag	22.68	0.73	44.75	0.170	24.06	0.08	< 0.01	< 0.01	0.02	< 0.01	1.56	0.017	5.81	100.7	0.794						
R502180Mag	21.28	0.99	47.21	0.140	22.45	0.08	< 0.01	0.03	0.02	< 0.01	1.48	0.021	5.75	100.2	0.782						
R502181Mag	17.81	0.52	56.97	0.189	17.50	0.13	< 0.01	0.05	0.03	< 0.01	1.58	0.017	4.07	99.45	0.580						
R502182Mag	23.36	1.07	43.19	0.164	23.44	0.13	< 0.01	0.06	0.02	< 0.01	1.75	0.019	6.01	100.1	0.904						
R502183Mag	21.57	0.79	46.35	0.164	22.36	0.12	< 0.01	0.04	0.02	< 0.01	1.81	0.021	5.79	99.94	0.899						
R502184Mag	21.23	0.63	47.25	0.218	22.58	0.07	< 0.01	0.09	0.02	< 0.01	1.68	0.020	5.72	100.5	0.946						
R502185Mag	18.69	0.94	52.79	0.164	19.71	0.08	< 0.01	0.04	0.02	< 0.01	1.35	0.019	5.30	99.88	0.776						
R502186Mag	21.17	0.89	47.32	0.248	22.05	0.13	< 0.01	0.04	0.02	< 0.01	1.61	0.019	6.32	100.6	0.816						
R502187Mag	18.15	0.79	54.65	0.224	19.11	0.07	< 0.01	< 0.01	0.02	< 0.01	1.68	0.024	4.96	100.7	0.982						
R502188Mag	20.18	0.85	49.60	0.175	21.14	0.13	< 0.01	0.02	0.02	< 0.01	1.78	0.024	5.23	100.0	0.853						
R502189Mag	19.97	0.67	49.97	0.176	21.02	0.19	< 0.01	0.05	0.02	< 0.01	2.14	0.022	4.92	100.4	1.29						
R502190Mag	22.25	0.69	44.46	0.168	23.32	0.20	< 0.01	0.05	0.02	< 0.01	2.03	0.020	6.11	100.5	1.17						
R502191Mag	23.81	0.69	40.31	0.163	25.37	0.12	< 0.01	0.06	0.02	< 0.01	2.05	0.017	6.73	100.5	1.14						
R502192Mag	20.92	0.91	45.33	0.174	22.25	0.75	< 0.01	0.03	0.02	< 0.01	2.62	0.019	5.16	100.00	1.81						

QC

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
CHR-PT+ Meas	21.62	7.37	13.16	0.151	27.62	0.22			0.06		20.12				0.591						
CHR-PT+ Cert	21.75	7.43	13.41	0.15	27.97	0.23			0.07		20.3				0.586						
DTS-2b Meas	39.45	0.50			49.25	0.12					2.25				0.381						
DTS-2b Cert	39.4	0.450			49.4	0.120					2.27				0.378						
Oreas 73a (Fusion) Meas	36.30	2.33			32.38										1.45						
Oreas 73a (Fusion) Cert	36.4	2.38			32.5										1.44						
Oreas 74a (Fusion) Meas	32.12	2.23			27.90										3.24						
Oreas 74a (Fusion) Cert	32.4	2.21			27.9										3.24						
AMIS 0129 Meas	9.75	2.81	62.41	0.362	2.10	0.82			23.05			0.485									
AMIS 0129 Cert	9.57	2.75	62.31	0.36	2.07	0.80			22.94			0.48									
R502119 Orig																30.0	1.418	28.299	4.7	29.717	1.01
R502119 Split																30.0	1.379	28.314	4.6	29.692	1.13
R502120 Orig																30.0	1.820	28.220	6.1	30.041	-0.12
R502120 Dup																30.0	1.746	28.148	5.8	29.895	0.50
R502139 Orig																30.0	2.720	27.066	9.1	29.786	0.86
R502139 Split																30.0	2.781	27.053	9.3	29.834	0.57
R502149 Orig																30.0	2.608	27.124	8.7	29.732	0.96
R502149 Split																30.0	2.586	27.174	8.6	29.760	0.90
R502150 Orig																30.0	3.479	26.288	11.6	29.767	0.78
R502150 Dup																30.0	3.534	26.278	11.8	29.812	0.73
R502179 Orig																30.0	2.933	26.910	9.8	29.843	0.58
R502179 Split																30.0	2.964	26.809	9.9	29.773	0.85
R502180 Orig																30.0	2.972	26.862	9.9	29.833	0.58
R502180 Dup																30.0	3.022	26.811	10.1	29.833	0.62
R502189 Orig																30.0	2.292	27.398	7.6	29.690	1.08
R502189 Split																30.0	2.366	27.679	7.9	30.045	-0.07
R502119Mag Orig	16.16	1.05	59.22	0.279	16.83	0.22	< 0.01	0.08	0.11	< 0.01	4.10	0.033	1.09	99.93	0.754						
R502119Mag Split	16.58	1.13	58.85	0.280	16.16	0.18	< 0.01	0.07	0.11	< 0.01	4.07	0.032	1.43	99.63	0.738						
R502120Mag Orig	15.45	0.99	59.54	0.162	15.62	0.19	< 0.01	0.06	0.03	< 0.01	2.38	0.029	3.56	99.49	1.47						
R502120Mag Dup	15.75	0.93	59.10	0.159	16.04	0.21	< 0.01	0.07	0.04	< 0.01	2.38	0.030	3.64	99.83	1.48						
R502139Mag Orig	24.05	1.43	40.52	0.154	24.05	0.66	< 0.01	0.04	0.03	< 0.01	1.52	0.020	6.29	99.81	1.04						
R502139Mag Split	23.76	1.22	40.45	0.159	23.72	0.61	< 0.01	0.04	0.03	< 0.01	1.56	0.021	6.48	99.08	1.03						
R502149Mag Orig	23.49	0.83	42.41	0.149	25.01	0.14	< 0.01	0.06	0.03	< 0.01	1.51	0.016	6.59	100.7	0.490						
R502149Mag Split	23.09	1.27	42.19	0.151	24.78	0.14	< 0.01	0.06	0.03	0.01	1.48	0.018	6.75	100.4	0.479						
R502150Mag Orig	27.06	0.77	34.08	0.134	28.45	0.09	< 0.01	0.08	0.03	< 0.01	1.16	0.013	8.27	100.7	0.553						
R502150Mag Dup	26.99	0.89	34.18	0.135	28.51	0.10	< 0.01	< 0.01	0.03	< 0.01	1.09	0.014	8.37	100.9	0.536						
R502179Mag Orig	22.68	0.73	44.75	0.170	24.06	0.08	< 0.01	< 0.01	0.02	< 0.01	1.56	0.017	5.81	100.7	0.794						
R502179Mag Split	22.77	0.88	44.32	0.168	24.01	0.10	< 0.01	0.05	0.02	< 0.01	1.53	0.018	5.84	100.5	0.787						
R502180Mag Orig	21.28	0.94	47.00	0.137	22.52	0.07	< 0.01	0.03	0.02	< 0.01	1.45	0.021	5.80	100.0	0.770						
R502180Mag Dup	21.28	1.03	47.42	0.144	22.39	0.08	< 0.01	0.03	0.02	< 0.01	1.50	0.022	5.70	100.4	0.794						
R502189Mag Orig	19.97	0.67	49.97	0.176	21.02	0.19	< 0.01	0.05	0.02	< 0.01	2.14	0.022	4.92	100.4	1.29						
R502189Mag Split	19.93	0.85	48.35	0.182	21.12	0.17	< 0.01	0.04	0.02	< 0.01	2.19	0.022	5.07	99.22	1.28						
Method Blank	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.003	-0.01	< 0.01	< 0.003						

Date Submitted:	06-Oct-14
Invoice No.:	A14-07336Final Rev.
Invoice Date:	07-Nov-14
Your Reference:	780

First Point Minerals Corp
Suite 200
1155 West Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: Marie-des-Neiges Gagnon

CERTIFICATE OF ANALYSIS

183 Core samples were submitted for analysis.

The following analytical package was requested: Code 4C (11+)-Kamloops Whole Rock Analysis-XRF

REPORT **A14-07336Final Rev.**

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Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	% Loss Mass	Calculated Start Mass	Magnetic Fraction	Non-Mag Fraction	Start Mass	Weight % Magnetics	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni
Unit Symbol	%	g	g	g	g	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit							0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003
Method Code	DT	DT	DT	DT	DT	DT	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
R502193	0.36	29.899	1.792	28.107	30.0	6.0															
R502194	1.99	29.417	2.132	27.285	30.0	7.1															
R502195	-0.07	30.025	2.237	27.788	30.0	7.5															
R502196	0.99	29.707	2.227	27.480	30.0	7.4															
R502197	0.90	29.731	2.155	27.576	30.0	7.2															
R502198	0.55	29.853	2.439	27.414	30.0	8.1															
R502199	0.63	29.813	2.255	27.558	30.0	7.5															
R502200	1.10	29.677	1.739	27.938	30.0	5.8															
R502201	0.70	29.790	2.499	27.291	30.0	8.3															
R502202	0.24	29.930	1.396	28.534	30.0	4.7															
R502203	0.69	29.799	4.136	25.663	30.0	13.8															
R502204	0.40	29.888	3.444	26.444	30.0	11.5															
R502205	0.40	29.884	3.380	26.505	30.0	11.3															
R502206	0.84	29.752	3.161	26.591	30.0	10.5															
R502207	0.35	29.910	2.287	27.623	30.0	7.6															
R502208	0.74	29.806	2.962	26.844	30.0	9.9															
R502209	0.64	29.818	2.832	26.986	30.0	9.4															
R502210	0.23	29.933	2.274	27.659	30.0	7.6															
R502211	0.77	29.788	2.482	27.306	30.0	8.3															
R502212	1.00	29.703	2.277	27.425	30.0	7.6															
R502213	0.90	29.740	2.176	27.564	30.0	7.3															
R502214	0.24	29.940	2.574	27.366	30.0	8.6															
R502215	0.96	29.719	2.297	27.422	30.0	7.7															
R502216	0.94	29.727	1.954	27.772	30.0	6.5															
R502217	1.78	29.475	2.048	27.427	30.0	6.8															
R502218	0.54	29.839	2.177	27.662	30.0	7.3															
R502219	1.29	29.631	2.132	27.499	30.0	7.1															
R502220	0.94	29.731	1.940	27.791	30.0	6.5															
R502221	1.17	29.659	2.168	27.490	30.0	7.2															
R502222	0.59	29.838	3.159	26.679	30.0	10.5															
R502223	0.98	29.710	2.096	27.614	30.0	7.0															
R502224	0.14	29.968	2.561	27.407	30.0	8.5															
R502225	1.05	29.692	1.679	28.013	30.0	5.6															
R502226	0.93	29.729	2.557	27.171	30.0	8.5															
R502227	0.90	29.733	1.599	28.134	30.0	5.3															
R502228	0.96	29.733	1.940	27.793	30.0	6.5															
R502229	0.92	29.739	2.069	27.670	30.0	6.9															
R502230	1.10	29.676	1.954	27.722	30.0	6.5															
R502231	1.08	29.687	2.479	27.208	30.0	8.3															
R502232	0.77	29.777	2.375	27.403	30.0	7.9															
R502233	0.26	29.926	2.743	27.183	30.0	9.1															
R502234	1.14	29.669	2.732	26.937	30.0	9.1															
R502235	1.02	29.704	2.187	27.516	30.0	7.3															
R502236	1.07	29.690	2.074	27.615	30.0	6.9															
R502237	0.72	29.800	2.431	27.368	30.0	8.1															
R502238	0.76	29.781	1.692	28.089	30.0	5.6															

Analyte Symbol	% Loss Mass	Calculated Start Mass	Magnetic Fraction	Non-Mag Fraction	Start Mass	Weight % Magnetics	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni
Unit Symbol	%	g	g	g	g	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit							0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003
Method Code	DT	DT	DT	DT	DT	DT	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
R502239	0.54	29.847	1.297	28.550	30.0	4.3															
R502240	0.57	29.859	2.004	27.854	30.0	6.7															
R502241	1.00	29.701	2.277	27.424	30.0	7.6															
R502242	0.99	29.719	2.349	27.370	30.0	7.8															
R502243	1.30	29.628	1.971	27.656	30.0	6.6															
R502244	1.28	29.620	2.107	27.513	30.0	7.0															
R502245	0.44	29.877	2.736	27.141	30.0	9.1															
R502246	2.13	29.372	2.489	26.882	30.0	8.3															
R502247	0.46	29.868	1.879	27.989	30.0	6.3															
R502248	1.52	29.556	2.987	26.569	30.0	10.0															
R502249	1.30	29.612	3.118	26.493	30.0	10.4															
R502250	0.68	29.798	2.961	26.837	30.0	9.9															
R502251	1.34	29.605	3.187	26.418	30.0	10.6															
R502252	1.09	29.678	2.797	26.881	30.0	9.3															
R502253	1.38	29.598	2.822	26.776	30.0	9.4															
R502193Mag							18.26	0.59	50.15	0.203	20.53	0.29	< 0.01	0.01	0.02	< 0.01	3.35	0.023	4.08	99.61	2.11
R502194Mag							19.88	0.53	49.93	0.168	20.43	0.06	< 0.01	0.08	0.02	< 0.01	2.39	0.019	5.33	99.85	1.01
R502195Mag							18.89	0.79	51.62	0.223	19.50	0.49	< 0.01	0.03	0.02	< 0.01	2.51	0.023	4.31	100.1	1.72
R502196Mag							19.67	0.91	50.60	0.233	19.76	0.42	< 0.01	0.05	0.02	< 0.01	2.04	0.024	4.92	100.2	1.57
R502197Mag							18.15	0.85	53.84	0.181	18.48	0.30	< 0.01	< 0.01	0.02	< 0.01	2.00	0.028	5.07	100.3	1.34
R502198Mag							20.30	0.88	49.98	0.182	19.88	0.88	< 0.01	0.02	0.02	< 0.01	1.87	0.026	4.63	100.1	1.38
R502199Mag							19.60	0.65	50.44	0.202	19.88	0.29	< 0.01	0.03	0.02	< 0.01	2.09	0.026	5.01	99.48	1.24
R502200Mag							17.89	0.56	56.49	0.189	17.85	0.14	< 0.01	0.05	0.03	0.05	1.61	0.019	4.59	100.1	0.582
R502201Mag							18.76	0.91	52.49	0.188	19.20	0.07	< 0.01	0.02	0.02	< 0.01	1.91	0.022	5.05	99.55	0.917
R502202Mag							20.63	1.51	45.70	0.251	20.91	0.04	< 0.01	0.12	0.04	< 0.01	3.03	0.022	6.06	99.16	0.856
R502203Mag							27.60	1.19	33.08	0.155	27.45	0.11	< 0.01	0.01	0.03	< 0.01	1.12	0.017	8.53	99.87	0.585
R502204Mag							25.71	0.89	38.10	0.180	25.82	0.18	< 0.01	< 0.01	0.02	< 0.01	1.33	0.019	7.37	100.4	0.830
R502205Mag							25.28	1.04	38.19	0.155	25.48	0.18	< 0.01	0.07	0.02	< 0.01	1.32	0.018	7.63	100.3	0.919
R502206Mag							24.84	0.98	40.17	0.158	24.94	0.26	< 0.01	0.09	0.02	< 0.01	1.28	0.018	6.84	100.6	0.987
R502207Mag							23.31	0.93	42.10	0.229	23.46	0.36	< 0.01	0.01	0.02	< 0.01	2.09	0.021	6.03	99.97	1.41
R502208Mag							22.35	1.25	45.13	0.173	22.63	0.19	< 0.01	0.01	0.02	< 0.01	1.31	0.020	6.16	100.2	0.979
R502209Mag							20.46	1.02	50.35	0.185	20.15	0.30	< 0.01	0.01	0.02	< 0.01	1.52	0.024	5.04	100.1	0.998
R502210Mag							18.84	1.33	53.11	0.209	18.64	0.45	< 0.01	0.01	0.04	< 0.01	1.91	0.023	4.40	100.1	1.13
R502211Mag							20.52	1.19	48.33	0.213	20.93	0.16	< 0.01	0.05	0.03	< 0.01	1.74	0.022	5.73	99.90	0.981
R502212Mag							18.65	0.83	53.12	0.189	18.93	0.13	< 0.01	0.08	0.02	< 0.01	1.76	0.024	4.93	99.76	1.10
R502213Mag							19.74	0.92	49.58	0.192	19.91	0.50	< 0.01	0.02	0.02	< 0.01	2.15	0.025	5.17	99.61	1.38
R502214Mag							20.43	1.19	48.74	0.150	20.34	0.42	< 0.01	0.08	0.02	< 0.01	1.64	0.024	5.06	99.34	1.24
R502215Mag							19.21	1.01	51.94	0.176	19.46	0.21	< 0.01	0.05	0.02	< 0.01	1.95	0.026	4.68	100.1	1.37
R502216Mag							17.96	0.92	53.77	0.218	18.24	0.27	< 0.01	0.05	0.02	< 0.01	2.52	0.026	3.99	99.58	1.60
R502217Mag							16.82	0.86	57.45	0.197	17.24	0.11	< 0.01	0.05	0.02	< 0.01	2.29	0.027	3.63	99.93	1.24
R502218Mag							18.34	0.83	53.57	0.217	18.76	0.27	< 0.01	0.02	0.02	< 0.01	2.74	0.026	3.94	100.0	1.29
R502219Mag							18.24	0.78	53.79	0.230	18.90	0.14	< 0.01	0.06	0.02	< 0.01	2.87	0.026	4.11	100.5	1.35
R502220Mag							18.32	0.86	51.46	0.246	19.71	0.09	< 0.01	0.03	0.02	< 0.01	3.24	0.026	4.14	99.76	1.62
R502221Mag							18.48	0.85	51.63	0.225	19.64	0.05	< 0.01	0.10	0.02	< 0.01	3.05	0.023	4.36	99.74	1.32
R502222Mag							25.56	1.04	37.82	0.193	25.96	0.13	< 0.01	0.06	0.01	< 0.01	1.96	0.018	6.64	100.5	1.11
R502223Mag							19.51	0.96	49.63	0.220	19.79	0.28	< 0.01	< 0.01	0.02	< 0.01	2.39	0.023	4.70	99.08	1.53
R502224Mag							20.63	0.96	48.17	0.157	21.05	0.29	< 0.01	0.02	0.02	< 0.01	1.97	0.022	5.35	99.73	1.09
R502225Mag							15.04	0.90	60.20	0.198	15.07	0.20	< 0.01	< 0.01	0.02	< 0.01	3.10	0.025	2.15	98.97	2.07

Analyte Symbol	% Loss Mass	Calculated Start Mass	Magnetic Fraction	Non-Mag Fraction	Start Mass	Weight % Magnetics	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni
Unit Symbol	%	g	g	g	g	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit							0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003
Method Code	DT	DT	DT	DT	DT	DT	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
R502226Mag							18.08	0.83	54.37	0.154	18.80	0.41	< 0.01	0.01	0.02	< 0.01	1.99	0.020	4.12	100.1	1.29
R502227Mag							10.59	0.59	72.58	0.183	10.22	0.17	< 0.01	< 0.01	0.01	< 0.01	2.12	0.025	1.62	99.49	1.38
R502228Mag							18.80	0.71	50.52	0.202	19.60	0.73	< 0.01	0.01	0.02	< 0.01	2.66	0.025	4.32	99.56	1.97
R502229Mag							17.93	0.75	53.29	0.220	18.86	0.40	< 0.01	0.07	0.02	< 0.01	2.53	0.024	4.29	99.82	1.44
R502230Mag							19.19	0.73	50.85	0.211	20.04	0.43	< 0.01	0.05	0.02	< 0.01	2.04	0.021	4.50	99.68	1.60
R502231Mag							21.97	0.86	46.49	0.177	21.67	0.45	< 0.01	0.01	0.02	< 0.01	1.71	0.021	5.16	99.98	1.44
R502232Mag							20.84	0.80	47.69	0.214	22.10	0.38	< 0.01	0.09	0.02	< 0.01	1.86	0.022	4.46	100.1	1.59
R502233Mag							12.75	0.73	65.64	0.198	13.42	< 0.01	< 0.01	0.08	0.02	< 0.01	2.29	0.026	3.07	99.19	0.977
R502234Mag							22.01	0.97	45.36	0.199	23.24	0.59	< 0.01	0.01	0.02	< 0.01	1.48	0.019	5.51	100.4	0.995
R502235Mag							20.22	0.96	48.63	0.211	20.77	0.63	< 0.01	0.08	0.02	< 0.01	1.86	0.022	5.05	99.59	1.14
R502236Mag							17.30	0.43	56.38	0.208	18.03	0.26	< 0.01	0.02	0.03	< 0.01	2.11	0.025	4.03	100.1	1.32
R502237Mag							16.66	0.87	57.22	0.253	16.67	0.50	< 0.01	0.02	0.05	< 0.01	2.37	0.027	4.80	100.1	0.672
R502238Mag							14.38	1.15	62.94	0.252	13.02	0.91	< 0.01	0.02	0.12	< 0.01	3.08	0.037	4.09	100.4	0.441
R502239Mag							19.66	0.57	51.67	0.209	20.51	0.36	< 0.01	0.01	0.02	< 0.01	1.95	0.023	2.69	98.78	1.11
R502240Mag							17.17	0.67	58.11	0.277	17.12	0.16	< 0.01	0.09	0.04	< 0.01	2.74	0.027	3.69	100.7	0.611
R502241Mag							16.48	0.79	58.07	0.130	16.82	0.09	< 0.01	0.01	0.05	< 0.01	2.44	0.025	4.37	99.78	0.501
R502242Mag							22.53	1.07	44.23	0.145	22.87	0.37	< 0.01	0.04	0.03	< 0.01	1.78	0.021	7.11	100.6	0.391
R502243Mag							23.69	0.92	42.75	0.186	23.28	0.66	< 0.01	0.04	0.02	< 0.01	2.01	0.020	6.38	100.4	0.486
R502244Mag							21.07	0.93	46.88	0.218	22.25	0.25	< 0.01	< 0.01	0.02	< 0.01	2.14	0.018	4.49	100.0	1.76
R502245Mag							23.62	0.98	41.25	0.179	24.31	1.09	< 0.01	0.06	0.02	< 0.01	1.85	0.019	5.78	100.3	1.15
R502246Mag							22.88	1.09	43.31	0.183	23.43	0.91	< 0.01	0.07	0.02	< 0.01	2.03	0.021	5.38	100.4	1.08
R502247Mag							21.51	0.72	46.74	0.213	21.89	0.18	< 0.01	< 0.01	0.03	< 0.01	2.91	0.022	4.89	100.1	0.964
R502248Mag							20.05	0.96	50.57	0.167	20.68	0.43	< 0.01	0.03	0.02	< 0.01	1.72	0.022	4.14	99.89	1.11
R502249Mag							21.46	1.14	46.66	0.189	21.96	0.25	< 0.01	0.05	0.01	< 0.01	2.04	0.021	4.79	99.73	1.16
R502250Mag							18.84	0.67	50.72	0.236	19.80	0.08	< 0.01	0.07	0.02	< 0.01	2.70	0.018	4.29	98.92	1.48
R502251Mag							17.76	0.91	54.76	0.159	19.08	0.08	< 0.01	< 0.01	0.02	< 0.01	2.09	0.019	3.30	99.57	1.39
R502252Mag							21.33	0.82	46.79	0.179	23.07	0.07	< 0.01	0.04	0.02	< 0.01	2.00	0.017	4.21	99.89	1.35
R502253Mag							22.08	0.63	46.02	0.179	22.74	0.06	< 0.01	0.04	0.02	< 0.01	1.99	0.016	4.49	99.61	1.34

QC

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total	Ni	Start Mass	Magnetic Fraction	Non-Mag Fraction	Weight % Magnetics	Calculated Start Mass	% Loss Mass
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	g	g	%	g	%
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01	0.003						
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	DT	DT	DT	DT	DT	DT
CHR-PT+ Meas	21.90	7.38	13.88		27.81	0.22			0.06		19.98				0.593						
CHR-PT+ Cert	21.75	7.43	13.41		27.97	0.23			0.07		20.3				0.586						
DTS-2b Meas	39.40	0.49			49.06	0.13					2.26				0.381						
DTS-2b Cert	39.4	0.450			49.4	0.120					2.27				0.378						
Oreas 73a (Fusion) Meas	36.19	2.28			31.66										1.44						
Oreas 73a (Fusion) Cert	36.4	2.38			32.5										1.44						
Oreas 74a (Fusion) Meas	32.40	2.14			27.70										3.24						
Oreas 74a (Fusion) Cert	32.4	2.21			27.9										3.24						
AMIS 0129 Meas	9.86	2.81	62.41	0.355	2.09	0.83			23.10			0.486									
AMIS 0129 Cert	9.57	2.75	62.31	0.36	2.07	0.80			22.94			0.48									
R502222 Orig																30.0	3.159	26.679	10.5	29.838	0.59
R502222 Split																30.0	3.112	26.421	10.4	29.533	1.58
R502223 Orig																30.0	2.126	27.607	7.1	29.733	0.90
R502223 Dup																30.0	2.066	27.621	6.9	29.688	1.06
R502242 Orig																30.0	2.349	27.370	7.8	29.719	0.99
R502242 Split																30.0	2.157	27.383	7.2	29.541	1.58
R502252 Orig																30.0	2.797	26.881	9.3	29.678	1.09
R502252 Split																30.0	2.625	26.995	8.7	29.620	1.32
R502253 Orig																30.0	2.858	26.760	9.5	29.618	1.32
R502253 Dup																30.0	2.786	26.793	9.3	29.579	1.43
R502222Mag Orig	25.56	1.04	37.82	0.193	25.96	0.13	< 0.01	0.06	0.01	< 0.01	1.96	0.018	6.64	100.5	1.11						
R502222Mag Split	25.33	1.09	37.41	0.197	26.06	0.13	< 0.01	0.02	0.02	< 0.01	2.01	0.018	6.28	99.69	1.12						
R502223Mag Orig	19.75	0.97	49.29	0.221	20.08	0.29	< 0.01	0.04	0.02	< 0.01	2.35	0.023	4.86	99.43	1.53						
R502223Mag Dup	19.28	0.95	49.96	0.218	19.50	0.28	< 0.01	< 0.01	0.02	< 0.01	2.43	0.024	4.55	98.72	1.52						
R502242Mag Orig	22.53	1.07	44.23	0.145	22.87	0.37	< 0.01	0.04	0.03	< 0.01	1.78	0.021	7.11	100.6	0.391						
R502242Mag Split	22.22	1.10	44.93	0.145	22.59	0.39	< 0.01	0.10	0.03	< 0.01	1.73	0.020	6.97	100.6	0.402						
R502252Mag Orig	21.33	0.82	46.79	0.179	23.07	0.07	< 0.01	0.04	0.02	< 0.01	2.00	0.017	4.21	99.89	1.35						
R502252Mag Split	21.14	0.77	47.04	0.177	22.75	0.07	< 0.01	0.05	0.02	< 0.01	1.90	0.015	4.32	99.58	1.33						
R502253Mag Orig	21.93	0.66	46.15	0.182	22.88	0.07	< 0.01	0.04	0.02	< 0.01	2.02	0.016	4.59	99.90	1.34						
R502253Mag Dup	22.22	0.61	45.89	0.176	22.61	0.06	< 0.01	0.03	0.02	< 0.01	1.96	0.016	4.39	99.32	1.34						
Method Blank	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.003	-0.01	< 0.01	< 0.003						

Appendix 10: Invoices

Quality Analysis ... **Actlabs** *Innovative Technologies*

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.:	**A14-03695**
Purchase Order:	
Invoice Date:	**20-Jun-14**
Date submitted:	**02-Jun-14**
Your Reference:	**781**
GST # :	**R121979355**

First Point Minerals Corp
Suite 200 - 1155 Wes Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: **Trevor Rabb**

INVOICE

No. samples	Description	Unit Price	Total
94	RX1-T (Kamloops)	$ 7.50	$ 705.00
94	8-Davis Tube Magnetic Separation Kamloops	$ 30.00	$ 2,820.00
94	4C (11+)-Kamloops	$ 26.00	$ 2,444.00
		Subtotal: :	$ 5,969.00
		GST-BC-5% :	$ 298.45
		AMOUNT DUE: (CAD) :	**$ 6,267.45**

Net 30 days. 1 1/2 % per month charged on overdue accounts.

Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT #: 00102 003 ACCOUNT #: 100 154 4
SWIFT CODE#: ROYCCAT2

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ISO/IEC 17025
SCC Accredited LAB 266
LAB 266 Accrédité CCN

Quality Analysis ... Actlabs **Innovative Technologies**

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.:	**A14-06060**
Purchase Order:	
Invoice Date:	**17-Sep-14**
Date submitted:	**28-Aug-14**
Your Reference:	**780A**
GST # :	**R121979355**

First Point Minerals Corp
Suite 200
1155 West Pender Street
Vancouver BC V6E 2P4
Canada
ATTN: **Marie-des-Neiges Gagnon**

INVOICE

No. samples	Description	Unit Price	Total
33	RX1-T (Kamloops)	$ 7.50	$ 247.50
34	8-Davis Tube Mag Sep-Kamloops	$ 30.00	$ 1,020.00
33	4C (11+)-Kamloops	$ 26.00	$ 858.00
		Subtotal: :	**$ 2,125.50**
		GST-BC-5% :	$ 106.28
		AMOUNT DUE: (CAD) :	**$ 2,231.78**

Net 30 days. 1 1/2 % per month charged on overdue accounts.

Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT #: 00102 003 ACCOUNT #: 100 154 4
SWIFT CODE#: ROYCCAT2

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

Quality Analysis ... **Actlabs** *Innovative Technologies*

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Invoice No.:	**A14-06969**
Purchase Order:	
Invoice Date:	**17-Oct-14**
Date submitted:	**26-Sep-14**
Your Reference:	**780A**
GST # :	**R121979355**

First Point Minerals Corp
Suite 200 - 1155 Wes Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: **Trevor Rabb**

INVOICE

No. samples	Description	Unit Price	Total
90	RX1-T (Kamloops)	$ 10.00	$ 900.00
90	4C (11+)-Kamloops	$ 26.00	$ 2,340.00
90	Davis Tube (Mag+Non Mag) Kamloops	$ 30.00	$ 2,700.00
		Subtotal: :	**$ 5,940.00**
		GST-BC-5% :	$ 297.00
		AMOUNT DUE: (CAD) :	**$ 6,237.00**

Net 30 days. 1 1/2 % per month charged on overdue accounts.

Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT #: 00102 003 ACCOUNT #: 100 154 4
SWIFT CODE#: ROYCCAT2

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ISO/IEC 17025
SCC Accredited LAB 266
LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

Quality Analysis ... Actlabs *Innovative Technologies*

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.:	**A14-07242**
Purchase Order:	
Invoice Date:	**31-Oct-14**
Date submitted:	**02-Oct-14**
Your Reference:	**780**
GST # :	**R121979355**

First Point Minerals Corp
Suite 200 - 1155 Wes Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: **Trevor Rabb**

INVOICE

No. samples	Description	Unit Price	Total
102	RX1-T (Kamloops)	$ 10.00	$ 1,020.00
102	4C (11+)	$ 26.00	$ 2,652.00
102	Davis Tube	$ 30.00	$ 3,060.00
		Subtotal: :	**$ 6,732.00**
		GST-BC-5% :	$ 336.60
		AMOUNT DUE: (CAD) :	**$ 7,068.60**

Net 30 days. 1 1/2 % per month charged on overdue accounts.

Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT #: 00102 003 ACCOUNT #: 100 154 4
SWIFT CODE#: ROYCCAT2

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

Quality Analysis ... Actlabs **Innovative Technologies**

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.:	**A14-07336Rev.**
Purchase Order:	
Invoice Date:	**07-Nov-14**
Date submitted:	**06-Oct-14**
Your Reference:	**780**
GST # :	**R121979355**

First Point Minerals Corp
Suite 200 - 1155 Wes Pender Street
Vancouver BC V6E 2P4
Canada

ATTN: **Trevor Rabb**

INVOICE

No. samples	Description	Unit Price	Total
61	RX1-T (Kamloops)	$ 10.00	$ 610.00
61	4C (11+)	$ 26.00	$ 1,586.00
61	Davis Tube	$ 30.00	$ 1,830.00
		Subtotal: :	**$ 4,026.00**
		GST-BC-5% :	$ 201.30
		AMOUNT DUE: (CAD) :	**$ 4,227.30**

Net 30 days. 1 1/2 % per month charged on overdue accounts.

Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT #: 00102 003 ACCOUNT #: 100 154 4
SWIFT CODE#: ROYCCAT2

Please reference the invoice number when making a payment by Bank/Wire transfer. Intermediary Bank Fees are the responsibility of the client.
Thank you!

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

All-In Exploration Inc.

113A Platinum Road
Whitehorse, Yukon Y1A 5M3
Canada

INVOICE

Invoice No.: 110146
Date: 23/09/2014
Ship Date:
Page: 1
Re: Order No.

Sold to:

First Point Minerals Corp.
Suite 906-1112 West Pender Street
Vancouver, BC V6E 2S1

Ship to:

First Point Minerals Corp.
Suite 906-1112 West Pender Street
Vancouver, BC V6E 2S1

Business No.:

Item No.	Unit	Quantity	Description	Tax	Unit Price	Amount
		2.5	September 5/2014- 2.5 Hours Driving to otter falls and return: @ $40/hour (Pick-up Lumber)	G	40.00	100.00
		240.0	240 km	G	0.62	148.80
		1.0	Truck and trailer $150.00	G	150.00	150.00
		1.0	September 8/2014- Three man Pad building crew ($1350.00/day)	G	1,350.00	1,350.00
		1.0	September 8/2014- Line Cutter and Chain saw rental	G	500.00	500.00
		1.0	Truck and trailer $150.00	G	150.00	150.00
		100.0	100 km	G	0.62	62.00
		1.0	September 9/2014- Three man Pad building crew	G	1,350.00	1,350.00
		0.5	Septmeber 9/2014- Driver 1/2 day $200.00	G	400.00	200.00
		1.0	Truck and trailer rental $150.00	G	150.00	150.00
		100.0	100 km	G	0.62	62.00
		1.0	Pad Building supplies and material	I	2,000.44	2,000.44
		1.0	All- In service charge for supplies and material	G	300.06	300.06
			G - GST 5% I - GST @ 5%, included GST		95.26	226.14

All-In Exploration Inc. GST: #81723 6409 RT0001

Shipped By: Tracking Number:

Comment: Interest is charged at 1.5% per 30 days

Total Amount 6,749.44

Sold By:

Transaction Date	02/10/14 10:37:01
Card Number	4520xxxxxxxx1486
Expiry Date	1606
Trans Type	Telephone Mail Purchase
Amount	491.73
Response Code	001
Response Message	0APPROVED 010740
Approval Code	010740
Reference Number	96305135

Transaction Response

Merchant Name :	CF Managing Movement Toronto
Card Number :	4514xxxxxxxx6722
Expiry Date :	0517
Trans Type :	Telephone Mail Purchase
Amount :	215.55
Response Code :	001
Response Message :	0APPROVED 041916
Approval Code :	041916
Terminal :	EPICEXPRSS
Transaction Time :	14:11:39 10/06/2014
Reference Number :	2310010010340
Invoice Number :	AWA3807417
	Continue

Transaction Response

Merchant Name :	CF Managing Movement Toronto
Card Number :	4520xxxxxxxx1486
Expiry Date :	0616
Trans Type :	Telephone Mail Purchase
Amount :	221.42
Response Code :	001
Response Message :	0APPROVED 013523
Approval Code :	013523
Terminal :	EPICEXPRSS
Transaction Time :	16:50:44 09/23/2014
Reference Number :	2180010010340
Invoice Number :	JTR3800728

Kluane Drilling Ltd.
14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2
Tel: (867) 633-4800 Fax: (867) 633-3641
kluanedrilling@northwestel.net

CLIENT:	**First Point Minerals Corp** Suite 200-1155 West Pender Street, Vancouver, BC V6E 2P4
CONTRACT NO.:	**FP2014-1**
PROJECT NAME:	**Mich**
RIGS	1
INVOICE NUMBER:	**9125**
INVOICE DATE:	**22-Sep-14**
INVOICE PERIOD	
FROM:	**9-Sep-2014**
TO:	**15-Sep-2014**
METERS DRILLED:	**254.51**
AVG. METERS PER SHIFT:	
TOTAL INVOICE:	**$46,562.24**

SUMMARY OF CHARGEABLES:	KD1	TOTAL
HW	12.19	12.19
HTW	142.34	142.34
NTW	112.17	112.17
DRILLING AND CASING CHARGEABLES	23,937.47	23,937.47
HOURLY CHARGEABLES	7,870.00	7,870.00
CONSUMABLES, EQUIPMENT AND SUPLIES	1,030.39	1,030.39
OTHER CHARGEABLES	0.00	0.00
TOTAL CHARGEABLES	**32,837.86**	**32,837.86**

PUMP MAN, NON DRILLING FOREMAN, EQUIPMENT	
HOURLY CHARGABLES	0.00
EQUIPMENT CHARGES	440.00
TRANSPORT, FREIGHT & SUPPLIES CHARGES	11,067.13
TOTAL PUMP MAN, NON DRILLING FOREMAN, EQUIPMENT	**11,507.13**

ADDITIONAL CHARGES:

DESCRIPTION	UNITS	PRICE	
EXCESSIVE BITWEAR CHARGE			
MOBILIZATION FEE			0.00
TOTAL ADDITIONAL CHARGES			**0.00**

SUBTOTAL		**44,344.99**
GST	**BN 10286 1168 RT 001**	**2,217.25**
TOTAL INVOICE		**46,562.24**
LESS CREDIT FOR ADVANCE		
PAYMENT DUE		**46,562.24**

PLEASE MAKE PAYMENT TO:

KLUANE DRILLING LTD.
14 Macdonald Road, Whitehorse, YT, Y1A 4L2
BANK: Scotia Bank
ADDRESS: Vancouver Business Service Centre, 7th Floor, 409 Granville Street, Vancouver, BC, V6C 1T2
TRANSIT NO.: 03020
ACCOUNT NO.: 030200547719
SWIFT : NOSCCATTVCR

THANK YOU FOR YOUR BUSINESS!

Kluane Drilling Ltd.
14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2
Tel: (867) 633-4800 Fax: (867) 633-3641
kluanedrilling@northwestel.net

CLIENT:	**First Point Minerals Corp** Suite 200-1155 West Pender Street, Vancouver, BC V6E 2P4
CONTRACT NO.:	FP2014-1
PROJECT NAME:	Mich
RIGS	1
INVOICE NUMBER:	9134
INVOICE DATE:	7-Oct-14
INVOICE PERIOD	
FROM:	16-Sep-2014
TO:	4-Oct-2014
METERS DRILLED:	618.74
AVG. METERS PER SHIFT:	
TOTAL INVOICE:	**$66,688.36**

SUMMARY OF CHARGEABLES:	KD1	TOTAL
HW	9.14	9.14
HTW	137.77	137.77
NTW	471.83	471.83
DRILLING AND CASING CHARGEABLES	57,687.96	57,687.96
HOURLY CHARGEABLES	16,400.00	16,400.00
CONSUMABLES, EQUIPMENT AND SUPLIES	2,297.55	2,297.55
OTHER CHARGEABLES	0.00	0.00
TOTAL CHARGEABLES	**76,385.51**	**76,385.51**

PUMP MAN, NON DRILLING FOREMAN, EQUIPMENT	
HOURLY CHARGABLES	0.00
EQUIPMENT CHARGES	1,760.00
TRANSPORT, FREIGHT & SUPPLIES CHARGES	9,176.74
TOTAL PUMP MAN, NON DRILLING FOREMAN, EQUIPMENT	**10,936.74**

ADDITIONAL CHARGES:

DESCRIPTION	UNITS	PRICE	
EXCESSIVE BITWEAR CHARGE			
MOBILIZATION FEE			0.00
TOTAL ADDITIONAL CHARGES			**0.00**

SUBTOTAL		**87,322.25**
GST	BN 10286 1168 RT 001	4,366.11
TOTAL INVOICE		91,688.36
LESS CREDIT FOR ADVANCE		25,000.00
PAYMENT DUE		**66,688.36**

PLEASE MAKE PAYMENT TO:

KLUANE DRILLING LTD.
14 Macdonald Road, Whitehorse, YT, Y1A 4L2
BANK: Scotia Bank
ADDRESS: Vancouver Business Service Centre, 7th Floor, 409 Granville Street, Vancouver, BC, V6C 1T2
TRANSIT NO.: 03020
ACCOUNT NO.: 030200547719
SWIFT : NOSCCATTVCR

THANK YOU FOR YOUR BUSINESS!

..S NORTH HELICOPTERS
..ORTH TURBO AIR LTD.
..OX 8 – WHITEHORSE – YUKON TERRITORY – Y1A 5X9
..ELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Original

INVOICE

Invoice Number	Document Date	Page
2580	08/15/14	1/1

Customer No.
FIRSPOI

Federal Tax ID - Business Partner

Ticket/s
58147; 58148.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GPGH	08/06/2014	58147	Whitehorse	2.7	hour	1,045.00	2,821.50
FUEL131	08/06/2014	58147	Whitehorse	307.8	litres	1.35	415.53
Helicopter Hour - Aircraft GPGH	08/12/2014	58148	Whitehorse	1	hour	1,045.00	1,045.00
FUEL131	08/12/2014	58148	Whitehorse	114	litres	1.35	153.90

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	4,435.93	221.80

Invoice Subtotal:	**$ 4,435.93**
Total Before Tax:	**$ 4,435.93**
Total Tax Amount:	**$ 221.80**
Total Amount:	**$ 4,657.73**

approved
by [signature]
AUG 18 2014
proj 730-A
code A/C 5072 Helicopters

POSTED

PAID
AUG 27 2014
Ch. 3591 $9,818.99

NORTH HELICOPTERS

...TH TURBO AIR LTD
...X 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
...PHONE: (867) 668-2177 • FAX: (867) 668-3420

Original

INVOICE

Invoice Number	Document Date	Page
2610	**08/21/14**	**1/1**

Customer No.

FIRSPOI

Federal Tax ID - Business Partner

Ticket/s

58152; 58155.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GPGH	08/14/2014	58152	Whitehorse	1.5	hour	1,045.00	1,567.50
FUEL131	08/14/2014	58152	Whitehorse	171	litres	1.35	230.85
Helicopter Hour - Aircraft GPGH	08/19/2014	58155	Whitehorse	2.6	hour	1,045.00	2,717.00
FUEL131	08/19/2014	58155	Whitehorse	296.4	litres	1.35	400.14

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	4,915.49	245.77

Invoice Subtotal:	**$ 4,915.49**
Total Before Tax:	**$ 4,915.49**
Total Tax Amount:	**$ 245.77**
Total Amount:	**$ 5,161.26**

POSTED

PAID
AUG 2 7 2014
Ch. 3591 $9,818.49

approved
by
AUG 2 7 2014
proj 780 A
code A/C 5072 Helicopters

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2723	09/16/14	1/1

Customer No.
FIRSPOI

Federal Tax ID - Business Partner

Ticket/s
58301; 58302; 58161.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: **$**

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft FSPE	09/08/2014	58301	Whitehorse	2.9	hour	1,695.00	4,915.50
FUEL131	09/08/2014	58301	Whitehorse	507.5	litres	1.35	685.13
Helicopter Hour - Aircraft FSPE	09/10/2014	58302	Whitehorse	9.1	hour	1,695.00	15,424.50
FUEL131	09/10/2014	58302	Whitehorse	1,592.5	litres	1.35	2,149.88
Helicopter Hour - Aircraft GPGH	09/09/2014	58161	Whitehorse	6.5	hour	1,045.00	6,792.50
FUEL131	09/09/2014	58161	Whitehorse	741	litres	1.35	1,000.35

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	30,967.86	1,548.39

Invoice Subtotal:	**$ 30,967.86**
Total Before Tax:	**$ 30,967.86**
Total Tax Amount:	**$ 1,548.39**
Total Amount:	**$ 32,516.25**

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2726	09/18/14	1/1

Customer No. Federal Tax ID - Business Partner

FIRSPOI

Ticket/s

58162; 58163; 58165; 58166; 58168.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: **$**

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GPGH	09/11/2014	58162	Whitehorse	1.7	hour	1,045.00	1,776.50
FUEL131	09/11/2014	58162	Whitehorse	193.8	litres	1.35	261.63
Helicopter Hour - Aircraft GPGH	09/12/2014	58163	Whitehorse	0.9	hour	1,045.00	940.50
FUEL131	09/12/2014	58163	Whitehorse	102.6	litres	1.35	138.51
Helicopter Hour - Aircraft GPGH	09/13/2014	58165	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/13/2014	58165	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GPGH	09/14/2014	58166	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/14/2014	58166	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GPGH	09/16/2014	58168	Whitehorse	0.7	hour	1,045.00	731.50
FUEL131	09/16/2014	58168	Whitehorse	79.8	litres	1.35	107.73

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	5,874.61	293.73

Invoice Subtotal:	**$ 5,874.61**
Total Before Tax:	**$ 5,874.61**
Total Tax Amount:	**$ 293.73**
Total Amount:	**$ 6,168.34**

approved
by MButler

SEP 25 2014

proj 780 - A
code AIC 5072 Helicopters

TRANS NORTH HELICOPTERS

TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 – WHITEHORSE – YUKON TERRITORY – Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2738	09/18/14	1/1

Customer No.: **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s

58303; 58304; 58305; 58306; 58307.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft FSPE	09/12/2014	58303	Whitehorse	1.2	hour	1,695.00	2,034.00
FUEL131	09/12/2014	58303	Whitehorse	210	litres	1.35	283.50
Helicopter Hour - Aircraft FSPE	09/13/2014	58304	Whitehorse	1	hour	1,695.00	1,695.00
FUEL131	09/13/2014	58304	Whitehorse	175	litres	1.35	236.25
Helicopter Hour - Aircraft FSPE	09/14/2014	58305	Whitehorse	1.1	hour	1,695.00	1,864.50
FUEL131	09/14/2014	58305	Whitehorse	192.5	litres	1.35	259.88
Helicopter Hour - Aircraft FSPE	09/15/2014	58306	Whitehorse	3.2	hour	1,695.00	5,424.00
FUEL131	09/15/2014	58306	Whitehorse	560	litres	1.35	756.00
Helicopter Hour - Aircraft FSPE	09/16/2014	58307	Whitehorse	0.4	hour	1,695.00	678.00
FUEL131	09/16/2014	58307	Whitehorse	70	litres	1.35	94.50

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	13,325.63	666.28

Invoice Subtotal:	**$ 13,325.63**
Total Before Tax:	**$ 13,325.63**
Total Tax Amount:	**$ 666.28**
Total Amount:	**$ 13,991.91**

approved
by M Smith

SEP 25 2014

proj 780 - A
code A/C 5072 Helicopters

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2747	09/24/14	1/1
Customer No.	Federal Tax ID - Business Partner	
FIRSPOI		

Ticket/s

58169; 58170; 59687; 59688.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: **$**

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GPGH	09/17/2014	58169	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/17/2014	58169	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GPGH	09/18/2014	58170	Whitehorse	1.1	hour	1,045.00	1,149.50
FUEL131	09/18/2014	58170	Whitehorse	125.4	litres	1.35	169.29
Helicopter Hour - Aircraft GTNY	09/18/2014	59687	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/18/2014	59687	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GTNY	09/19/2014	59688	Whitehorse	2.2	hour	1,045.00	2,299.00
FUEL131	09/19/2014	59688	Whitehorse	250.8	litres	1.35	338.58

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	5,874.61	293.73

Invoice Subtotal:	**$ 5,874.61**
Total Before Tax:	**$ 5,874.61**
Total Tax Amount:	**$ 293.73**
Total Amount:	**$ 6,168.34**

approved

by [signature]

SEP 29 2014

proj code A/C 5072 Helicopters

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2748	09/24/14	1/1

Customer No. **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s
59689; 59690; 59691.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GTNY	09/20/2014	59689	Whitehorse	1.6	hour	1,045.00	1,672.00
FUEL131	09/20/2014	59689	Whitehorse	182.4	litres	1.35	246.24
Helicopter Hour - Aircraft GTNY	09/21/2014	59690	Whitehorse	1	hour	1,045.00	1,045.00
FUEL131	09/21/2014	59690	Whitehorse	114	litres	1.35	153.90
Helicopter Hour - Aircraft GTNY	09/22/2014	59691	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/22/2014	59691	Whitehorse	91.2	litres	1.35	123.12

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	4,076.26	203.81

Invoice Subtotal:	**$ 4,076.26**
Total Before Tax:	**$ 4,076.26**
Total Tax Amount:	**$ 203.81**
Total Amount:	**$ 4,280.07**

approved
by [signature]

SEP 29 2014

proj code A/c 5072 Helicopters

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2749	09/24/14	1/1

Customer No. **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s

58309; 58311; 58312; 58313; 58314.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft FSPE	09/17/2014	58309	Whitehorse	1.1	hour	1,695.00	1,864.50
FUEL131	09/17/2014	58309	Whitehorse	192.5	litres	1.35	259.88
Helicopter Hour - Aircraft FSPE	09/19/2014	58311	Whitehorse	1.5	hour	1,695.00	2,542.50
FUEL131	09/19/2014	58311	Whitehorse	262.5	litres	1.35	354.38
Helicopter Hour - Aircraft FSPE	09/21/2014	58312	Whitehorse	1.9	hour	1,695.00	3,220.50
FUEL131	09/21/2014	58312	Whitehorse	332.5	litres	1.35	448.88
Helicopter Hour - Aircraft FSPE	09/21/2014	58313	Whitehorse	1.9	hour	1,695.00	3,220.50
FUEL131	09/21/2014	58313	Whitehorse	332.5	litres	1.35	448.88
Helicopter Hour - Aircraft FSPE	09/22/2014	58314	Whitehorse	2.3	hour	1,695.00	3,898.50
FUEL131	09/22/2014	58314	Whitehorse	402.5	litres	1.35	543.38

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	16,801.90	840.10

Invoice Subtotal:	**$ 16,801.90**
Total Before Tax:	**$ 16,801.90**
Total Tax Amount:	**$ 840.10**
Total Amount:	**$ 17,642.00**

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SEP 29 2014

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TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
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Invoice Number	Document Date	Page
2778	09/30/14	1/1

Customer No. **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s

58171; 58172; 59693; 59694.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GPGH	09/23/2014	58171	Whitehorse	1.3	hour	1,045.00	1,358.50
FUEL131	09/23/2014	58171	Whitehorse	148.2	litres	1.35	200.07
Helicopter Hour - Aircraft GPGH	09/24/2014	58172	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/24/2014	58172	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GTNY	09/24/2014	59693	Whitehorse	1.5	hour	1,045.00	1,567.50
FUEL131	09/24/2014	59693	Whitehorse	171	litres	1.35	230.85
Helicopter Hour - Aircraft GTNY	09/25/2014	59694	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/25/2014	59694	Whitehorse	91.2	litres	1.35	123.12

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	5,275.16	263.76

Invoice Subtotal:	**$ 5,275.16**
Total Before Tax:	**$ 5,275.16**
Total Tax Amount:	**$ 263.76**
Total Amount:	**$ 5,538.92**

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OCT - 6 2014

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Invoice Number	Document Date	Page
2779	09/30/14	1/1

Customer No.: **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s

59695; 59696; 59697.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: **$**

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GTNY	09/26/2014	59695	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/26/2014	59695	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GTNY	09/27/2014	59696	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/27/2014	59696	Whitehorse	91.2	litres	1.35	123.12
Helicopter Hour - Aircraft GTNY	09/28/2014	59697	Whitehorse	0.8	hour	1,045.00	836.00
FUEL131	09/28/2014	59697	Whitehorse	91.2	litres	1.35	123.12

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	2,877.36	143.87

Invoice Subtotal:	**$ 2,877.36**
Total Before Tax:	**$ 2,877.36**
Total Tax Amount:	**$ 143.87**
Total Amount:	**$ 3,021.23**

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TRANS NORTH HELICOPTERS
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TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2780	09/30/14	1/1

Customer No.: **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s

58315; 58317; 58318.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft FSPE	09/23/2014	58315	Whitehorse	1.9	hour	1,695.00	3,220.50
FUEL131	09/23/2014	58315	Whitehorse	332.5	litres	1.35	448.88
Helicopter Hour - Aircraft FSPE	09/29/2014	58317	Whitehorse	1.8	hour	1,695.00	3,051.00
FUEL131	09/29/2014	58317	Whitehorse	315	litres	1.35	425.25
Helicopter Hour - Aircraft FSPE	09/29/2014	58318	Whitehorse	1.3	hour	1,695.00	2,203.50
FUEL131	09/29/2014	58318	Whitehorse	227.5	litres	1.35	307.13

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	9,656.26	482.81

Invoice Subtotal:	**$ 9,656.26**
Total Before Tax:	**$ 9,656.26**
Total Tax Amount:	**$ 482.81**
Total Amount:	**$ 10,139.07**

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proj code A/C 5072 Helicopters

TRANS NORTH HELICOPTERS
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TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2781	09/30/14	1/1

Customer No.	Federal Tax ID - Business Partner
FIRSPOI	

Ticket/s
58527; 58529.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GTNI	09/25/2014	58527	Whitehorse	1.6	hour	1,695.00	2,712.00
FUEL131	09/25/2014	58527	Whitehorse	328	litres	1.35	442.80
Helicopter Hour - Aircraft GTNI	09/26/2014	58529	Whitehorse	1.2	hour	1,695.00	2,034.00
FUEL131	09/26/2014	58529	Whitehorse	246	litres	1.35	332.10

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	5,520.90	276.05

Invoice Subtotal:	**$ 5,520.90**
Total Before Tax:	**$ 5,520.90**
Total Tax Amount:	**$ 276.05**
Total Amount:	**$ 5,796.95**

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proj code A/C 5092 Helicopters

TRANS NORTH HELICOPTERS
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P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Invoice Number	Document Date	Page
2782	09/30/14	1/1

Customer No.
FIRSPOI

Federal Tax ID - Business Partner

Ticket/s
56931; 56932.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GTNV	09/27/2014	56931	Whitehorse	1.6	hour	1,695.00	2,712.00
FUEL131	09/27/2014	56931	Whitehorse	304	litres	1.35	410.40
Helicopter Hour - Aircraft GTNV	09/28/2014	56932	Whitehorse	0.8	hour	1,695.00	1,356.00
FUEL131	09/28/2014	56932	Whitehorse	152	litres	1.35	205.20

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	4,683.60	234.18

Invoice Subtotal:	**$ 4,683.60**
Total Before Tax:	**$ 4,683.60**
Total Tax Amount:	**$ 234.18**
Total Amount:	**$ 4,917.78**

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proj code A/c 5072 Helicopters

TRANS NORTH HELICOPTERS
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Invoice Number	Document Date	Page
2793	09/30/14	1/1

Customer No.: FIRSPOI

Federal Tax ID - Business Partner

Ticket/s: 59698

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GTNY	09/30/2014	59698	Whitehorse	1.3	hour	1,045.00	1,358.50
FUEL131	09/30/2014	59698	Whitehorse	148.2	litres	1.35	200.07

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	1,558.57	77.93

Invoice Subtotal:	**$ 1,558.57**
Total Before Tax:	**$ 1,558.57**
Total Tax Amount:	**$ 77.93**
Total Amount:	**$ 1,636.50**

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OCT - 6 2014

proj code A/C 5072 Helicopter

TRANS NORTH HELICOPTERS
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TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

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Invoice Number	Document Date	Page
2814	10/20/14	1/1

Customer No.: **FIRSPOI**

Federal Tax ID - Business Partner

Ticket/s
56935; 56936; 56937.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GTNV	10/01/2014	56935	Whitehorse	1.7	hour	1,695.00	2,881.50
FUEL131	10/01/2014	56935	Whitehorse	323	litres	1.35	436.05
Helicopter Hour - Aircraft GTNV	10/03/2014	56936	Whitehorse	6.2	hour	1,695.00	10,509.00
FUEL131	10/03/2014	56936	Whitehorse	1,178	litres	1.35	1,590.30
Helicopter Hour - Aircraft GTNV	10/04/2014	56937	Whitehorse	4.7	hour	1,695.00	7,966.50
FUEL131	10/04/2014	56937	Whitehorse	893	litres	1.35	1,205.55

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	24,588.90	1,229.45

Invoice Subtotal:	**$ 24,588.90**
Total Before Tax:	**$ 24,588.90**
Total Tax Amount:	**$ 1,229.45**
Total Amount:	**$ 25,818.35**

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OCT 29 2014

proj code 780A A/C 5072 Helicopters

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Original

INVOICE

Invoice Number	Document Date	Page
2815	**10/20/14**	**1/1**

Customer No.
FIRSPOI

Federal Tax ID - Business Partner

Ticket/s
58173; 59699.

FIRST POINT MINERALS CORP

Suite 200-1155 West Pender St -
Vancouver BC V6E 2P4
CANADA

Currency: $

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft GPGH	10/02/2014	58173 ✓	Whitehorse	2.4	hour	1,045.00	2,508.00
FUEL131	10/02/2014	58173 ✓	Whitehorse	273.6	litres	1.35	369.36
Helicopter Hour - Aircraft GTNY	10/01/2014	59699 ✓	Whitehorse	1	hour	1,045.00	1,045.00
FUEL131	10/01/2014	59699 ✓	Whitehorse	114	litres	1.35	153.90

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	4,076.26	203.81

Invoice Subtotal:	**$ 4,076.26**
Total Before Tax:	**$ 4,076.26**
Total Tax Amount:	**$ 203.81**
Total Amount:	**$ 4,280.07**

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OCT 2 9 2014

proj 780-A
code A/c 5072 Helicopters
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