2012 GEOLOGICAL, GEOCHEMICAL, AND GEOPHYSICAL REPORT ON THE MICH PROPERTY

NTS 105D/09

548,920mE, 6,719,370mN

UTM NAD 83 zone 8

MICH 1-84 YD87607-87690, MICH 85-96 YD88015-88026

Whitehorse Mining District, Yukon Territory

By

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February 19, ~~2012~~ 2013

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1.0 INTRODUCTION

The Mich property covers a portion of the Cache Creek complex that consists of ultramafic and sedimentary rock bodies of oceanic affinity. First Point Minerals completed helicopter supported detailed mapping, rock sampling, and a ground based geophysical magnetic survey to evaluate the potential for a bulk tonnage nickel iron alloy (awaruite) target on the Mich property.

2.0 PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Mich property is comprised of 96 continuous quartz claims that are owned 100% by First Point Minerals Corp. The claim group is located 55km southeast from Whitehorse, and 18km east from the community of Marsh Lake (Figure 1). The claim group covers approximately 1931 hectares.

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

The property is accessible by helicopter from Whitehorse, or by an ATV trail. Most of the trail's watercourse crossings have been washed out. Helicopter access during the 2012 exploration program was provided by a Bell 206L3 Long Ranger, and Bell 206 Jet Ranger operated by Canadian Helicopters and Trans North Helicopters, respectively.

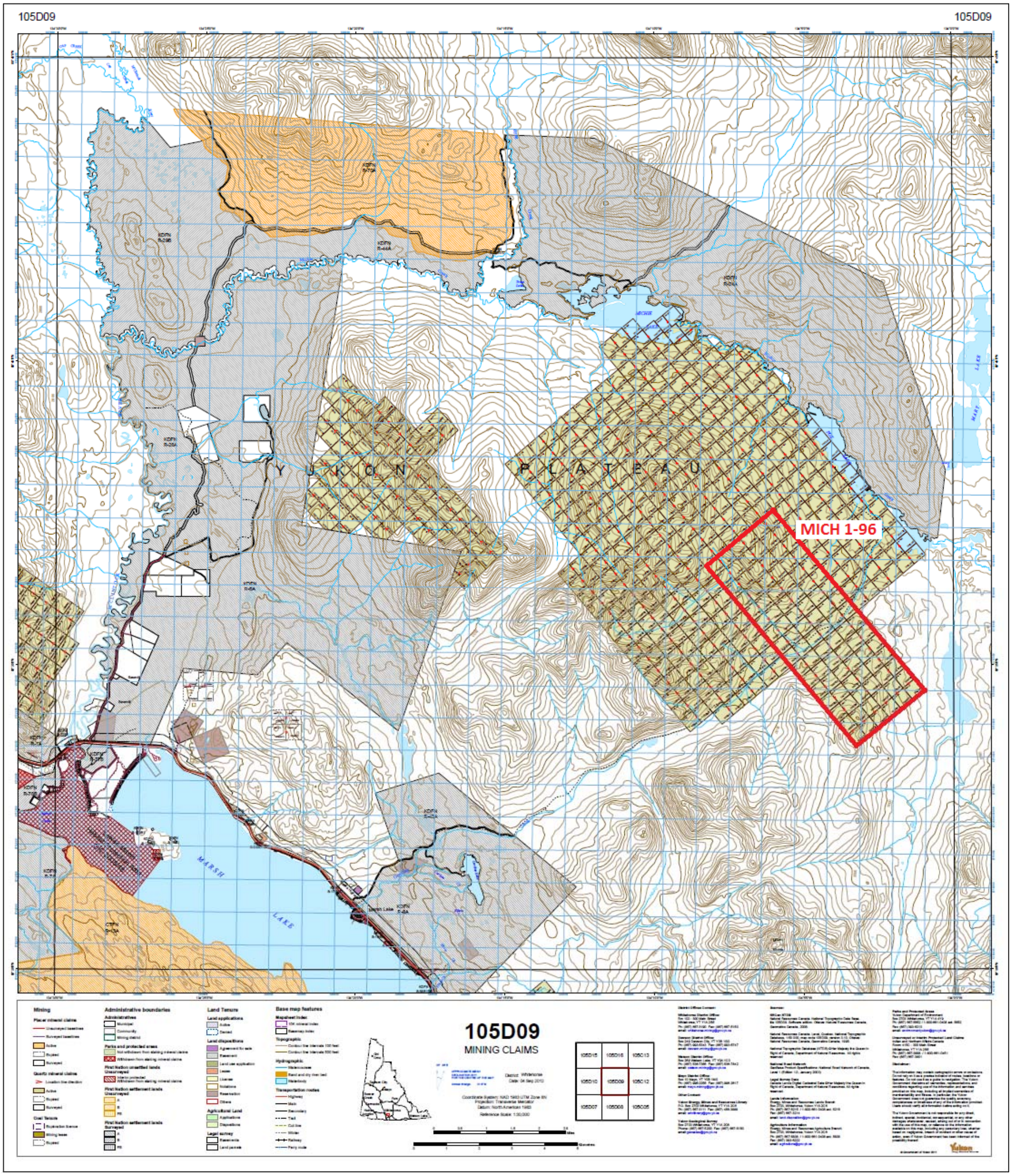

Figure 1 Location of Mich 1-96 claims (Government of Yukon, 2012)

3.0 HISTORY

The area south of Michie Lake and west of Fox Lake has been subject to mineral exploration targeting Ni, Cu, Cr, PGE, Au, and asbestos discontinuously since 1969:

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 130ppb 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 2290ppm and 2310ppm. The remaining elements reported background values (Hulstein, 1987 and 1988).

2011 - First Point Minerals conducted reconnaissance mapping and sampling on the ultramafic complex west of Fox Lake and south of Michie Lake targeting Ni-Fe alloy mineralization. Mineralized samples bearing Ni-Fe alloy (awaruite) over a large target area indicated good potential for a bulk-tonnage Ni-Fe deposit. Following this discovery, Mich 1-96 was staked in September covering a broad Ni-Fe target area.

4.0 CURRENT WORK

During the 2012 field season First Point Minerals conducted detailed geological mapping and bedrock sampling. A total of 150 rock samples were submitted for laboratory analysis. Petrographic studies including microscopy and SEM probe analysis was conducted on 6 samples collected during the 2012 field campaign (Appendix III). A ground based magnetometer geophysical survey consisting of 94 line kilometers was also conducted on the property.

5.0 REGIONAL GEOLOGY

The MICH property is located within the Intermontane morphogeographical belt, and covers portions of the Cache Creek terrane. The Cache Creek terrane represents a tectonically emplaced package of rocks with exotic oceanic affinity. The Cache Creek terrane is bound to the east by volcanic and sedimentary rocks of the Yukon Tanana terrane by the Tintina fault and to the west by Laberge group volcanic and sedimentary rocks of the Stikinia-Quesnellia super terrane by the northern continuation of the Nahlin fault (Wheeler end McFeely, 1991). The Nahlin fault is exposed southeast of the Atlin area and is associated with large, continuous ultramafic rock bodies near and at its base that are juxtaposed against Inklin arc clastic sedimentary rocks. This trend continues into the Yukon, however, fault bound volcanic and sedimentary rocks belong to the Labearge group

Inboard of major terrane boundaries, structural relationships between Cache Creek and Stikine terranes are more complex. Wheeler and McFeely (1991) indicate that rocks belonging to Cache Creek terrane plunge beneath and form the basement to the Stikinia terrane. However, in some areas, specifically the western Teslin Lake area, the Cache Creek terrane forms a large thrust sheet above Stikine terrane. The inconsistent field observations are most likely attributed to subsequent late stage northeast trending normal faults that have offset the two terranes and have juxtaposed Stikinia and Cache Creek terranes. Mapping within the Whitehorse trough and Marsh Lake area indicates these field relationships are common (see Colpron, 2011). The best exposures of the faults occur southeast of Streak Mountain and north of Jakes Corner. In these localities, Cache Creek chert-bearing clastic sedimentary rocks are fault bound to a chert-free clastic succession of Stikinia terrane affinty which are found along strike to the northwest.

Contacts within the Cache Creek terrane are mainly considered to be either steeply dipping late stage normal faults, or basal thrust faults where ultramafic rocks of the Cache Creek terrane occur as tectonic flakes structurally above the Stikina terrane (Mihalynuk, 2004). Evidence for thrust faulting at the base of the Cache Creek terrane is provided within the northern Teslin Lake area (Gordey, 1992). This is also consistent with two ultramafic complexes 17.7 km northwest of Streak Mountain, and 26.4 km west-northwest of Streak Mountain in the Whitehorse map area (Wheeler, 1951). These two ultramafic complexes are surrounded by, and presumably rest directly above Stikine clastic rocks.

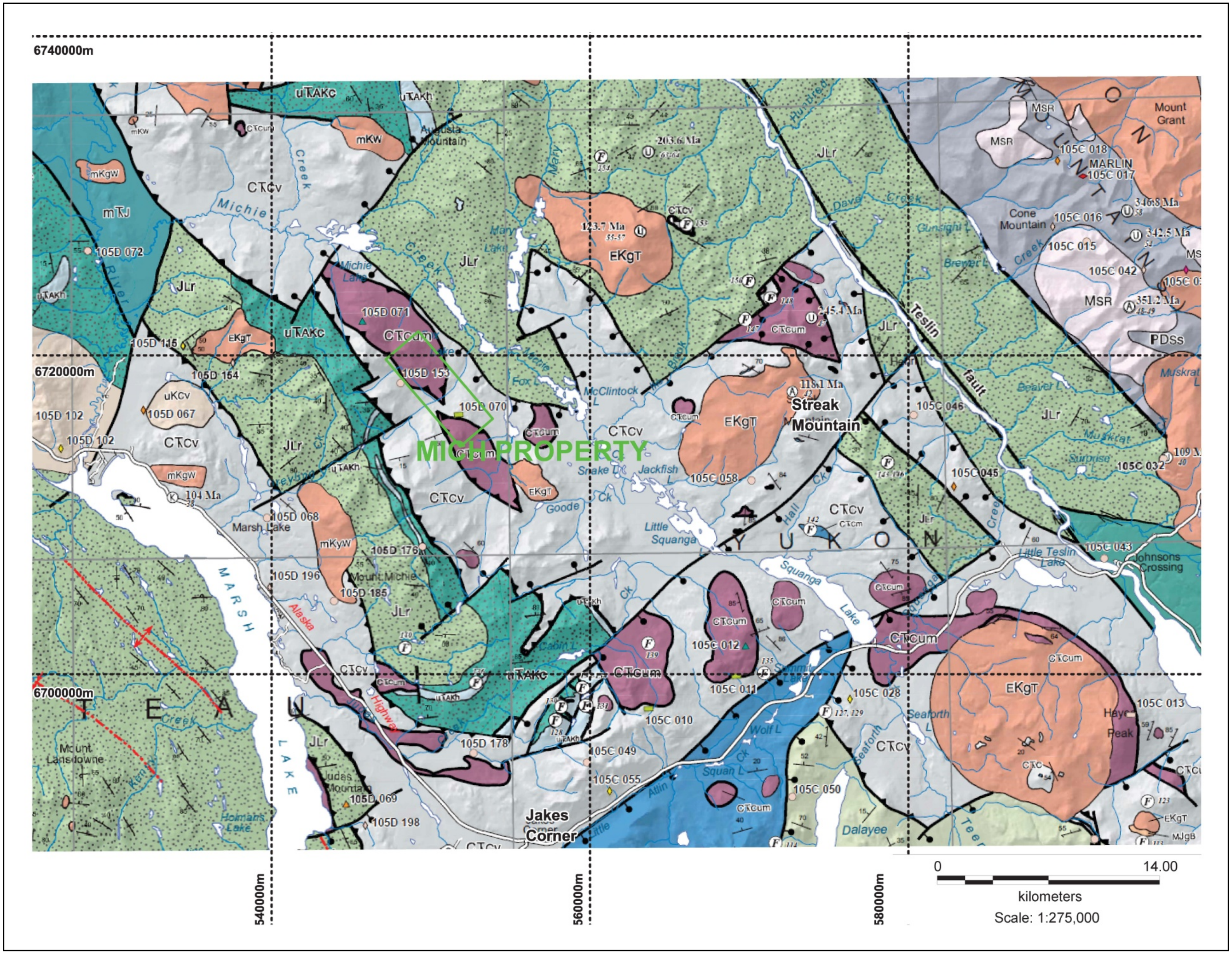

Figure 2 Regional geology of the Mich property (Colpron, 2011)

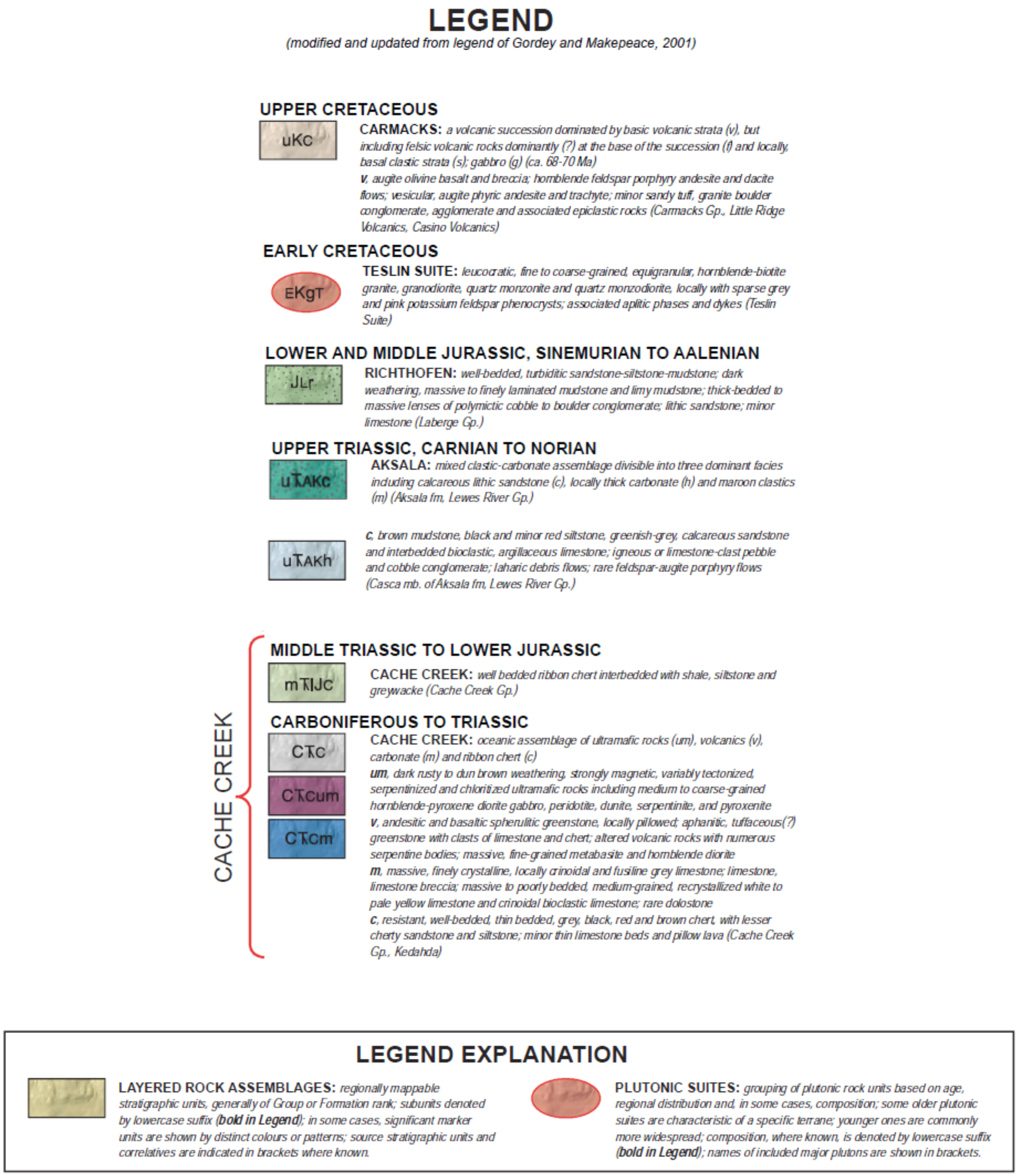

Figure 3 Legend for the Mich regional geology map (Colpron 2011)

6.0 PROPERTY GEOLOGY

6.1 Rock Types

Two principal rock types exist on the Mich property. The predominant lithologies on the property are ultramafics, and metasediments belonging to the Cache Creek complex. Fine grained clastic sedimentary rocks of the Richtoffen formation occur on the west margin of the property.

6.1.1 Ultramafics

Ultramafics consist of variably serpentinized peridotite. The two dominant rock types consist of variably serpentinized pyroxene-phyric harzburgite, and lherzolite that show varying degrees of brittle-ductile deformation. Rare discontinuous bodies of serpentinized dunite, and fine grained peridotite also occur on the property.

Pyroxene-phyric serpentinized harzburgite and lherzolite is dark-green-black to medium green-grey in color, with 65 to 90% fine to medium grained olivine, and 10 to 35% medium to coarse grained opx (orthopyroxene) and lesser cpx (clinopyroxene). Typically cpx appears fresh, and opx is pseudomorphed by serpentine forming bastite after opx. Locally, pyroxene can exceed 60% as rare cumulate textured peridotite. Harzburgites and lherzolites are moderate to strongly magnetic and exhibit moderate to strong serpentinization. Tectonized peridotites are variably foliated and exhibit breccia textures. Dunite is typically very fine grained, containing accessory pyroxene, and disseminated fine grained chromite. Generally, moderate to strongly serpentinized harzburgite and lherzolite occur on the west portion of the property, whereas finer grained ultramafics exhibit weak to moderate serpentinization on eastern portion of the property.

6.1.2 Sediments

Resistant and well to thinly bedded cherts which are grey, black, red, or brown in colour of the Kedaha formation lie in fault contact on both sides of the ultramafic unit on the property.

Thinly laminated to thinly bedded hetrolithic siltstone-mudstone occurs on the northeast side of the property near the claim boundary and belongs to the Richthoffen formation. The sediments of are probably in fault contact with the ultramafics and a thin panel of cache creek sediments, but there is no clear field evidence due to lack of outcrop.

6.2 Structure

Microfractures, and crosscutting magnetite-stockwork veining in hand sample indicates that the ultramafic unit underwent multiple breakage and brecciation events prior to and during serpentinization.

Fault and shear zones are marked by slickensides, gouge and breccia textures. Joints typically trend northeast, and dip moderately steep to the northwest. This pattern may reflect large northeast trending structural breaks noted in the region (Colpron 2011).

Penetrative foliation trend northwest, and dip steeply to the southwest. These orientations emulate the main fault contacts of the ultramafic and may indicate strike slip motion of these faults. The steep dip of these foliations may also indicate a subvertical contact between the ultramafics and the sediments of the Richtoffen formation to the west.

6.3 Alteration

Two types of alteration are common within the Mich property: serpentinization and Fe-carbonate alteration. Most ultramafics within the northern portion of the property have been moderate to strongly serpentinized. Strong serpentinization is recognized by darker groundmass, and greater abundance of magnetite, typically as stockwork veining. These strongly serpentinized zones are typically structurally controlled inboard from the main contacts of the ultramafic body. Magnetite and serpentine is typically vein controlled, and overprints brittle fractures. Moderate to strongly serpentinized rocks typically form a crackle breccia texture.

Fe-carbonate alteration rimming has been observed at a local scale, and is recognized in the field by magnetite destructive alteration of serpentinized peridotite, and the formation of soft orange weathering rind. Fe-carbonate alteration has been observed at a local scale constrained to few outcrops in the south and north extents of the property. Fe-carbonate is typically associated with major contacts and associated shear zones, and late stage intrusive rocks.

6.4 Mineralization

Ni-Fe alloy mineralization occurs disseminated within peridotite on the Mich property. Ni-Fe alloy mineralization is present as awaruite that occurs as fine grained (50μm) simple grains to composite grains exceeding 500μm. The coarser grained awaruite-bearing composite grains are typically associated with magnetite, pentlandite, heazlewoodite, and chromite (see Appendix III). Two target areas have been identified that contain coarse grained composite awaruite grains. These target areas were delineated based on visual inspection of hand samples and later confirmed using petrographic microscope and SEM. The zones are located on to the northwest trending ridge line in the centre of the claim group, and on the lower southeastern side of the ridge.

7.0 GEOCHEMISTRY

7.1 2012 Rock Sampling

Geological mapping and sampling was conducted during the 2012 field season by collecting rock samples from outcrop and locally derived float boulders or boulder trains. The sample spacing was 50m where outcrop is available. In total, 246 rock samples were collected during the 2012 field season (Figure 4).

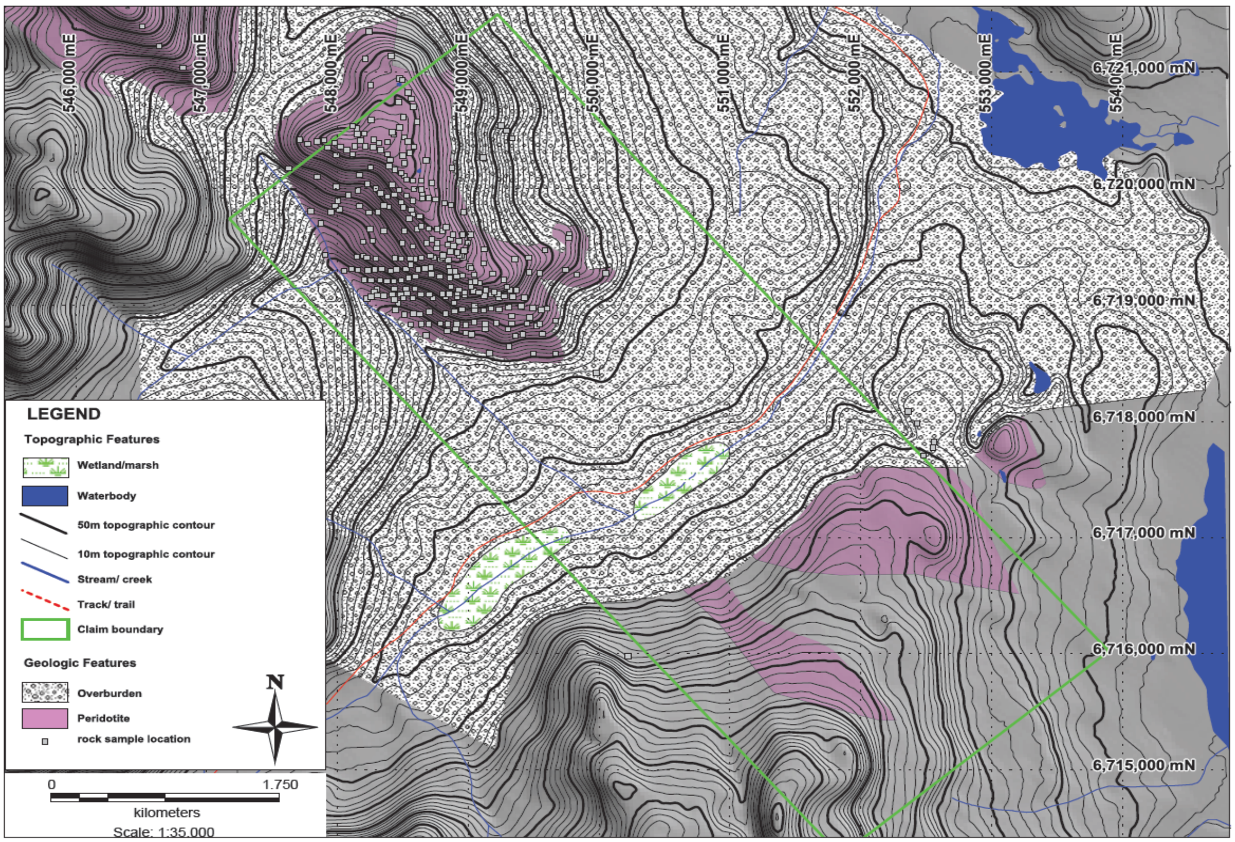

Figure 4 2012 rock sample locations on the Mich property

7.1.1 Rock Sampling Methodology

Rock samples were collected in the field by recovering a representative hand sample measuring approximately $10cm^3$, in addition to fresh rock chips that were collected from a representative 30 cm^2 area. Outcrops were located using handheld Garmin™ GPS devices. The hand samples collected in the field were subsequently cut and logged. Observations of the rock type, degree of serpentinization, magnetic susceptibility, descriptive mineralogy including awaruite grain size and textures were entered into an excel spreadsheet (see Appendix II). Rock samples were later joined with their coordinates and plotted using MapInfo GIS software.

7.2 Analytical Methodology

150 samples containing Ni-Fe alloy mineralization were sent to Acme Analytical Laboratories in Vancouver, B.C. for analysis. The samples were prepared using prep code R200-250 and assayed using sample packages 1E and 8FPX. The sample preparation involves crushing the whole sample to 85% passing -10 mesh. A 250g split is then pulverised to 85% passing -200 mesh. The 1E analysis consists of a hot 4-acid digestion using a 0.25g split using HNO3-HClO4-HF digestion taken to fuming, and later dried. The residue is dissolved in HCl and analyzed by ICP-ES. Analytical package 8FPX is a proprietary laboratory partial extraction method for determining Ni in alloy content that is used under license by Acme Labs from First Point Minerals.

7.3 Rock Sample Results

Rock sample geochemical data for 8FPX and 1E analysis is shown in Figures 5 and 6. Partial extraction values correspond to the certificates provided in Appendix IV. Three target areas were generated using Ni in alloy grade contours of 700, and 800ppm Ni in alloy.

The largest of these mineralized domains is the south target that measures approximately 750m across its long axis, and 240 to 480m across its short axis, and has a vertical extent of 60m. The south zone remains open to the east and southeast. Assay results from 16 samples range from 592ppm to 1096ppm Ni in alloy, and average 877ppm Ni in alloy. The exploration potential south of the largest mineralized domain is hindered due to a lack of outcrop in the area, and thick surficial cover.

A central target is located 390m to the northwest of the south target. Ni in alloy grades between the two target areas are generally patchy, however small ($100m^2$) pods exceeding 800ppm Ni in alloy do occur. This central target measures 550m across its long axis and 130m to 320m across its shortest axis. Assay results from 19 samples range from 475ppm to 1483ppm Ni in alloy, and average 962ppm Ni in alloy.

The northernmost target area is located 430m northwest of the central target area. The anomalous zone measures 220m by 580m and is represented by 10 outcrop samples that have Ni in alloy results that range from 260ppm to 1112ppm and average 642ppm. Between this area and the central zone continuity of Ni in alloy grades is inconsistent. Sampling to date suggests a significant break between the two zones.

Other anomalous samples that were reported from the southernmost portion of the property, located 2.5km southwest across the valley from the three main target areas, is a single weakly anomalous sample (12MMP027) with a Ni in alloy result of 459ppm. Outcrop within the southern portion of the property is sparse due to the relatively low relief and overburden.

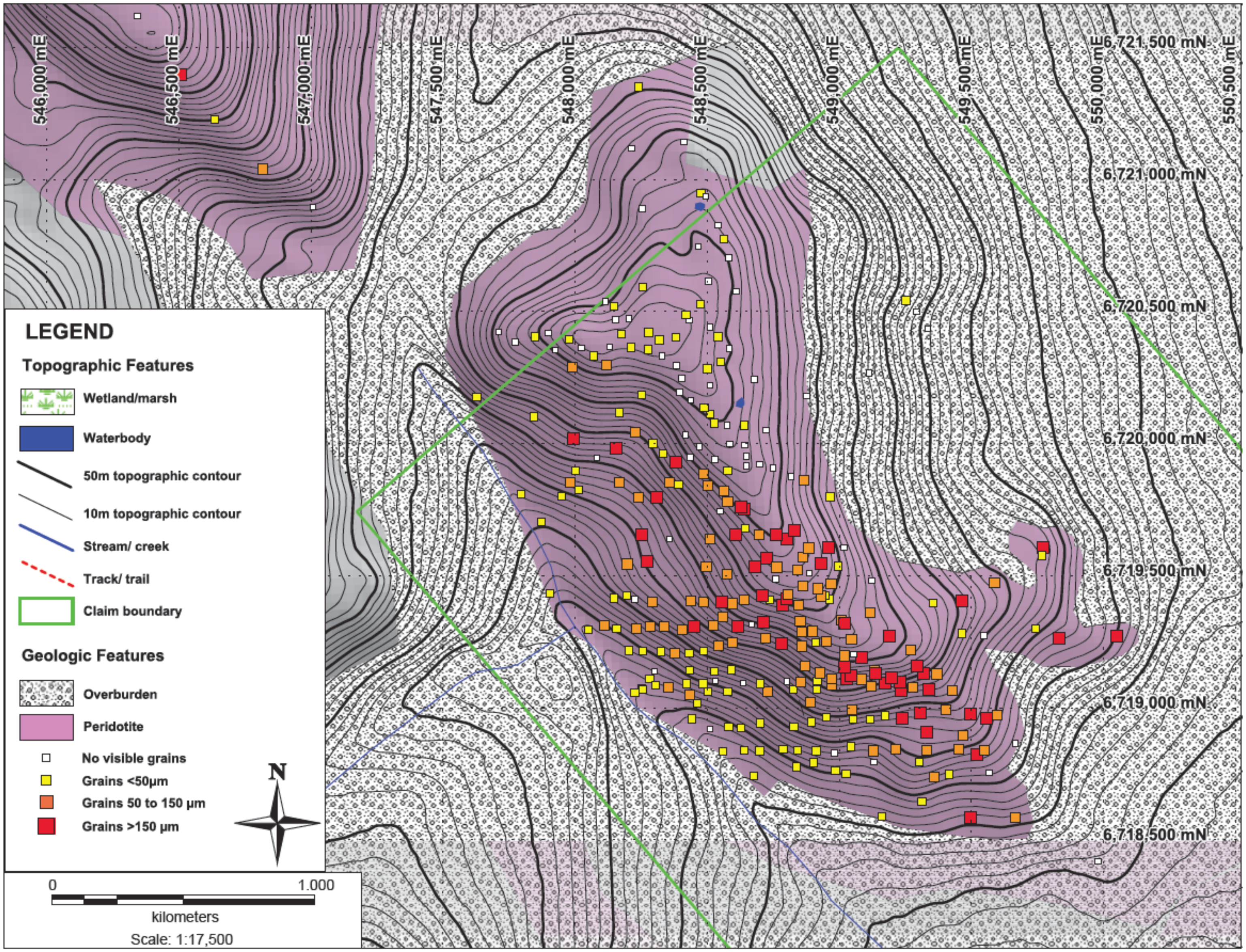

Figure 5 Awaruite grain size distribution for 2012 rock samples on the Mich property

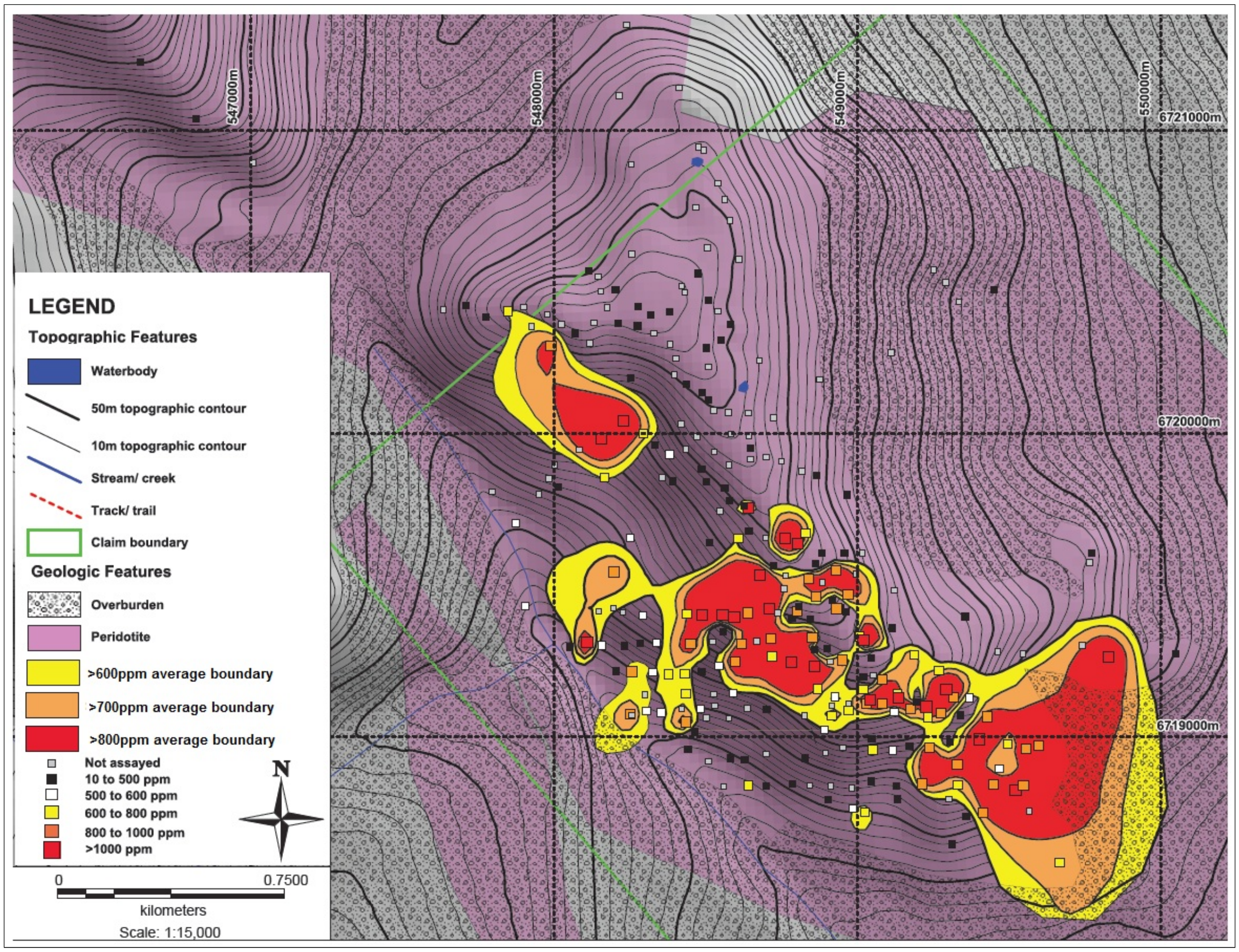

Figure 6 Partial extraction values for 2012 rock samples on the Mich property

8.0 GEOPHYSICS

8.1 Overview

The serpentinized ultramafic rocks within the target areas on the Mich property are permissible for hosting awaruite. This rock type has a very high magnetic response that makes it amenable to remote detection using an Overhauser magnetometer. The property was visited on three separate occasions during the summer of 2012 to complete the ground based geophysical survey.

8.2 Geophysical Survey

The 2012 geophysical survey included 85 line-kilometres that consisted of 23 lines (Figure 7). Line spacing was 200m, with the exception of the three southernmost lines that were 400m apart. Lines were between 2.9km and 4.8km in length and oriented at 040°, perpendicular to known northwest trending contacts. The survey covered a total area of 19.7 square-kilometres. A single line was not surveyed due to instrument failure. Time constraints of the field program did not permit any data to be acquired from this line.

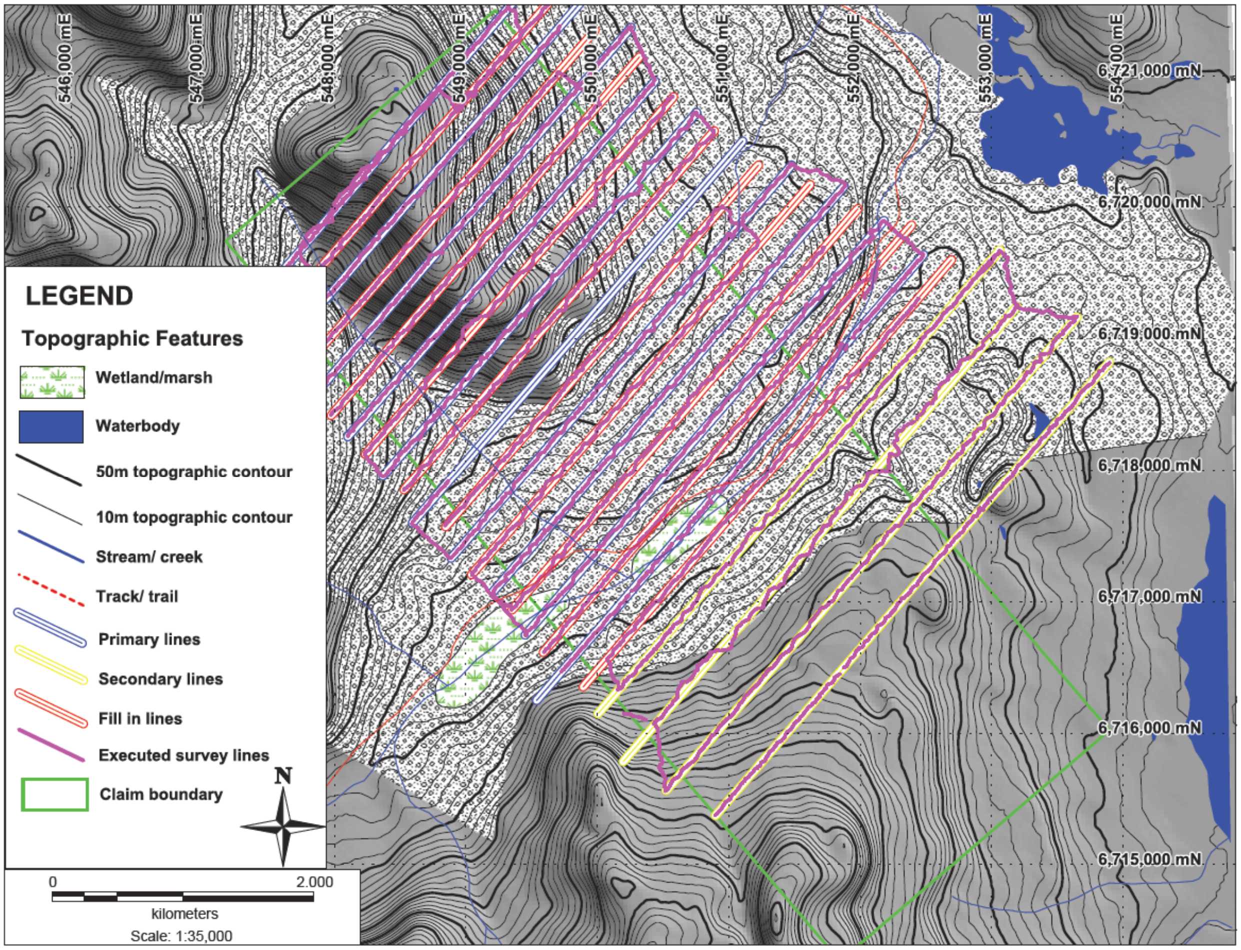

Figure 7 Executed geophysical survey lines plotted against planned lines

8.3 Instrumentation

One GEMSYS GSM-19W v7.0 walking Overhauser magnetometer with integrated GPS was used to survey the area. The magnetometer was used in walking mode, with measurements taken every 1 second and paired with the location using latitude and longitude with WGS84 projection. Time was recorded with reference to UTC (Coordinated Universal Time).

A base station magnetometer (Overhauser GSM-19 v7.0) was synchronized to the field unit and measured the static magnetic field every 3 seconds. Acquired data from the base station was downloaded daily and viewed to ensure that diurnal fluctuations measurements never exceeded ±250nT.

8.4 Data Processing

Acquired uncorrected magnetometer data was plotted daily and cross-referenced to GPS tracks recorded using a Garmin GPS map 60CSx handheld GPS device. Data was corrected for diurnal fluctuations in the Earth's magnetic field using GEMLink 5.2. The corrected data was compiled using Microsoft Excel and filtered for quality control of field readings. Erroneous readings were removed from the dataset. Field data was plotted with MapInfo using latitude, longitude using the WGS84 projection. This data was later transformed to UTM NAD 83; zone 8 projection using MapInfo-Discover. Line data was created with Mapinfo-Discover using the standard kriging method (Figure 8) with a cell size of 4m and an elliptical search grid with a major search axis of 16m oriented at 045°. Final gridded data was created using MapInfo-Discover's Surfaces tool from compiled data using 4m cells, minimum curvature gridding method, and clipped using near-far technique with a minimum of 25m and maximum of 400m (Figure 9).

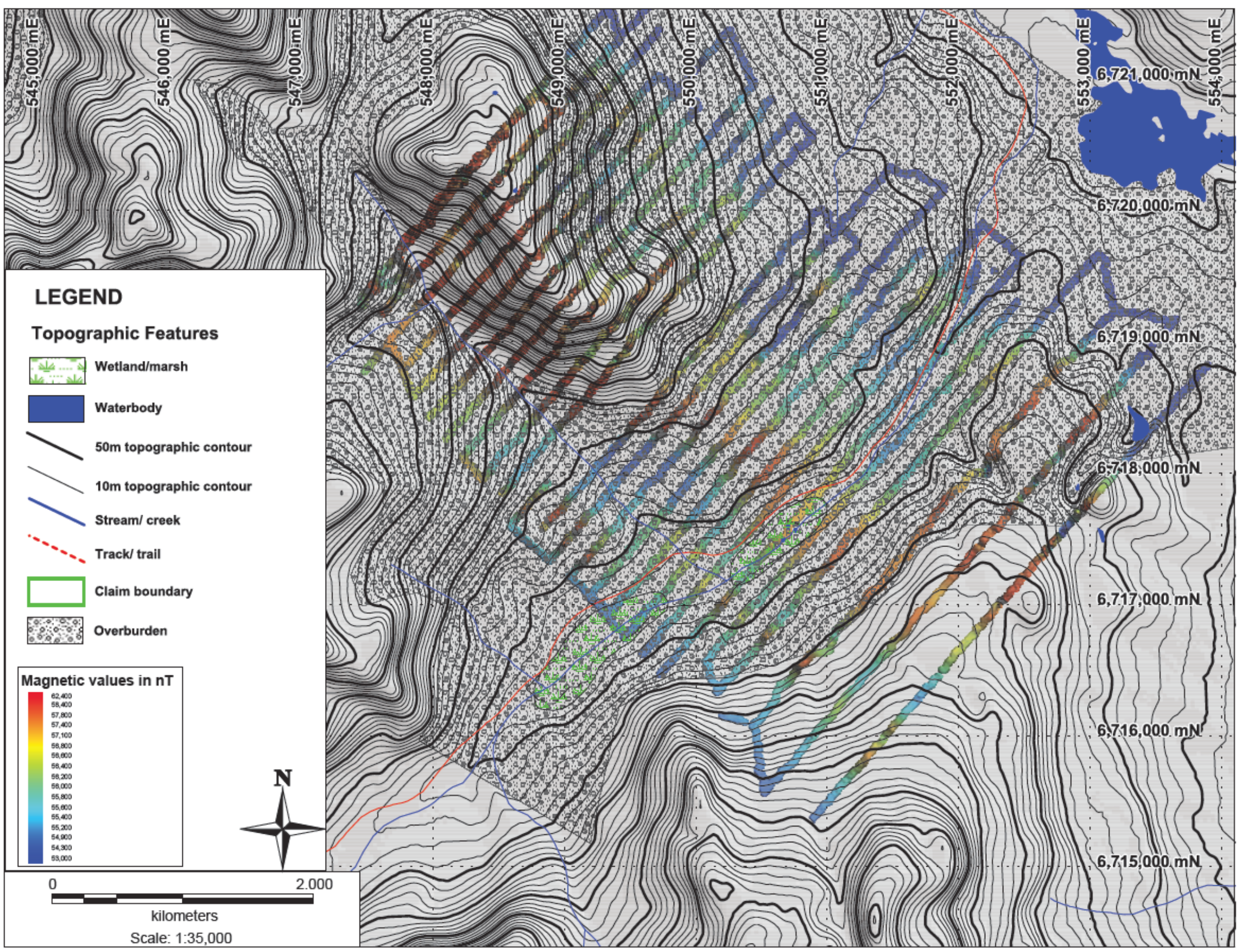

Figure 8 Acquired geophysical line data

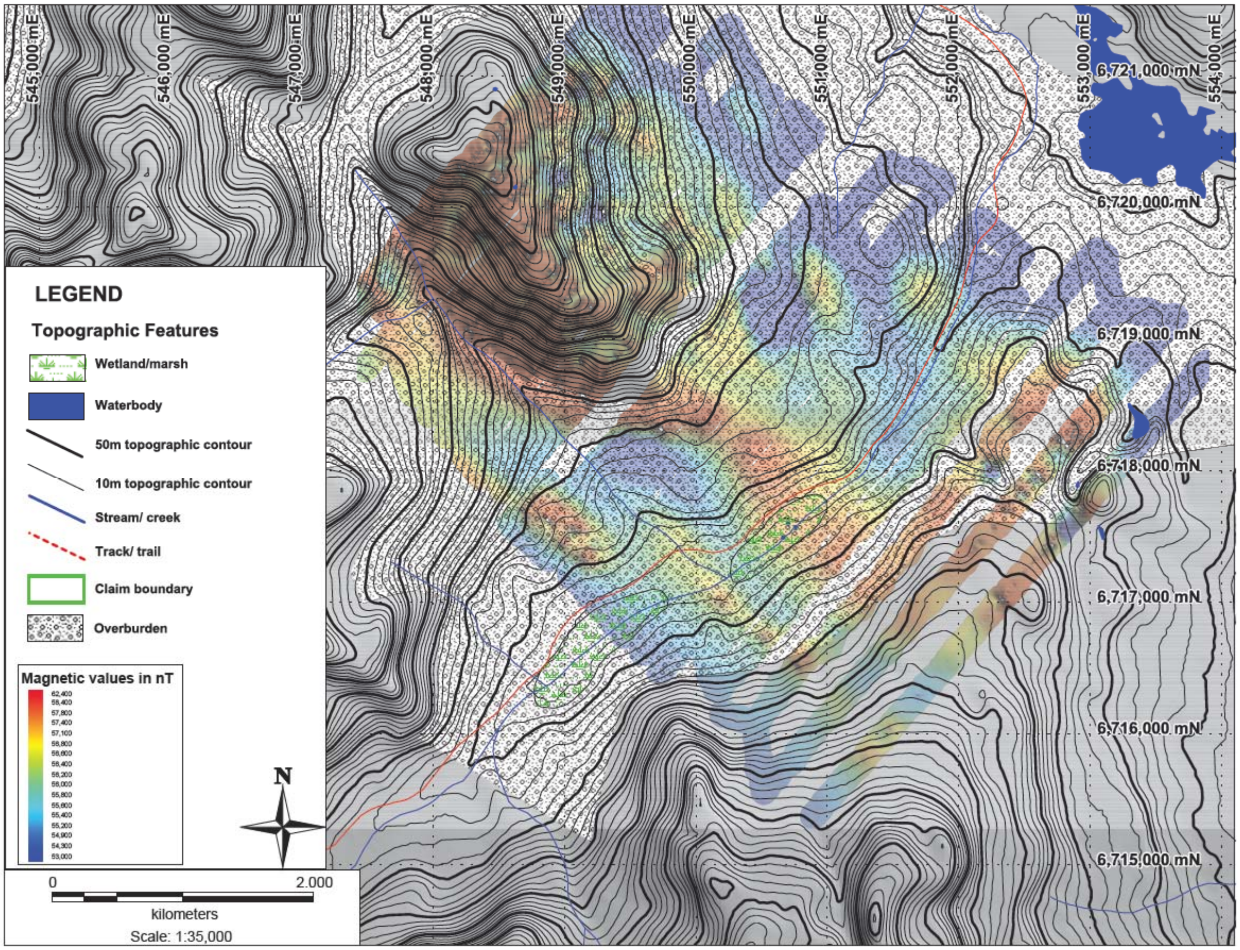

Figure 9 Gridded geophysical data

8.3 Geophysical Survey Results

The juxtaposed rock types of the survey area show characteristically different magnetic response. The rock types showing the highest magnetic response are strongly serpentinized ultramafics. The ultramafic complex is in fault contact to the east with a mixed unit consisting of a mixed sequence of sediments and metasediments. The western contact is similar, however, the rock type is characterized by a thinly laminated to thinly bedded heterolithic siltstone-mudstone. Both bounding rock units have a much lower magnetic response than the fault bounded serpentinized ultramafic that outcrops over most of the northern claim group. The sharp gradient between the magnetic high and low response near the eastern contact may suggest a steeply dipping contact.

Within the ultramafic, domains of low to medium magnetic response are common. Geological mapping indicates that small and discontinuous domains of isolated magnetic low to medium response correlate well with small (<1m) discontinuous areas of Fe-carbonate alteration. These areas may also correspond with intrusive rocks of limited areal extent, and may include gabbro and altered felsic dikes (plagiogranite). Broad zones of low to medium magnetic response correlate with pervasive magnetite-destructive Fe-carbonate alteration and weakly serpentinized peridotite. These zones may also indicate substantial overburden covering the serpentinized ultramafic, especially within the valley bottom. The magnetic high response within the valley bottom is moderately attenuated by thick surficial cover. The continuity of magnetic high response from the northwest portion of the property to southeast indicates that the ultramafic body is continuous across the valley. Northeast trending lineaments are interpreted to be late stage faults that offset portions of the outlying ultramafic knockers, and may cross cut the main ultramafic body as well (Figure 10).

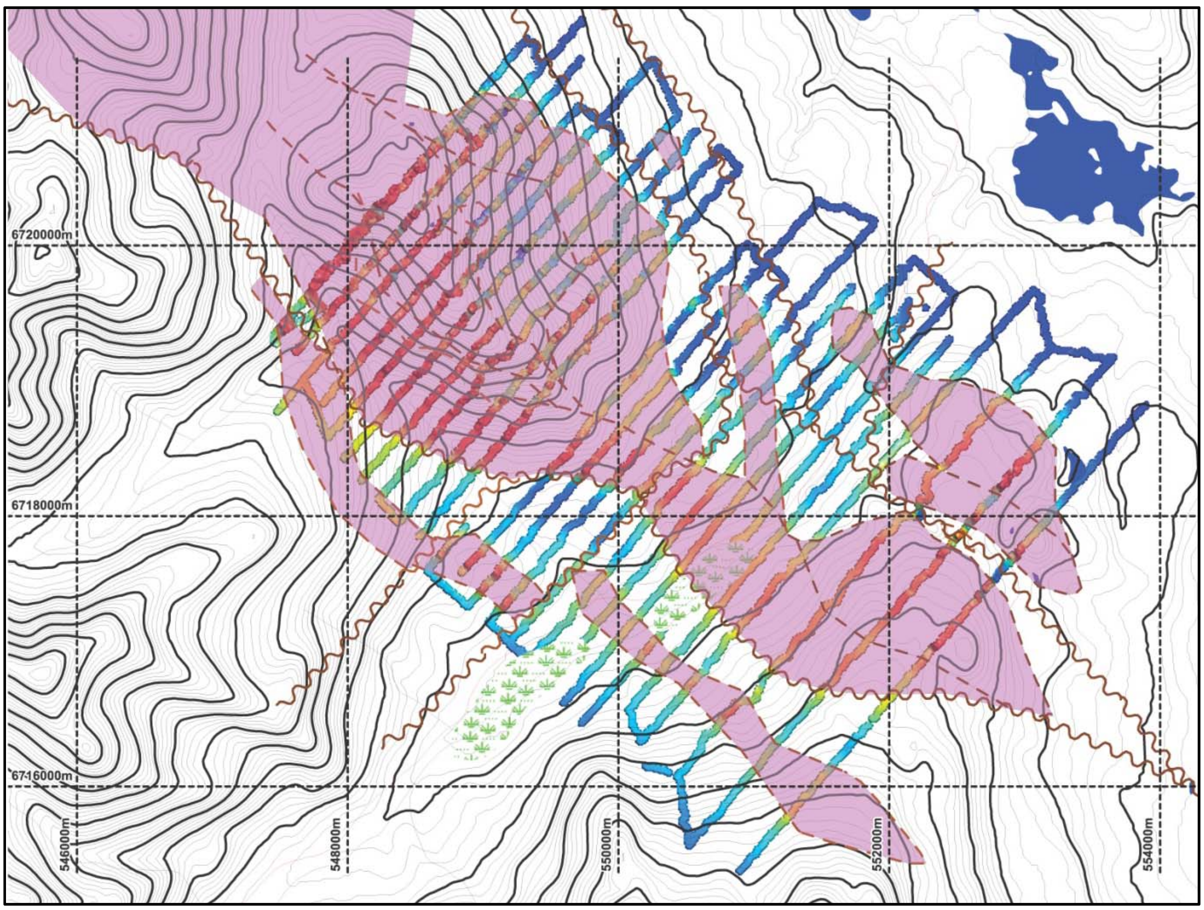

Figure 10 Geophysical Interpretation

9.0 CONCLUSIONS

The Mich property covers a portion of the Cache Creek complex that represents ultramafic and sedimentary rock bodies of oceanic affinity. Nickel-Iron alloy mineralization or disseminated awaruite was discovered in a serpentinized ultramafic host rock during reconnaissance field work in August 2011; the area was then staked in September 2011.

During the 2012 field season, First Point Minerals completed detailed geological mapping and rock sampling to evaluate the potential for a bulk tonnage nickel iron alloy target, and further define targets that had been generated from work conducted during 2011. Three target areas were delineated based on awaruite grain size and Ni in alloy analytical results. The largest of these mineralized domains is the south target that measures approximately 750m across its long axis, and averages 360m across its short axis and remains open to the southeast along the trend of mineralization. Surface sampling indicates that this target has a vertical extent of 60m. Assay results from 16 samples within this target area average 877ppm Ni in alloy. Rock samples that assay below 600ppm Ni in alloy may represent discontinuity between two other smaller target areas to the northwest.

Results from the ground based magnetometer survey indicate a large, continuous high magnetic response and locate well defined contacts. This high magnetic response demonstrates property wide continuity of ultramafic rocks with a northwest-southeast strike and awaruite mineralization may extend to southeast below cover in valley bottom.

10.0 RECOMMENDATIONS

Follow up work should include Davis Tube testing, detailed bedrock mapping and rock sampling, and, if warranted, a diamond drilling program:

- Davis tube magnetic separation analysis will be conducted on 8 to 12 representative samples from the north and south target areas to characterize the magnetic products particularly awaruite verses composite grains of awaruite-sulphides.
- Follow up mapping and sampling is recommended in the southern target area, including channel sampling if there is continuous outcrop and trenching if there is not.
- Detailed mapping and sampling should be conducted in the southeast extent of the magnetic high where overburden masks much of the area. The continuity may suggest a contiguous blind target in the valley bottom.
- Based on the results above a 1,000m drill program consisting of three 300m to 350m holes drilled on sections spaced 500m apart to test the best target and perhaps potentially extend the southeast target.

11.0 REFERENCES

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AUTHOR STATEMENT AND QUALIFICATIONS

I, Ronald M Britten, Ph.D., P.Eng. certifies that:

1. I reside at 3525 West 26th Street, Vancouver, British Columbia, Canada.

2. I have degrees from the University of British Columbia B.Ap.Sc. 1974 and a Ph.D. 1982 from the Australian National University, Canberra, Australia.

3. I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia (license #109865).

4. I have worked as an exploration geologist for more than 35 years in numerous countries, exclusively in the mining and mineral exploration industry.

5. I have supervised work done on the MICH property.

6. I have been an officer (VP Exploration) of First Point Minerals Corp. since 1996 and hold stock and stock options in First Point Minerals Corp.

7. I have read the definition of “qualified person” set out in National Instrument 43-101 and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfill the requirements to be a Qualified Person.

8. I consent to the filing and any publication of this Assessment Report.

This report dated February 19, 2013

____

Ron M Britten, Ph.D., P.Eng.

“signed and sealed”

AUTHOR STATEMENT AND QUALIFICATIONS

I, Ian James Alexander Carr, B.Sc. certifies that:

1. I have a Bachelor of Science degree from the University of British Columbia, 2011.

2. I have supervised all aspects of the field work done on the MICH property.

3. I have spent 17 field days on the MICH property during the 2012 season, and have supervised all aspects of the field work.

4. I have been an employee of First Point Minerals Corp. since 2010 and hold stock, and stock options in First Point Minerals Corp.

5. I consent to the filing and any publication of this Assessment Report.

This report dated February 19, 2013

____

Ian James Alexander Carr, B.Sc.

"signed and sealed"

AUTHOR STATEMENT AND QUALIFICATIONS

I, Trevor Rabb, B.Sc., GIT, hereby certify that:

1. I have a Bachelor of Science degree from Simon Fraser University, Burnaby, B.C. from 2008, and have practiced my profession in geology since that time.

2. I am a Geoscientist in Training (GIT) registered with the Association of Professional Engineers and Geoscientists of British Columbia.

3. I have been continuously employed with First Point Minerals Corporation of Suite 906 – 1112 West Pender Street, Vancouver since 2010 as a project geologist conducting exploration on ultramafic hosted Ni-alloy deposits in Canada and Australia, and hold stock options in First Point Minerals Corp.

4. I have been continuously employed as a geologist in Canada since 2008.

5. I have reviewed field work done by others on the Mich property.

6. I consent to the filing and any publication of this Assessment Report

This report dated February 19, 2013

____

Trevor Rabb, B.Sc., GIT

“signed and sealed”

APPENDIX I - PROJECT EXPENDITURES

Personnel (Name)* / Position	**Field Work**	**Days**	**Rate**	**Subtotal***	
Ian Carr / Geologist	May 20 - 26, May 30 - June 4, July 10-16	20	$348.00	$6,960.00	
Mireille Peltier / Geologist	May 20 - 26, May 30 - June 4, July 10-16	20	$260.00	$5,200.00	
Darcy Vis / First Aid / Field assistant	May 20 - 26, May 30 - June 4, July 10-16	20	$260.00	$5,200.00	
Sarah Russell / Field Assistant	May 20 - 24, May 30 - June 2	9	$175.00	$1,575.00	
Keith Baker / Field Assistant	May 20 - 26, May 30 - June 4, July 10-16	20	$220.00	$4,400.00	
Justin Schick / Field Assistant	May 20 - 24, May 30 - June 2	9	$175.00	$1,575.00	
				$24,910.00	**$24,910.00**
Office Studies	**List Personnel (note - Office only, do not include field days**				
Literature search	Ian Carr	2.0	$260.00	$520.00	
Database compilation	Ian Carr	1.0	$260.00	$260.00	
Computer modelling	Ian Carr	2.0	$260.00	$520.00	
Reprocessing of data	Ian Carr	1.0	$260.00	$260.00	
General research	Ian Carr	2.0	$260.00	$520.00	
Geophysical data compilation	Trevor Rabb	1.0	$443.00	$443.00	
Report preparation	Trevor Rabb	2.0	$443.00	$886.00	
Report preparation	Ian Carr	4.0	$348.00	$1,392.00	
Report preparation	Ron Britten	1.0	$868.00	$868.00	
Thin Section Analysis	Marie Gagnon	2.0	$376.00	$752.00	
				$6,421.00	**$6,421.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
Magnetics	Ground Mag - instrument rentals			$7,300.00	
Other (specify)	Equipment set up fee			$250.00	
				$7,550.00	**$7,550.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Rock	*128 Rock samples, 8FPX and 1E (Acme Lab*	128.0	$47.38	$6,064.64	
Petrology	6 samples for Polished Thin Section	6.0	$125.00	$750.00	
				$6,814.64	**$6,814.64**
Transportation		**No.**	**Rate**	**Subtotal**	
truck rental	1 month, with insurance	1.00	$3,531.58	$3,531.58	
Diesel		350.00	$1.38	$483.00	
fuel		25.00	$1.45	$36.25	
Helicopter (hours)	Canadian Helicopters - B206L (C-GMHY)	9	$1,350.00	$11,880.00	
Fuel (litres/hour)	Canadian Helicopters ($1.93/L)	1117.60	$1.93	$2,156.97	
Helicopter (hours)	Trans North Helicopters - B206 (C-GPGH)	3.30	$1,045.00	$3,448.50	
Fuel (litres/hour)	Trans North Helicopters ($1.50/L)	376.20	$1.50	$564.30	
				$22,100.60	**$22,100.60**
Accommodation & Food	**Rates per day**				
Food	Food supplies	1.00	$1,261.35	$1,261.35	
Hotel rooms in whitehorse	(3 rooms, 3 nights)	9.00	$111.00	$999.00	
Meals	day rate or actual costs-specify	4.00	$50.00	$200.00	
				$2,460.35	**$2,460.35**
Miscellaneous					
Satphone	monthly satphone rental	1.00	$150.00	$150.00	
Other (Specify)	six 2-way radios for 3 weeks	3.00	$150.00	$450.00	
Satphone Airtime	30 minutes	30.00	$2.25	$67.50	
				$667.50	**$667.50**
Equipment Rentals					
Field Gear (Specify)	Snowshoes			$250.00	
				$250.00	**$250.00**
TOTAL Expenditures					**$71,174.09**

APPENDIX II - ROCK SAMPLE DESCRIPTIONS

Sample_#	Area	Waypoint	Zone	Easting	Northing	Elevation	Date	Rock_Typ	Serp	mag_int	Mag_text	Awar_size	Awar_rang	Awar_%	Sulphide	Comment	Cert__Sample	Ni_PPM_8	Ni_PPM_1	Fe_PPM_8	Mg___8FP	S___8FPX	Fe___1E	Cr_PPM_1	Mg___1E	S___1E
12IJAC092	MICH	12IJAC092	8	549556.38	6718960.23	1130.39	21-MAY-12 10:3	HZ	3.5	3.5	AGG+DISS	5	1-5	A			12IJAC092	977	1926	577	2360	<500	4.47	1150	20.93	<0.1
12IJAC093	MICH	12IJAC093	8	549494.79	6718975.89	1158.03	21-MAY-12 10:5	hz	4	3.5	DISS	4	1-4	A			12IJAC093	709	1983	755	1773	<500	5.79	1325	21.76	<0.1
12IJAC094	MICH	12IJAC094	8	549428.11	6719065.8	1183.02	21-MAY-12 11:2	hz	3.5	3.5	AGG	3	1-3	A		iddingsite	12IJAC094	880	2220	569	2227	<500	4.15	1255	23.19	<0.1
12IJAC095	MICH	12IJAC095	8	549369.03	6719127.73	1212.1	21-MAY-12 11:4	hz	4	3	AGG	3	1-3	A			12IJAC095	551	2176	598	1528	<500	5.3	1204	21.53	<0.1
12IJAC096	MICH	12Ijac096	8	549293.31	6719156.29	1241.9	21-MAY-12 12:1	PER	3.5	2.5	AGG	5	1-5	A		TR COMP	12IJAC096	1271	2405	360	3108	<500	4.46	1601	25.57	<0.1
12IJAC097	MICH	12IJAC097	8	549269.57	6719218.75	1259.44	21-MAY-12 1:02	hz	4	3	VLETS+ DI	3	3	A			12IJAC097	668	2079	558	1655	<500	5.27	1191	21.44	<0.1
12IJAC098	MICH	12IJAC098	8	549463.85	6719280.81	1187.83	21-MAY-12 2:27	HZ	2	3.5	VLETS+DIS	2	1-2	TR												
12IJAC099	MICH	12IJAC099	8	549545.44	6719272.55	1163.55	21-MAY-12 2:33	BRECCIA																		
12IJAC100	MICH	12IJAC100	8	549829.37	6719262.91	1092.66	21-MAY-12 3:07	PER	3.5	3.5	AGG	4	1-4	A		COMP AW	12IJAC100	1008	2022	580	1716	<500	5.05	1453	22.4	<0.1
12IJAC102	MICH	12IJAC102	8	549566.95	6718754.39	1084.48	22-MAY-12 10:4	PER	2.5	2	AGG	0	0	0	TR											
12IJAC103	MICH	12IJAC103	8	549521.28	6718822.87	1104.43	22-MAY-12 11:1	HZ	4	3	VLETS+AG	4	1-4	A			12IJAC103	1022	2293	850	2724	<500	4.97	1447	23.64	<0.1
12IJAC104	MICH	12IJAC104	8	549339.95	6719070.95	1200.56	22-MAY-12 11:4	hz	3.5	3	STOCKWE	4	1-4	A			12IJAC104	390	2269	497	1639	<500	6.47	1651	21.66	<0.1
12IJAC105	MICH	12IJAC105	8	549132.82	6719142.26	1259.44	22-MAY-12 1:13	ALT PER	3	2.5	VLETS	3	1-3	A			12IJAC105	792	2065	193	1171	<500	4.66	1251	23.04	<0.1
12IJAC106	MICH	12IJAC106	8	548950.64	6719252.29	1288.28	22-MAY-12 1:44	Hz	3.5	2.5	DISS+AGG	3	1-3	A		TR COMP /	12IJAC106	847	1987	494	1727	<500	4.11	1211	22.54	<0.1
12IJAC107	MICH	12IJAC107	8	548852.09	6719327.98	1297.9	22-MAY-12 2:34	PER	3.5	2.5	DISS+AGG	3	1-3	A		TR COMP /	12IJAC107	957	1988	647	2547	<500	4.88	1189	23.69	<0.1
12IJAC108	MICH	12IJAC108	8	547976.86	6720393.37	1427.19	23-MAY-12 1:32	PER	3	3.5	VLETS	2	1-2	R	YES											
12IJAC109	MICH	12IJAC109	8	548023.49	6720361.58	1435.84	23-MAY-12 1:55	ALT PER	3	3	AGG	0	0	0	0											
12IJAC110	MICH	12IJAC110	8	548069.6	6720330.75	1438.01	23-MAY-12 2:11	PER	3	3.5	AGG+VLET	2	1-2	C	TR		12IJAC110	260	2429	495	6441	<500	4.68	547	25.09	<0.1
12IJAC111	MICH	12IJAC111	8	548211.36	6720363.64	1439.21	29-MAY-12 12:5	Hz	4	3	AGT+VLET	1	1	R			12IJAC111	76	2188	120	1346	<500	4.68	987	23.29	<0.1
12IJAC112	MICH	12IJAC112	8	548174.74	6720415.04	1427.91	29-MAY-12 1:17	PER	3.5	3	STWK	2	1-2	R												
12IJAC113	MICH	12Ijac113	8	548275.1	6720355.64	1436.56	29-MAY-12 1:53	hz	2.5	3	V+AGT	2	1-2	R			12IJAC113	201	2472	313	2655	<500	5.29	614	25.98	<0.1
12IJAC114	MICH	12IJAC114	8	548329.45	6720330.74	1434.88	29-MAY-12 1:55:39PM																			
12IJAC115	MICH	12IJAC115	8	548402.34	6720247.64	0	29-MAY-12 2:41	PER	3	4	DISS+AGG	0	0	0												
12IJAC116	MICH	12IJAC116	8	548396.23	6720194.24	1406.28	29-MAY-12 2:42	PER	3	4	AGG+DISS	0	0	0												
12IJAC117	MICH	12IJAC117	8	548437.56	6720163.53	1406.76	29-MAY-12 3:03	hz	4	4	AGT+VLET	0	0			SILICIFIED	12IJAC117	14	2281	295	1002	<500	4.16	1332	23.04	<0.1
12IJAC118	MICH	12IJAC118	8	548488.01	6720136.15	1402.44	29-MAY-12 3:29	PER	3.5	4	V+AGT	1	1	R		HIGHLY SH	12IJAC118	24	2295	164	892	<500	4.44	780	22.76	<0.1
12IJAC119	MICH	12IJAC119	8	548526.43	6720076.33	1393.79	29-MAY-12 3:51	ALT PER	2.5	1.5	DISS	1	1	TR												
12IJAC120fl	MICH	12IJAC120FL	8	548225.52	6719057.62	1079.68	30-MAY-12 11:5	PER	2.5	3	V+VLETS	1	1	C												
12IJAC121	MICH	12IJAC121	8	548352.98	6719078.73	1108.52	30-MAY-12 1:12	hz	4	3.5	VLETS+AG	3	1-3	C	TR		12IJAC121	522	2360	167	2472	<500	3.04	979	25.65	<0.1
12IJAC122	MICH	12IJAC122	8	548420.59	6719091.44	1120.05	30-MAY-12 1:16	PER	3.5	3	VLETS	1	1	R	SUL											
12IJAC123	MICH	12IJAC123	8	548483.47	6719091.65	1126.78	30-MAY-12 1:36	PER	3	3	VLETS	2	1-2	R-C	YES		12IJAC124	536	2201	382	2054	<500	4.86	1245	23.74	<0.1
12IJAC124	MICH	12IJAC124	8	548529.98	6719101.16	1140.24	30-MAY-12 1:56	hz				2	1-2	r												
12IJAC125	MICH	12IJAC125	8	548636.29	6719093.29	1159.47	30-MAY-12 2:33	PER	2	0.5	AGG	0	0	0												
12IJAC126	MICH	12IJAC126	8	548203.86	6719215.85	1124.62	31-MAY-12 11:1	HZ	2.5	4	V+AGT	1	1	TR			12IJAC126	204	2085	700	2271	<500	5.32	1345	22.5	<0.1
12IJAC127	MICH	12IJAC127	8	548256.41	6719214.47	1139.28	31-MAY-12 11:3	hz	3.5	3	VLETS	2	1-2	A			12IJAC127	842	2119	578	2642	<500	4.23	1219	23.47	<0.1
12IJAC128	MICH	12IJAC128	8	548325.34	6719212.46	1150.82	31-MAY-12 11:4	hz	4	2.5	AGG	2	1-2	C		COMPOSI	12IJAC128	539	2168	295	2326	<500	3.49	1417	21.57	<0.1
12IJAC129	MICH	12IJAC129	8	548377.4	6719206.22	1159.71	31-MAY-12 12:0	HZ	3.5	3.5	AGG+VLET	3	1-3	C-A			12IJAC129	703	2110	543	2113	<500	4.3	1284	23.67	<0.1
12IJAC130	MICH	12IJAC130	8	548431.67	6719207.28	1171.48	31-MAY-12 12:3	HZ	3.5	3	V+VLETS	2	1-2	R-C	YES	COMP GR/	12IJAC130	668	2159	500	2040	<500	4.52	1261	23.35	<0.1
12IJAC131	MICH	12IJAC131	8	548486.57	6719214.37	1187.59	31-MAY-12 12:5	hz	3	3.5	AGT+VLET	1	1-3	C	CPY+PY		12IJAC131	465	2069	448	1866	<500	5.37	1458	21.17	<0.1
12IJAC132	MICH	12IJAC132	8	548543.11	6719233.22	1208.97	31-MAY-12 1:30	hz	3.5	3.5	VLETS+DIS	3	1-3	A		CRYSOTILE	12IJAC132	579	2004	428	1694	<500	4.27	1380	21.32	<0.1
12IJAC133	MICH	12IJAC133	8	548596.4	6719246.92	1217.63	31-MAY-12 1:56	hz	4	3	AGG+V	3	2-3	C-A			12IJAC133	998	2100	478	2070	<500	4.5	1411	23.04	<0.1
12IJAC134	MICH	12IJAC134	8	548719.36	6719264.02	1242.38	31-MAY-12 2:18	PER	3	3	V+VLETS	3	1-3	A			12IJAC134	710	2030	232	1702	<500	4.13	1216	22.67	<0.1
12IJAC135	MICH	12IJAC135	8	548782.04	6719244.74	1247.19	31-MAY-12 2:39	PER	4	1.5	DISS	5	1-5	R-C		VERY SILIC	12IJAC135	1483	3305	254	4086	<500	3.74	255	27.25	<0.1
12IJAC136	MICH	12IJAC136	8	548857.71	6719232.6	1258.96	31-MAY-12 3:14	hz	3	3	DISS	3	1-3	A			12IJAC136	1071	2041	601	1991	<500	4.82	1153	21.96	<0.1
12IJAC137	MICH	12IJAC137	8	548910.89	6719246.36	1275.3	31-MAY-12 3:50	SERP	4	3	AGG	1	1	R												
12JWS001	MICH	12JWS001	8	549468.49	6718894.01	1130.87	22-MAY-12 11:1	hz	3.5	3	VLETS+AG	3	1-3	A	SUL	TR COMP	12JWS001	592	1965	1294	4294	<500	4.94	1441	22.28	<0.1
12JWS002	MICH	12JWS002	8	549196.27	6719113.25	1238.78	22-MAY-12 12:4	hz	3.5	3	VLETS	4	1-4	A	TR		12JWS002	362	2414	585	2013	<500	5.71	1822	22.31	<0.1
12JWS003	MICH	12JWS003	8	549082.63	6719189.41	1277.95	22-MAY-12 1:20	hz	3.5	3.5	VLETS	5	1-5	A	TR COMP		12JWS003	856	2076	367	1467	<500	5.09	1622	21.08	<0.1
12JWS004	MICH	12JWS004	8	548899.43	6719289.4	1290.69	22-MAY-12 2:24	Hz	3.5	3.5	VLETS+AG	3	1-3	C			12JWS004	206	2327	197	1286	<500	5.07	1493	22.32	<0.1
12JWS005	MICH	12JWS005	8	548845.84	6719388.6	1316.64	22-MAY-12 3:02	hz	4	3	VLETS+AG	3	1-3	A		COMP	12JWS005	447	2065	1015	2977	<500	5.35	1531	21.78	<0.1
12JWS006	MICH	12JWS006	8	548759.13	6719487.93	1331.85	2012-05-23T18:2	INTRUSIVE																		
12JWS007	MICH	12JWS007	8	548696.73	6719656.18	1346.01	2012-05-26T17:2	PER	3	3.5	VLETS	3	1-3	R												
12JWS008	MICH	12JWS008	8	548576.48	6719896.5	1383.65	2012-05-23T19:3	PER	4	3.5	AGG+DISS	1	1	TR-R	TR											
12JWS009	MICH	12JWS009	8	548470.16	6719989.07	1384.73	2012-05-23T20:4	PER	4	3.5	AGG	0	0	0		INCIP FECB										
12JWS010	MICH	12JWS010	8	548434.7	6719947.83	1364.73	2012-05-23T21:40:35Z																			
12JWS011	MICH	12JWS011	8	548562.99	6719821.01	1359.63	2012-05-23T22:3	hz	4	3	VLETS	3	1-3	C-A	TR		12JWS011	156	2100	603	2024	<500	5.68	1558	21.37	<0.1
12JWS012	MICH			550218	6715977		2012-05-23T22:3	MYLONITE																		
12JWS013	MICH	12JWS013	8	548153.2	6720469.7	1417.8	2012-05-29T20:2	PER	2.5	3	VLETS+DISS															
12JWS014	MICH	12JWS014	8	548146.14	6720518.63	1407.03	2012-05-29T20:4	PER	3	4	VLETS	2	1-2	R												
12JWS015	MICH	12JWS015	8	548114.8	6720536.58	1388.59	2012-05-29T21:1	PER	2	3	DISS+AGT	0			YES		12JWS015	25	2138	176	1069	<500	4.77	1221	22.68	<0.1
12JWS016	MICH	12JWS016	8	548202.53	6720473.37	1423.17	2012-05-29T21:2	hz	2	3	AGT+DISS	0	0				12JWS016	114	2414	268	1344	<500	4.23	1533	23.53	<0.1
12JWS017	MICH	12JWS017	8	548277.69	6720420.02	1441.95	2012-05-29T22:0	hz	2	3	DISS	1	1	R			12JWS017	49	2330	510	1844	<500	5.01	853	24.11	<0.1
12JWS018	MICH	12JWS018	8	548380.69	6720401.47	1427.71	2012-05-29T22:2	hz	3.5	3.5	V+VLETS	2	1-2	C			12JWS018	163	2512	191	4830	<500	4.94	522	25.83	<0.1
12JWS019	MICH	12JWS019	8	548430.4	6720466.85	1412.11	2012-05-29T22:4	PER	1.5	2	AGG + VLE	0	0	0												
12JWS020	MICH	12JWS020	8	548509.84	6720441.3	1402.89	2012-05-29T23:2	PER	2.5	3	V+AGT	0	0				12JWS020	60	2248	280	1385	<500	5.25	1318	22.66	<0.1
12JWS021	MICH	12JWS021	8	548540.5	6720404.62	1395.05	2012-05-29T23:3	?	4	?	AGG+VLET	1	1	VR												
12JWS022	MICH	12JWS022	8	548582.31	6720360.63	1394.99	2012-05-29T23:4	hz	1.5	2	V	0	0				12JWS022	28	2766	171	1495	<500	5.48	1210	26.19	<0.1
12JWS023	MICH	12JWS023	8	548550.04	6720310.18	1402.61	2012-05-30T00:1	hz	3	3	AGT+VLET	2	1-2	C			12JWS023	192	2192	1671	6894	<500	5.25	1297	24.21	<0.1
12JWS024	MICH	12JWS024	8	547873.02	6719704.28	1156.9	2012-05-30T18:4	hz	3.5	4	VLETS+DIS	2	1-2	C	YES		12JWS024	562	2152	282	1783	<500	3.92	1069	22.12	<0.1
12JWS025	MICH	12JWS025	8	547949.28	6719799.98	1201.41	2012-05-30T19:2	PER	2	2.5	VLETS	1	1	R												
12JWS026	MICH	12JWS026	8	547982	6719851.2	1220.01	2012-05-30T19:3	PER	2.5	2.5	AGG	3	1-3	R												
12JWS027	MICH	12JWS027	8	548001.92	6719896.36	1246.89	2012-05-30T20:0	?	?	5.5	VLETS+DIS	1	1	R-C	YES	WHITE MINERALS ALIGNED										

Sample_#	Area	Waypoint	Zone	Easting	Northing	Elevation	Date	Rock_Typ	Serp	mag_int	Mag_text	Awar_size	Awar_ran	Awar_%	Sulphide	Comment	Cert__San	Ni_PPM_8	Ni_PPM_1	Fe_PPM_8	Mg___8FP	S___8FPX	Fe___1E	Cr_PPM_1	Mg___1E	S___1E
12JWS029	MICH	12JWS029	8	548156.75	6719983.31	1278.72	2012-05-3	hz	3	3.5	DISS+V	5	1-5	R-C		INTENSE S	12JWS029	1112	2509	313	5703	<500	5.11	1144	24.93	<0.1
12JWS030	MICH	12JWS030	8	548227.61	6720043.29	1313.48	2012-05-3	hz	3.5	3.5	DISS+VLET	3	1-3	A			12JWS030	1031	2065	246	4046	<500	5.05	1358	23.3	<0.1
12JWS031	MICH	12JWS031	8	548294.26	6720000.74	1329.45	2012-05-3	PER	3	2	AGG	1	1	R			12JWS031	755	2850	264	4366	<500	4.4	836	26.49	<0.1
12JWS032	MICH	12JWS032	8	548331.79	6719962.27	1331.96	2012-05-3	Hz	3	2	DISS	2	1-2	C			12JWS032	469	2187	646	1538	<500	5.61	1172	24.45	<0.1
12JWS033	MICH	12JWS033	8	548381.65	6719930.85	1341.05	2012-05-3	HZ	4	3	VLETS+AG	5	1-5	C-A			12JWS033	589	2094	1422	4420	<500	5.49	1119	23.56	<0.1
12JWS0331	MICH	12JWS033	8	548509.71	6718918.91	1070.85	2012-06-0	hz																		
12JWS034	MICH	12JWS034	8	548581.33	6718928.34	1085.79	2012-06-0	hz	2.5	3	VLETS	1	1	R		AW CONC	12JWS034	158	2297	579	1558	<500	5.87	1310	24.73	<0.1
12JWS035	MICH	12JWS035	8	548628.61	6718922.86	1096.06	2012-06-0	PER	3	2	VLETS	1	1	TR			12JWS035	157	2162	846	1660	<500	5.58	1188	23.23	<0.1
12JWS036	MICH	12JWS036	8	548699.99	6718941.76	1120.25	2012-06-0	PER	2.5	2.5	DISS+AGG	1	1	A												
12JWS037	MICH	12JWS037	8	548827.71	6718928.89	1144.65	2012-06-0	HZ	4	2	AGT	1	1	TR			12JWS037	377	2295	376	1553	<500	5.12	1089	24.08	<0.1
12JWS038	MICH	12JWS038	8	548895.12	6718945.85	1159.7	2012-06-0	PER	4	1.5	DISS	1	1	A	TR											
12JWS039	MICH	12JWS039	8	548951.84	6718963	1170.59	2012-06-0	DUN	2	3	AGG+VEIN	2	1-2	R												
12JWS040	MICH	12JWS040	8	549050.5	6718956.87	1169.65	2012-06-0	HZ	2.5	3	AGT+VLET	1	1	C			12JWS040	632	2098	367	1349	<500	5.15	1238	22.62	<0.1
12JWS041	MICH	12JWS041	8	549116.79	6718955.44	1155.12	2012-06-0	hz	2	3	AGG	2	1-2	C		SILICIFIED	12JWS041	574	2277	679	2310	<500	5.52	1160	24.54	<0.1
12JWS042	MICH	12JWS042	8	549172.34	6718970.01	1160.26	2012-06-0	HZ	2.5	2.5	DISS + VLE	2	1-2	C			12JWS042	331	2196	782	2684	<500	5.34	1193	23.67	<0.1
12JWS043	MICH	12JWS043	8	549236.47	6718962.09	1152.82	2012-06-0	ALTD PER	2	1	VEINS	5	1-5	A		RED ALT R	12JWS043	949	1937	320	1580	<500	4.65	1389	23.46	<0.1
12JWS044	MICH	12JWS044	8	549305.92	6718981.75	1156.77	2012-06-0	HZ	1.5	0.5	VEINS	4	1-4	C		AW IN SEF	12JWS044	499	2411	510	1564	<500	5.58	1656	25.23	<0.1
12JWS045	MICH	12JWS045	8	548433.71	6719048.67	1108.84	2012-06-0	hz	3	3.5	VLETS	3	1-3	A			12JWS045	866	2381	<100	4518	<500	4.49	959	24.98	<0.1
12JWS046	MICH	12JWS046	8	548501.49	6719061.83	1119.12	2012-06-0	DUN	2.5	1	VLETS+AG	1	1	R	YES											
12JWS047	MICH	12JWS047	8	548576.96	6719061.29	1130.24	2012-06-0	PER	2.5	3.5	VLETS+AG	1	1	C												
12JWS048fl	MICH	12JWS048	8	548729.11	6719059.89	1156.08	2012-06-0	PER	4	2.5	DISS+VLET	3	1-3	A			12JWS048	1237	2223	385	2560	<500	4.21	1223	23.75	<0.1
12JWS049	MICH	12JWS049	8	548825.38	6719068.99	1190.85	2012-06-0	PER	2.5	2	AGG+VLET	1	1	C	PY											
12JWS050	MICH	12JWS050	8	548915.14	6719068.32	1220.61	2012-06-0	hz	3.5	2.5	AGG	2	1-2	C		CHRYSOTI	12JWS050	791	2062	668	2834	<500	4.39	1205	22.2	<0.1
12JWS051	MICH	12JWS051	8	548970.81	6719086.12	1234.26	2012-06-0	PER	3	1.5	VLETS	3	1-3	C	YES		12JWS051	648	2050	341	1656	<500	4.68	1088	22.51	<0.1
12JWS052	MICH	12JWS052	8	549029.47	6719109.86	1243.99	2012-06-0	hz	4	3.5	AGG+V	4	1-4	C-A			12JWS052	881	1986	236	1511	<500	4.71	1096	21.44	<0.1
12JWS053	MICH	12JWS053	8	549121.71	6719080.38	1222.72	2012-06-0	ALT PER	2.5	2	DISS+AGG	3	1-3	A	TR		12JWS053	595	2065	472	2012	<500	5.52	1448	22.31	<0.1
12JWS054	MICH	12JWS054	8	549174.38	6719093.23	1226.64	2012-06-0	ALT PER	4	1.5	AGG	5	1-5	A			12JWS054	943	1943	443	1881	<500	5.35	1337	22	<0.1
12JWS055	MICH	12JWS055	8	549227.71	6719098.2	1223.43	2012-06-0	PER	4	2	AGG	4	1-4	C		COMP AW	12JWS055	1089	2076	485	2077	<500	4.9	1288	21.62	<0.1
12JWS056	MICH	12JWS056	8	549276.31	6719076.14	1199.06	2012-06-0	hz	2	1	AGG+VLET	3	1-3	C			12JWS056	820	2138	421	1795	<500	4.81	1277	22.75	<0.1
12KAB001	MICH	1	8	548722.87	6719565.41	1339.92	2012-05-2	hz	3.5	3	VLETS+AG	4	1-4	C-A			12KAB001	443	2103	882	3117	<500	4.73	1330	22.58	<0.1
12KAB002	MICH	2	8	548626.81	6719761.83	1356.77	2012-05-2	PER	3.5	4	AGG+DISS	4	1-4	C-A	TR COMP		12KAB002	423	2232	260	1526	<500	4.79	1554	22.31	<0.1
12KAB003	MICH	3	8	548527.99	6719939.84	1384.51	2012-05-2	PER	4	3.5	AGG+DISS	0	0	0												
12KAB004	MICH	4	8	548418.17	6720032.71	1375.57	2012-05-2	PER	4	3.5	AGG+DISS	0	0	0	O	SILICIFICATION										
12KAB005	MICH	5	8	548485.99	6719883.47	1354.85	2012-05-2	DUN	2	3.5	VLETS+DIS	3	1-3	C	COMP		12KAB005	187	2666	677	3015	<500	5.84	1489	27.84	<0.1
12KAB008	MICH	12KAB008	8	548051.18	6719295.29	1112.01	2012-05-3	hz	3	3.5	V+AGT	2	1-2	C			12KAB008	492	2104	1779	7003	<500	5.31	1144	22.92	<0.1
12KAB009	MICH	12KAB009	8	548108.72	6719312.42	1124.71	2012-05-3	PER	3.5	3	DISS+VLET	3	1-3	C	TR PY		12KAB009	1130	2919	309	5493	<500	3.81	268	26.04	<0.1
12KAB010	MICH	12KAB010	8	548157.45	6719300.26	1132.53	2012-05-3	hz	3.5	2.5	DISS	2	1-2	R-C	YES		12KAB010	535	2025	411	2287	<500	4.81	1125	22.49	<0.1
12KAB011	MICH	12KAB011	8	548233.03	6719299.39	1150.35	2012-05-3	hz	3.5	3.5	VLETS+DIS	3	1-3	C-A			12KAB011	252	1966	295	1185	<500	4.98	1226	22.59	<0.1
12KAB012	MICH	12KAB012	8	548285.11	6719307.55	1162.05	2012-05-3	hz	3.5	3.5	V+VLETS	3	1-3	A			12KAB012	438	2046	211	1615	<500	4.08	1165	22.42	<0.1
12KAB013	MICH	12KAB013	8	548337.44	6719308.7	1179.98	2012-05-3	PER	3.5	3	VLETS	3	1-3	R-C			12KAB013	511	2084	1032	4493	<500	4.47	1168	23.19	<0.1
12KAB014fl	MICH	12KAB014	8	548405.26	6719294.46	1193.86	2012-05-3	HARZ	2.5	3	AGG	3	1-3	C			12KAB014	563	2124	468	2229	<500	4.64	1188	23.18	<0.1
12KAB015	MICH	12KAB015	8	548450.16	6719307.09	1211.72	2012-05-3	HZ	3.5	3	V+VLETS	5	1-5	C			12KAB015	909	2072	967	3497	<500	4.68	1111	24.02	<0.1
12KAB016	MICH	12KAB016	8	548522.59	6719312.75	1227.06	2012-05-3	PER	3.5	3.5	VLETS	3	1-3	C-A		AW MOSTLY IN VEINLETS										
12KAB017	MICH	12KAB017	8	548146.46	6719414.07	1158.06	2012-05-3	PER	3.5	3	AGT+VLET	2	1-2	TR		AROUND SERP VEINLETS AND AGT										
12KAB018	MICH	12KAB018	8	548226.57	6719409.47	1175.63	2012-05-31T19:24:53Z																			
12KAB019	MICH	12KAB019	8	548293.4	6719399.67	1189.93	2012-05-3	hz	3.5	3	VLETS	3	1-3	C	YES		12KAB019	530	2044	627	2412	<500	4.96	1275	21.79	<0.1
12KAB020	MICH	12KAB020	8	548438.17	6719405.17	1241.3	2012-05-3	hz	4	4	V+AGT	3	1-3	C		FLUAGE TI	12KAB020	676	2046	564	2797	<500	4.62	1162	22.28	<0.1
12KAB021	MICH	12KAB021	8	548487.22	6719401.72	1246.77	2012-05-3	hz	3.5	3.5	AGG	3	1-3	A			12KAB021	1319	2137	859	2514	<500	4.78	1239	22.72	<0.1
12KAB022	MICH	12KAB022	8	548555.28	6719401.63	1259.84	2012-05-3	hz	4	3.5	V+VLETS	5	1-5	C-A			12KAB022	1160	2016	398	1778	<500	4.44	1148	21.9	<0.1
12KAB023	MICH	12KAB023	8	548639.95	6719408.68	1290.22	2012-05-3	hz	3	3	AGG + VLE	3	1-3	A			12KAB023	879	2191	297	1682	<500	5.11	1468	22.58	<0.1
12KAB024	MICH	12KAB024	8	548708.97	6719423.31	1306.74	2012-05-3	HZ	3	3	AGG+VLET	5	2-5	A		RUST COL	12KAB024	1108	2200	407	1531	<500	4.99	1324	22.03	<0.1
12KAB025	MICH	12KAB025	8	548736.78	6719408.32	1308.35	2012-05-3	PER	3	3.5	VLETS	2	1-2	R												
12KAB026	MICH	12KAB026	8	548802.15	6719412.77	1321.79	2012-05-3	PER	3	3.5	DISS	5	1-5	A		RUST COL	12KAB026	991	2269	718	2729	<500	5.47	1523	22.98	<0.1
12KAB027	MICH	12KAB027	8	548859.47	6719288.45	1279.93	2012-05-3	hz	3	4	AGG+VEIN	3	1-3	C			12KAB027	475	2296	295	1595	<500	6.39	1481	22.9	<0.1
12KAB028	MICH	12KAB028	8	548559.47	6718835.15	1051.47	2012-06-0	PER	3	2	DISS	1	1	C												
12KAB029	MICH	12KAB029	8	548640.16	6718838.36	1070.52	2012-06-0	DUN	1.5	3	AGG	2	1-2	A			12KAB029	611	4179	794	5269	<500	3.91	172	28.09	<0.1
12KAB030	MICH	12KAB030	8	548698.28	6718837.58	1078.88	2012-06-0	dun	4	2	AGT+VLET	2	1-2	TR		SILICIFIED	12KAB030	140	3240	750	2799	<500	5.58	903	29	<0.1
12KAB031	MICH	12KAB031	8	548787.31	6718842.91	1093.3	2012-06-0	PER	3	3	VLETS+AG	1	1	R			12KAB031	465	2195	466	2088	<500	5.04	1077	24.04	<0.1
12KAB032	MICH	12KAB032	8	548842.35	6718838.86	1101.89	2012-06-0	hz	3	3	AGG	1	1	R-C												
12KAB033	MICH	12KAB033	8	548912.04	6718837.03	1105.94	2012-06-0	PER	3	2	AGG+VLET	1	1	C												
12KAB034	MICH	12KAB034	8	548981.26	6718829.27	1104.99	2012-06-01T20:37:55Z																			
12KAB035	MICH	12KAB035	8	549044.8	6718852.87	1115.51	2012-06-0	HZ	4	2.5	AGT+VLET	2	1-2	TR			12KAB035	263	2434	507	1933	<500	4.81	1480	25.81	<0.1
12KAB036	MICH	12KAB036	8	549130.01	6718837.1	1113.93	2012-06-0	hz	4	1.5	V	3	1-3	R		SILICIFIED	12KAB036	307	3409	128	1553	<500	4.29	465	23.83	<0.1
12KAB037	MICH	12KAB037	8	549212.72	6718844.35	1118.86	2012-06-0	hz	3	1.5	DISS	3	1-3	R	YES	SILICIFIED	12KAB037	834	2689	372	1547	<500	4.48	1160	25.94	<0.1
12KAB038	MICH	12KAB038	8	549330.85	6718840.4	1122.27	2012-06-0	HZ	4	3.5	DISS+VLET	3	1-3	C			12KAB038	686	2617	577	1920	<500	4.99	1489	27.61	<0.1
12KAB039	MICH	12KAB039	8	549449.78	6718842.48	1104.66	2012-06-0	hz	2.5	1.5	AGG	3	1-3	A			12KAB039	992	2347	383	1363	<500	5.2	1436	24.07	<0.1
12KAB041fl	MICH	12KAB041	8	548800.66	6719098.74	1190.78	2012-06-02T18:03:50Z																			
12KAB042fl	MICH	12KAB042	8	548854.88	6719098.02	1210.17	2012-06-0	hz	4	1	DISS	3	1-3	C		AW IN SEF	12KAB042	453	2474	367	1748	<500	4.6	1254	25.54	<0.1
12KAB043	MICH	12KAB043	8	548916.01	6719100.96	1237.87	2012-06-0	PER	3.5	3	AGG+VLET	1	1	R	A	FRIABLE, SHEARED										
12KAB044	MICH	12KAB044	8	548971.59	6719109.4	1239.8	2012-06-0	ALT PER	2.5	3	AGG	3	1-3	R												
12KAB045	MICH	12KAB045	8	549041.75	6719121.17	1244.59	2012-06-0	PER	4	3.5	AGG+VLET	4	1-4	A			12KAB045	1043	2365	615	2297	<500	5.37	1072	25.54	<0.1
12KAB046	MICH	12KAB046	8	549082.34	6719107.91	1247.95	2012-06-0	ALT PER	3.5	1.5	AGG+V	3	1-3	A	TR		12KAB046	898	2437	400	1869	<500	4.22	1111	22.42	<0.1

Sample_#	Area	Waypoint	Zone	Easting	Northing	Elevation	Date	Rock_Typ	Serp	mag_int	Mag_text	Awar_size	Awar_rang	Awar_%	Sulphide	Comment	Cert__San	Ni_PPM_8	Ni_PPM_1	Fe_PPM_8	Mg___8FP	S___8FPX	Fe___1E	Cr_PPM_1	Mg___1E	S___1E
12KAB047	MICH	12KAB047	8	549135.1	6719128.5	1256.13	2012-06-02T	hz	3	2	AGG	4	1-4	A			12KAB047	1057	2153	665	2104	<500	5.11	1289	23.82	<0.1
12KAB048	MICH	12KAB048	8	548861.3	6719571	1325.35	2012-06-02T	hz	3.5	4	AGG+VLET	3	1-3	C			12KAB048	222	2284	458	1267	<500	4.82	1072	23.74	<0.1
12KAB049	MICH	12KAB049	8	548885.2	6719509.6	1328.45	2012-06-02T	VOLCANIC																		
12KAB050	MICH	12KAB050	8	548931.3	6719422.4	1311.63	2012-06-02T	hz	4	1	VLETS+AG	3	1-3	A			12KAB050	875	2256	507	1782	<500	4.78	1406	22.56	<0.1
12KAB051	MICH	12KAB051	8	549006.8	6719330.7	1280.61	2012-06-02T	HZ	4	3	DISS+VLET	3	1-3	C			12KAB051	672	2085	394	1561	<500	4.64	1335	21.98	<0.1
12KAB052	MICH	12KAB052	8	549019.4	6719317.8	1274.91	2012-06-02T	hz	4	1.5	VLETS	4	1-4	A			12KAB052	1226	2431	504	2151	<500	4.64	1261	24.47	<0.1
12KAB053	MICH	12KAB053	8	549045.1	6719260.6	1270.77	2012-06-02T	hz	3	2	VLETS	3	1-3	C	CPY	SHEARED	12KAB053	229	2514	477	1928	<500	5.93	1540	23	<0.1
12KAB054	MICH	12KAB054	8	549053.1	6719202.9	1280.02	2012-06-02T	PER	2.5	1	VLETS	0	0	0												
12KAB066	MICH	12KAB066	8	548862.9	6719460.9	1320.26	2012-07-11T	hz	3	3	AGG+STW	3	3-Jan	A	0		12KAB066	834	1998	442	1538	<500	4.82	1445	21.29	<0.1
12KAB067	MICH	12KAB067	8	548917.2	6719451.2	1308.44	2012-07-11T	hz	3	3	AGG	3	3-Jan	A	0	Rust color	12KAB067	395	2098	419	1632	<500	4.07	1219	20.87	<0.1
12KAB068	MICH	12KAB068	8	548969.1	6719467.8	1305.72	2012-07-11T	hz	2.5	2	V+VLETS	3	3-Jan	A	0	Fecb rim a	12KAB068	874	2168	456	2251	<500	3.98	1328	22.39	<0.1
12KAB069	MICH	12KAB069	8	549121.4	6719481.8	1252.96	2012-07-11T	PER	2.5	2	V+AGG	0	0	0	YES	Silicified										
12KAB070	MICH	12KAB070	8	549016.6	6719606.6	1253.12	2012-07-11T	PER	2.5	2.5	AGG	0	0	0	0											
12KAB071	MICH	12KAB071	8	548957.1	6719606.7	1284.32	2012-07-11T	HZ	2.5	3	DISS	4	4-Jan	R-C	0	Aw grains	12KAB071	383	2101	410	1480	<500	5.35	1327	22.58	<0.1
12KAB072	MICH	12KAB072	8	548884.3	6719604.4	1307.76	2012-07-11T	hz	2.5	3.5	STWK+VLE	3	3-Jan	R-C			12KAB072	297	2453	725	2634	<500	5.43	1634	23.15	<0.1
12KAB073	MICH	12KAB073	8	548647	6719916		7/12/2012	PER	3	4	AGG+V	0	0	0	0											
12KAB074	MICH	12KAB074	8	548420	6720487		7/12/2012	PER	4	3.5	STWK	1	1	R-C	0											
12KAB075	MICH	12KAB075	8	548610	6720575		7/12/2012	PER	2.5	3.5	DISS+VLET	0	0	0	0											
12KAB076	MICH	12KAB076	8	548505	6720614		7/12/2012	SERP	4	3	V+STWK	0	0	0	0	Fecb in agg										
12KAB077	MICH	12KAB077	8	548580	6720703		7/12/2012	PER	2.5	3.5	AGG	0	0	0	TR											
12KAB078	MICH	12KAB078	8	548563	6720773		7/12/2012	PER	3.5	3	STWK+AG	1	1	TR-R	0	Aw along serp veinlets										
12KAB079	MICH	12KAB079	8	548540	6720826		7/12/2012	PER	4	3.5	V+VLETS	0	0	0												
12KAB080	MICH	12KAB080	8	548494	6720936		7/12/2012	PER	2.5	3	DISS+VLET	0	0	0	0	0										
12KAB081	MICH	12KAB081	8	548698.8	6719922	1366.084	2012-07-13T	PER	3.5	3.5	DISS+AGG	0	0	0	0	FeCB										
12KAB082	MICH	12KAB082	8	548749.2	6719907.7	1350.54	2012-07-13T	PER	3	3.5	AGG+V	0	0	0	0	Fecb alteration										
12KAB083	MICH	12KAB083	8	548642	6719994.4	1369.281	2012-07-13T	PER	3.5	4	AGG	0	0	0	0	Sheared, Fecb										
12KAB084	MICH	12KAB084	8	548584.1	6719998.2	1379.314	2012-07-13T	PER	3.5	3	AGG+V	0	0	0	0											
12KAB085	MICH	12KAB085	8	548575.1	6720069.6	1385.879	2012-07-13T	PER	3.5	3.5	STWK	0	0	0	0											
12KAB086	MICH	12KAB086	8	548640.1	6720068.6	1370.532	2012-07-13T	PER	3	3.5	DISS+VLET	1	1	R-TR	0	Fecb, limonite										
12KAB087	MICH	12KAB087	8	548723.1	6720051.9	1351.965	2012-07-13T	PER	2	3.5	AGG	0	0	0	0	Fecb in veinlets										
12MMP001	MICH	5	8	549742.3	6719300.4	1123.42	22-MAY-12 1	ALT PER	4	3.5	AGG	1	1	TR												
12MMP002	MICH	6	8	549766.3	6719575.7	1129.67	22-MAY-12 1	ALT PER	1.5	2	VLETS+AG	2	1-2	R												
12MMP003	MICH	7	8	549334.9	6720434.3	1134.95	22-MAY-12 3:46:04PM																			
12MMP005fl	MICH	9	8	549742.3	6719300.4	1123.42	22-MAY-12 1	PER	4	3.5	AGG	0	0	0	0											
12MMP006fl	MICH	10	8	549766.3	6719575.7	1129.67	22-MAY-12 1	hz	3.5	4	AGG	2	1-2	R-C	TR	INCIP FECE	12MMP00	85	2267	336	1266	<500	4.19	1207	23.61	<0.1
12MMP012	MICH	13	8	549292	6720498.8	1160.19	22-MAY-12 4	DUN	2	1.5	DISS	0	0	0	0											
12MMP013	MICH	14	8	549251.8	6720541.1	1180.62	22-MAY-12 4	PER	3	3.5	VLETS	0	0	0	TR											
12MMP014	MICH	15	8	549451.9	6720474.7	1108.28	22-MAY-12 4	hz	2.5	2	AGG+DISS	2	1-2	C	CPY	NATIVE CU	12MMP01	321	2394	557	1882	<500	5.58	1270	25.48	<0.1
12MMP015	MICH	16	8	547634.4	6720408.8	1338.99	23-MAY-12 3	ALT PER	3	3	DISS+AGG	0	0	0		INCIP FECB										
12MMP016	MICH	17	8	547710.1	6720423.1	1362.06	23-MAY-12 3	hz	4	4	AGG+VLET	3	1-3	A			12MMP01	365	2390	282	4473	<500	5.28	996	24.29	<0.1
12MMP017	MICH	18	8	547774	6720383.7	1381.05	23-MAY-12 3	hz	4	2.5	VLETS	3	1-3	C	TR		12MMP01	231	2446	611	2220	<500	5.28	1082	25.74	<0.1
12MMP018	MICH	19	8	547846.6	6720403.8	1400.04	23-MAY-12 4	hz	3.5	3.5	AGG	2	1-2	C-A	YES	COMP	12MMP01	603	2334	536	2962	<500	4.68	1086	23.58	<0.1
12MMP019	MICH	20	8	547925.4	6720353	1408.69	23-MAY-12 4	ALT PER	2.5	3.5	VLETS+AG	0	0	0	YES											
12MMP020	MICH	21	8	547989.5	6720288.5	1403.64	23-MAY-12 4	hz	4	3.5	VLETS	3	1-3	C	TR		12MMP02	903	2716	236	4383	<500	4.52	989	25.59	<0.1
12MMP021	MICH	22	8	548117.4	6720297.9	1418.54	23-MAY-12 4	ALT PER	3.5	1.5	AGG	0	0	0	TR											
12MMP022	MICH	23	8	548252.1	6720183	1371.2	23-MAY-12 4	PER	4	3	AGG+DISS	0	0	0	A											
12MMP023fl	MICH	24	8	552362.1	6718085.6	947.258	24-MAY-12 1	PER	3.5	3	AGG+DISS	0	0	0	0											
12MMP024FL	MICH	25	8	552428.4	6717982.2	954.948	24-MAY-12 1	PER	3.5	3.5	AGG	2	1-2	R												
12MMP025FL	MICH	26	8	552559.6	6717821.9	950.142	24-MAY-12 1	PER	3.5	3.5	AGG+DISS	0	0	0												
12MMP026	MICH	27	8	552550.5	6717773.2	947.258	24-MAY-12 2	PER	2.5	4	VLETS+AG	2	1-2	R	YES											
12MMP027	MICH	28	8	552478.1	6717704.1	956.15	24-MAY-12 2	HZ	4	4	VLETS+AG	2	1-2	A			12MMP02	459	2374	981	4117	<500	5.07	1259	25.13	<0.1
12MMP028	MICH	29	8	548250	6719655.5	1220.75	31-MAY-12 1	HZ	3.5	2	AGG+VLET	5	1-5	C-A			12MMP02	949	2211	343	1273	<500	4.44	1269	22.77	<0.1
12MMP029fl	MICH	30	8	548356.2	6719639.1	1245.5	31-MAY-12 1	hz									12MMP02	515	2175	242	1025	<500	7.54	1683	20.68	<0.1
12MMP030	MICH	31	8	548511.6	6719639.8	1297.42	31-MAY-12 1	hz	3.5	3	AGG + VLE	3	1-3	C			12MMP03	76	2324	706	2666	<500	5.08	1581	22.44	<0.1
12MMP031	MICH	32	8	548608.1	6719653.6	1329.62	31-MAY-12 1	hz	4	3.5	AGT	4	1-4	C			12MMP03	601	2034	809	1881	<500	6.55	1448	21.59	<0.1
12MMP032	MICH	33	8	548642.6	6719678.3	1348.12	31-MAY-12 1	dun	2	3	DISS	1	1	TR			12MMP03	14	2156	216	1398	<500	6.05	1342	21.83	<0.1
12MMP033	MICH	34	8	548760.7	6719655.5	1349.09	31-MAY-12 1	hz	3.5	2	V+VLETS	4	1-4	C		COMPOSIT	12MMP03	1120	2670	633	3718	<500	5.06	1312	25.7	<0.1
12MMP034	MICH	36	8	548763.2	6719531.7	1338.75	31-MAY-12 2	PER	2.5	4	STOCKWE	3	1-3	R												
12MMP035	MICH	37	8	548679.9	6719534	1325.53	31-MAY-12 2	Hz	3.5	3.5	AGT+V	4	1-4	A			12MMP03	1140	2179	1042	3505	<500	4.76	1349	23.08	<0.1
12MMP036fl	MICH	38	8	548575.5	6719505.3	1289.48	31-MAY-12 2	PER	3.5	4	AGG	3	1-3	C												
12MMP037fl	MICH	39	8	548496.4	6719533.3	1262.57	31-MAY-12 3	hz	4	3	VLETS	3	1-3	C			12MMP03	1140	2352	781	2859	<500	4.67	1338	24.94	<0.1
12MMP038fl	MICH	40	8	548270.3	6719554	1202.25	31-MAY-12 3	PER	3	2.5	V+VLETS	5	1-5	A			12MMP03	902	2346	678	2085	<500	5.06	1291	23.75	<0.1
12MMP039	MICH	41	8	548197.4	6719543.9	1181.82	31-MAY-12 4	HZ	3.5	2.5	VLETS	3	1-3	C		BIG PX (SE	12MMP03	813	2288	459	1475	<500	4.6	1255	24.53	<0.1
12MMP040fl	MICH	12MMP040	8	548675.9	6718741.3	1058.29	01-JUN-12 1	HZ	2.5	1.5	VLETS+AG	2	1-2	C			12MMP04	390	2203	717	1054	<500	5.29	1171	23.9	<0.1
12MMP041fl	MICH	12MMP041	8	548838.6	6718776.2	1089.53	01-JUN-12 1	PER	3.5	3	DISS+AGG	2	1-2	R-C		AW IN SERP VLETS										
12MMP042	MICH	12MMP042	8	548903.2	6718792	1102.03	01-JUN-12 1	PER	4	2	VEINS	2	1-2	C			12MMP04	305	2292	883	3005	<500	5.05	1314	24.51	<0.1
12MMP043	MICH	12MMP043	8	548984.5	6718762.8	1089.53	01-JUN-12 1	hz	4	2.5	VLETS	2	1-2	A			12MMP04	565	2424	287	1546	<500	3.94	1086	24.42	<0.1
12MMP044	MICH	12MMP044	8	549025	6718749.2	1084.73	01-JUN-12 1	hz	3.5	2	VLETS	2	1-2	C			12MMP04	711	2291	271	1642	<500	4.51	1174	24.13	<0.1
12MMP045	MICH	12MMP045	8	549130.9	6718793.8	1099.87	01-JUN-12 1	ALT DUN	1	1.5	V+AGT	0	0				12MMP04	64	3035	1492	2037	<500	5.45	807	28.88	<0.1
12MMP046	MICH	12MMP046	8	549302.3	6718793.7	1125.82	01-JUN-12 1	DUN	2.5	0.5	AGG	1	1	TR												
12MMP047	MICH	12MMP047	8	549359.1	6718737	1099.39	01-JUN-12 1	PER	4	1.5	DISS	3	1-3	R			12MMP04	460	2672	222	1283	<500	4.37	799	26.07	<0.1
12MMP048	MICH	12MMP048	8	549415.7	6718747.9	1090.49	01-JUN-12 1	HZ	3	3	AGG+V	2	1-2	C			12MMP04	814	2337	968	3103	<500	4.22	1364	23.72	<0.1

Sample_#	Area	Waypoint	Zone	Easting	Northing	Elevation	Date	Rock_Type	Serp	mag_int	Mag_text	Awar_size	Awar_ran	Awar_%	Sulphide	Comment	Cert__San	Ni_PPM_8	Ni_PPM_1	Fe_PPM_8	Mg___8FP	S___8FPX	Fe___1E	Cr_PPM_1	Mg___1E	S___1E
12MMP049	MICH	12MMP04	8	548300.1	6719138	1126.06	02-JUN-12 10:39:32AM																			
12MMP050	MICH	1MMP050	8	548434.1	6719141	1150.82	02-JUN-12	HZ	4	2.5	VLETS	2	1-2	C			12MMP05	658	2104	455	1885	<500	4.47	1245	22.56	<0.1
12MMP051	MICH	12MMP05	8	548525.4	6719139	1164.03	02-JUN-12	PER	3	3	VLETS+AG	1	1	C												
12MMP052	MICH	12MMP05	8	548590.8	6719143	1177.73	02-JUN-12	hz	3	2	V+VLETS	2	1-2	C			12MMP05	582	2225	347	1173	<500	5.27	1245	24.14	<0.1
12MMP053	MICH	12MMP05	8	548868.4	6719157	1246.95	02-JUN-12	PER	3.5	1.5	DISS	3	1-3	A			12MMP05	766	2109	362	1302	<500	4.85	1154	21.79	<0.1
12MMP054	MICH	12MMP05	8	548926.6	6719132	1250.31	02-JUN-12	hz	4	1	DISS+AGG	3	1-3	A	TR		12MMP05	551	2135	269	1432	<500	4.77	1370	22.39	<0.1
12MMP055	MICH	12MMP05	8	549019.9	6719155	1268.34	02-JUN-12	PER	4	2	V	4	1-4	A			12MMP05	665	2047	720	2777	<500	4.76	1446	22.23	<0.1
12MMP056	MICH	12MMP05	8	548714.3	6719325	1276.51	02-JUN-12	hz	4	2.5	V+AGG	4	1-4	A			12MMP05	869	2059	454	1815	<500	4.34	1201	21.63	<0.1
12MMP057	MICH	12MMP05	8	548668.4	6719315	1264.73	02-JUN-12	PER	2.5	2	DISS+AGG	0	0	0												
12MMP058	MICH	12MMP05	8	548617.3	6719308	1256.8	02-JUN-12	ALT PER	4	2	AGG	4	1-4	A			12MMP05	856	2146	383	1243	<500	4.62	1377	21.92	<0.1
12MMP059	MICH	12MMP05	8	548557.9	6719345	1258	02-JUN-12	hz	3.5	3.5	STWK	3	1-3	C			12MMP05	146	2231	548	1509	<500	6.56	1756	21.57	<0.1
12MMP111	MICH	12MMP11	8	549547.6	6718839	1103.71	2012-07-1	PER	3.5	4	STWK+VLE	3	3-Jan	A	0	Relic Px cr	12MMP11	901	1958	501	1363	<500	6.65	1497	21.12	<0.1
12MMP112	MICH	12MMP11	8	548841.3	6719521	1325.29	2012-07-1	hz	3	3.5	V+VLETS	3	3-Jan	A	0		12MMP11	937	2024	485	1526	<500	4.77	1470	20.86	<0.1
12MMP113	MICH	12MMP11	8	548928.6	6719548	1318.8	2012-07-1	hz	3	2	VLETS+AG	4	4-Jan	C-A	0	Serp vlets	12MMP11	961	2359	438	1791	<500	4.5	1267	24.52	<0.1
12MMP114	MICH	12MMP11	8	548994.6	6719536	1299.1	2012-07-1	DUN	2	3	AGG+V	1	1	R-C	0											
12MMP115	MICH	12MMP11	8	548829.5	6719670	1316.64	2012-07-1	HZ	3	3	V+VLETS	4	4-Feb	A	0		12MMP11	746	2218	658	3145	<500	4.78	1176	23.19	<0.1
12MMP116	MICH	12MMP11	8	548816.7	6719875	1314.48	2012-07-1	SERP	4	3.5	STWK+AG	0	0	0	0	Serp vlets oriented (result of shear?)										
12MMP117	MICH	12MMP11	8	548866.4	6719862	1299.1	2012-07-1	PER	3.5	3.5	DISS+STW	3	3-Jan	R-C	0	Comp Aw	12MMP11	172	2299	338	1428	<500	4.47	1148	23.51	<0.1
12MMP118	MICH	12MMP11	8	548502.7	6719841	1347.884	2012-07-1	hz	3	3	STWK+AG	3	3-Jan	R	0	Fecb	12MMP11	170	2071	1044	2594	<500	6.16	1580	20.61	<0.1
12MMP119FL	MICH	12MMP11	8	548308.5	6719798	1266.893	2012-07-1	hz	4	3	STWK+VLE	5	5-Jan	A	0	Relic Px cr	12MMP11	1102	2108	853	2603	<500	4.27	1227	21.88	<0.1
12MMP120FL	MICH	12MMP12	8	548240.3	6719796	1247.667	2012-07-1	hz	3	3.5	V+VLETS	3	3-Jan	C	0	Fecb	12MMP12	151	2054	742	2382	<500	5.78	1433	20.67	<0.1
12MMP121	MICH	12MMP12	8	548356.1	6719854	1307.749	2012-07-1	PER	3.5	3	DISS+AGG	3	3-Jan	R-C												
12MMP122	MICH	12MMP12	8	548577.3	6719779	1353.171	2012-07-1	hz	2.5	3	V	3	3-Jan	C	0	FeCb, wea	12MMP12	401	2354	488	1954	<500	5.27	1866	22.27	<0.1
12MMP123	MICH	12MMP12	8	548547.8	6719744	1331.061	2012-07-1	PER	3	3.5	AGG	0	0	0												
12SEAR001	MICH	12SEAR00	8	548255.4	6719070	1083.04	30-MAY-1	PER	4	2.5	V+VLETS	1	1	C												
12SEAR002	MICH	12SEAR00	8	548305.2	6719086	1103.23	30-MAY-1	hz	4	3	VLETS	2	1-2	A			12SEAR00	593	2102	320	1580	<500	5.53	1366	21.55	<0.1

APPENDIX III - PETROGRAPHIC REPORT

Mich - PTS 2012

12MMP038
Field observations: Aw 5
Analysis:
Microscopic observations:

- Common fine awaruite grains (<5 microns), in mesh rims
- Rare-common coarse awaruite grains (75-150 microns), in serpentine veinlets and mesh rims
- Common composites (aw + ptd), up to 150 µm, in spn veinlets

Highlights: Common fine grained awaruite, rare-common coarse grained awaruite, common composites

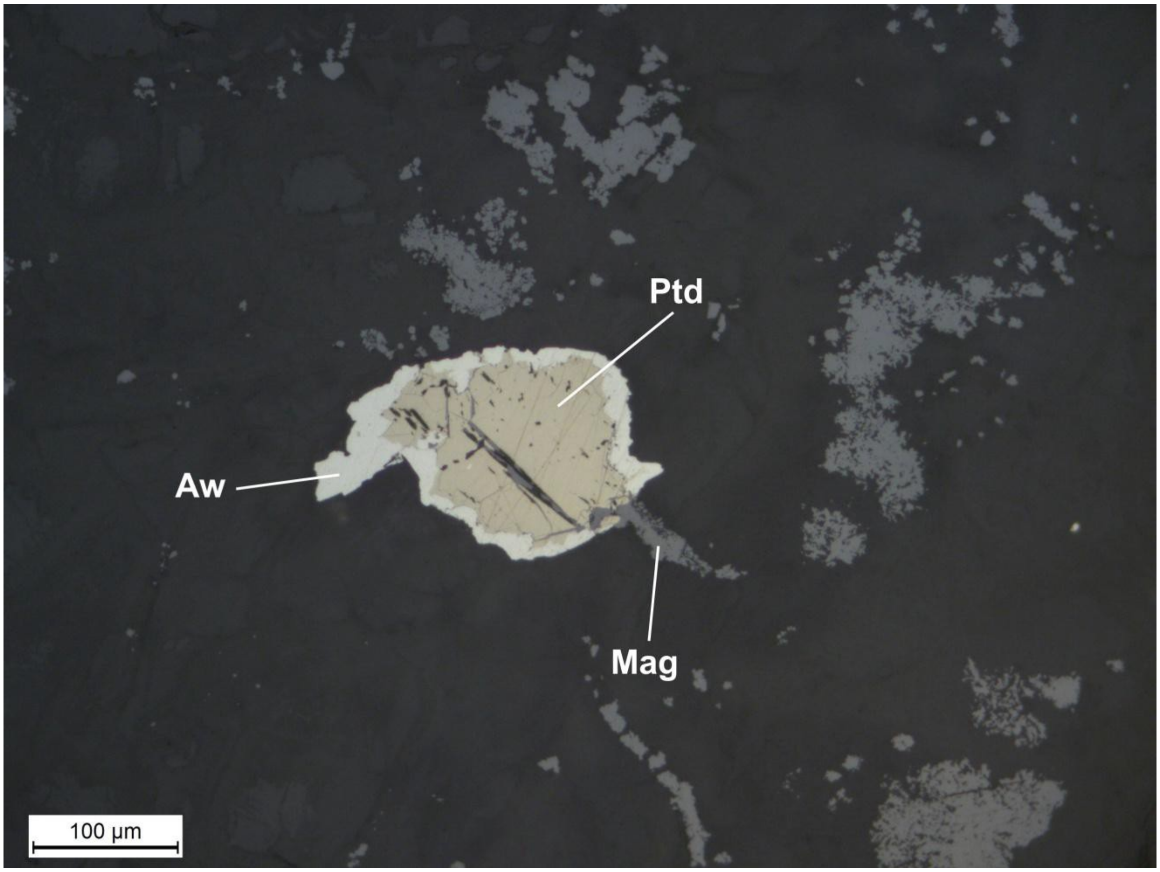


Figure 33: Composite grain formed of pentlandite, awaruite and magnetite.

12MMP042
Field observations: Aw 2
Analysis:
Microscopic observations:
- Matrix of olvine
- Mesh rims poorly developped
- Primary cpx and opx
- Abundant fine to medium grained awaruite (<1-50 microns), in serpentine veinlets/mesh rims

Highlights: Abundant fine to medium grained awaruite, abundant olivine

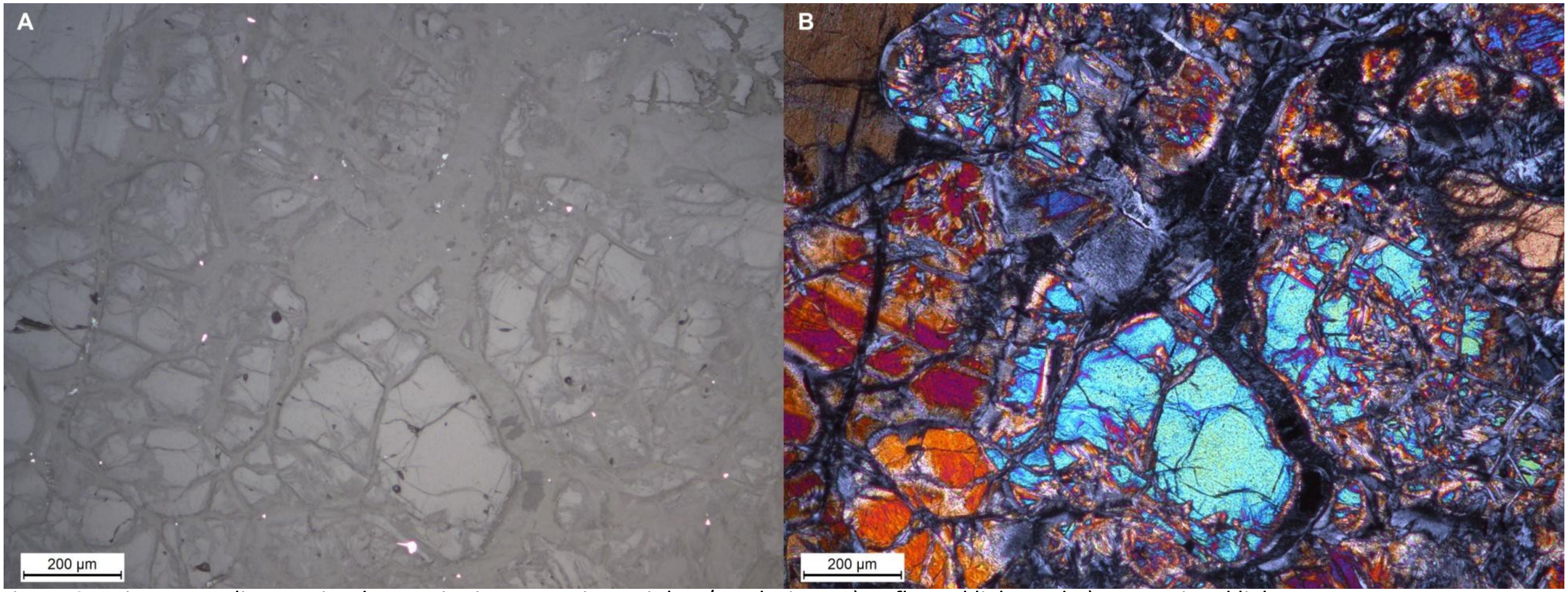


Figure 34: Fine to medium grained awaruite in serpentine veinlets/mesh rims. A) Reflected light and B) Transmitted light.

12IJAC107
Field observations: Aw 3, tr of composites
Analysis:
Microscopic observations:

- Matrix of olvine
- Mesh rims and interlocking serpentine
- Primary cpx and opx
- Common fine grained awaruite (<5 microns), in serpentine veinlets/mesh rims
- Trace of medium grained awaruite (50 microns)
- Common composites (25-100 mincrons)

Highlights: Common fine grained awaruite, abundant olivine, common composites

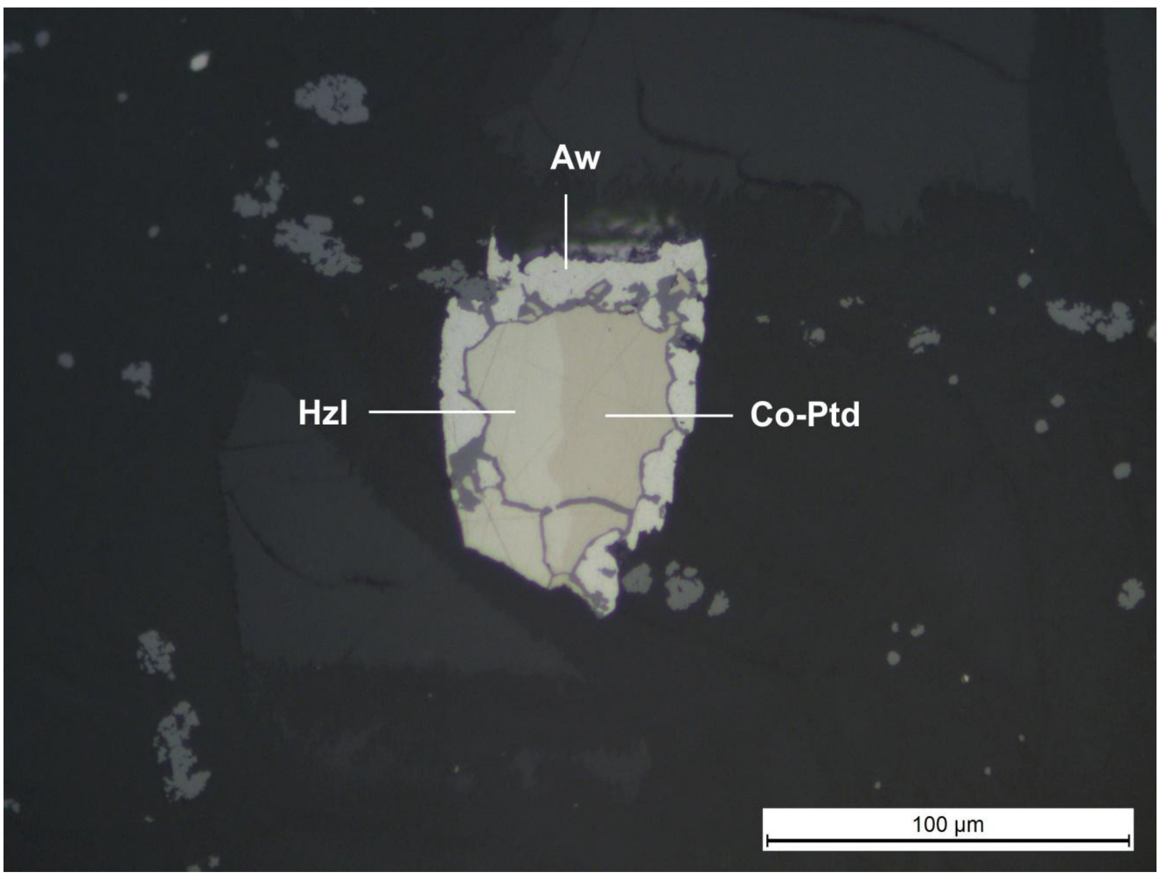


Figure 35: Composite grain formed of heazlewoodite, awaruite, cobalt-pentlandite and magnetite.

12IJAC135
Field observations: Aw 3, tr of composites
Analysis:
Microscopic observations:

- Recrystallized serpentine
- Matrix of olivine
- Abundant brucite
- Chlorite occurences
- Abundant medium to coarse grained awaruite (25-120 microns), in serpentine matrix
- Rare sulphides (heazlewoodite), 25-50 microns
- Trace of composites (aw + hzl + co-ptd), 50-125 microns
- Native copper

Highlights: Abundant medium to coarse grained awaruite, abundant olivine, rare sulphides/composites

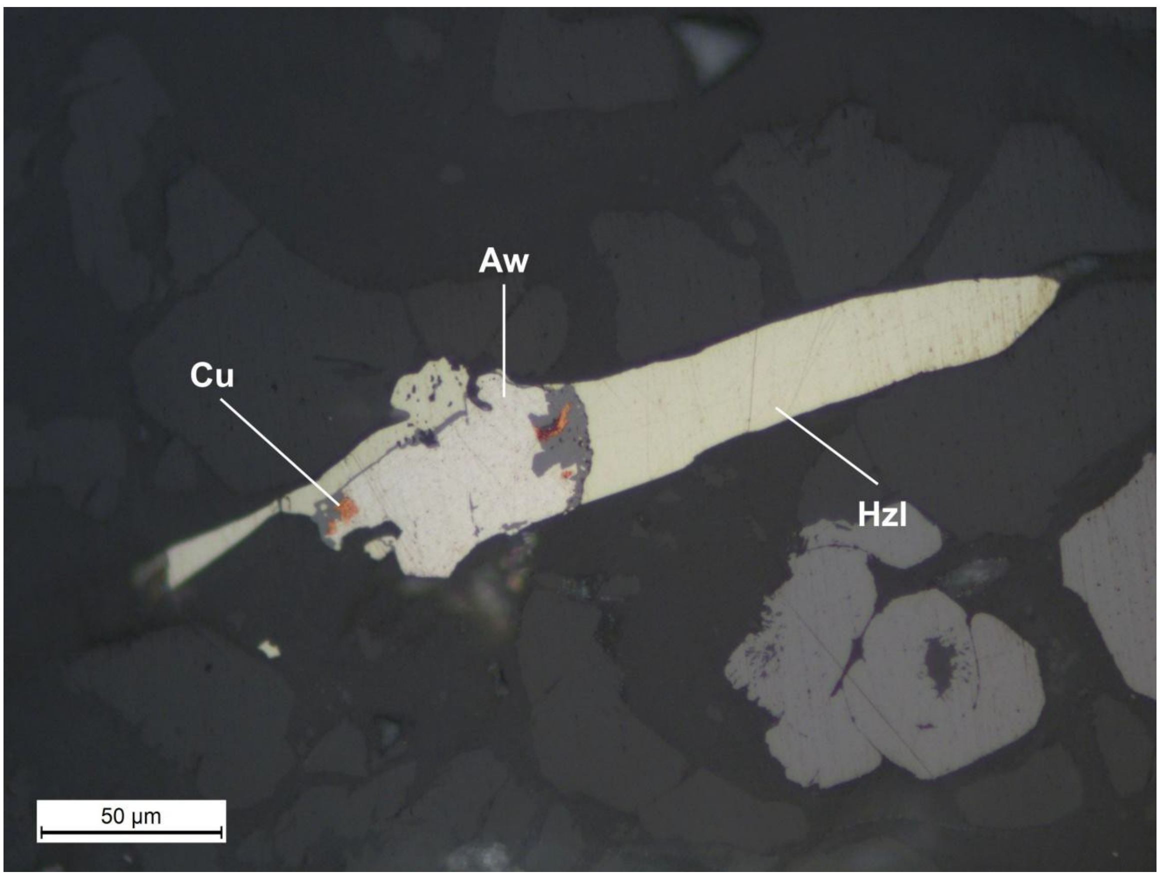


Figure 36: Composite grain formed of awaruite, heazlewoodite magnetite and native copper.

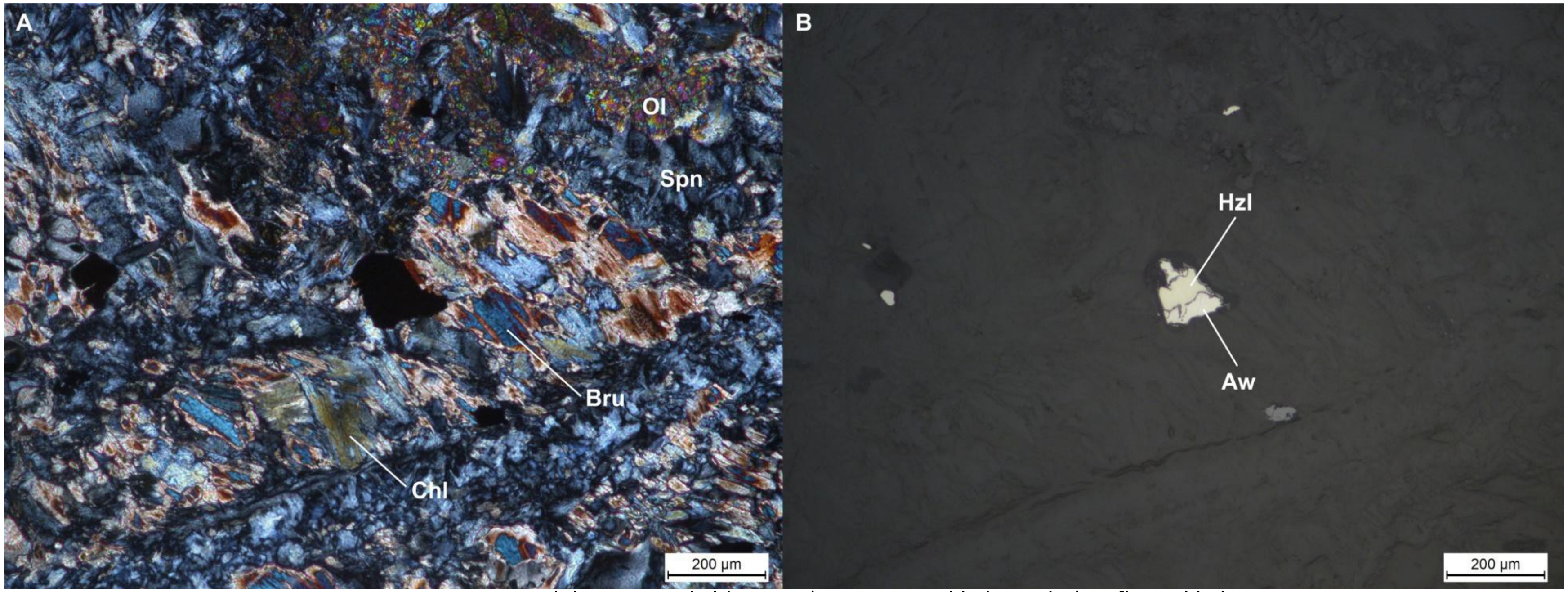


Figure 37: Composite grains occur in association with brucite and chlorite. A) Transmitted light and B) Reflected light.

12KAB011
Field observations: Aw 3, tr of composites
Analysis:
Microscopic observations:

- Mesh texture of serpentine poorly developped
- Matrix of olivine
- Primary opx
- Common medium to coarse grained awaruite (50-120 microns)

Highlights: Common medium to coarse grained awaruite, abundant olivine, no sulphides or composites

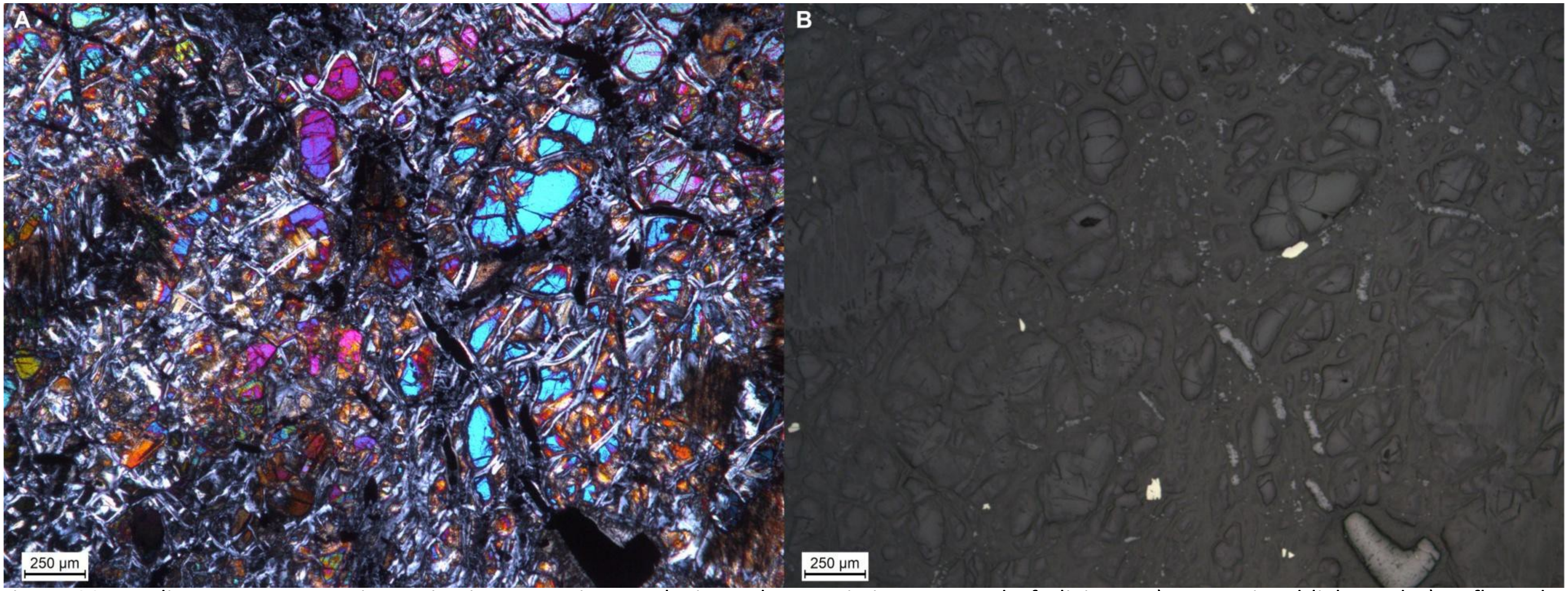


Figure 38: Medium-coarse awaruite grains in serpentine mesh rims. The matrix is composed of olivines. A) Transmitted light and B) Reflected light.

12KAB026

Field observations: Aw 3, tr of composites

Analysis:

Microscopic observations:

- Mesh texture of serpentine
- Recrystallized serpentine
- Primary olivine
- Cpx
- Common medium composites in serpentine matrix and veinlets/mesh rims (up to 200 microns), aw + ptd ± po

Highlights: Common composites, abundant olivine, no pure awaruite

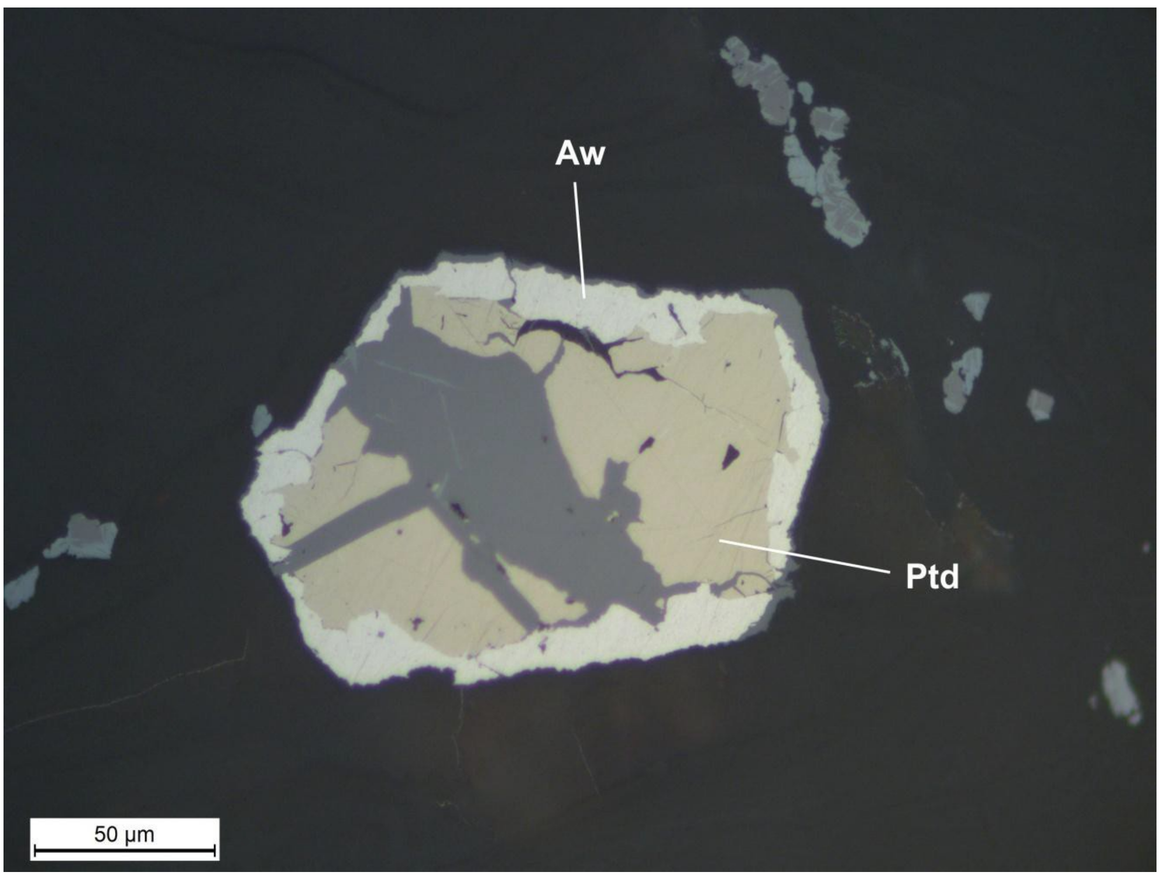


Figure 39: Composite grain formed of pentlandite and awaruite.

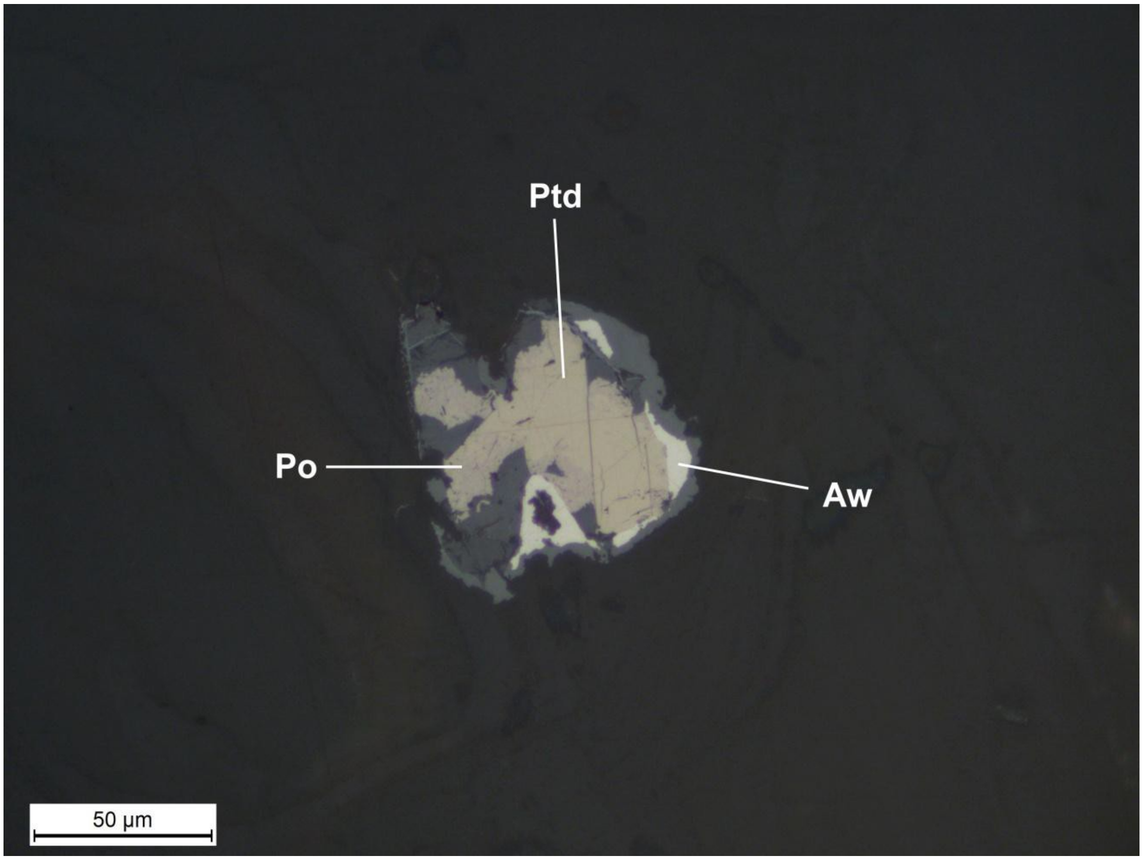


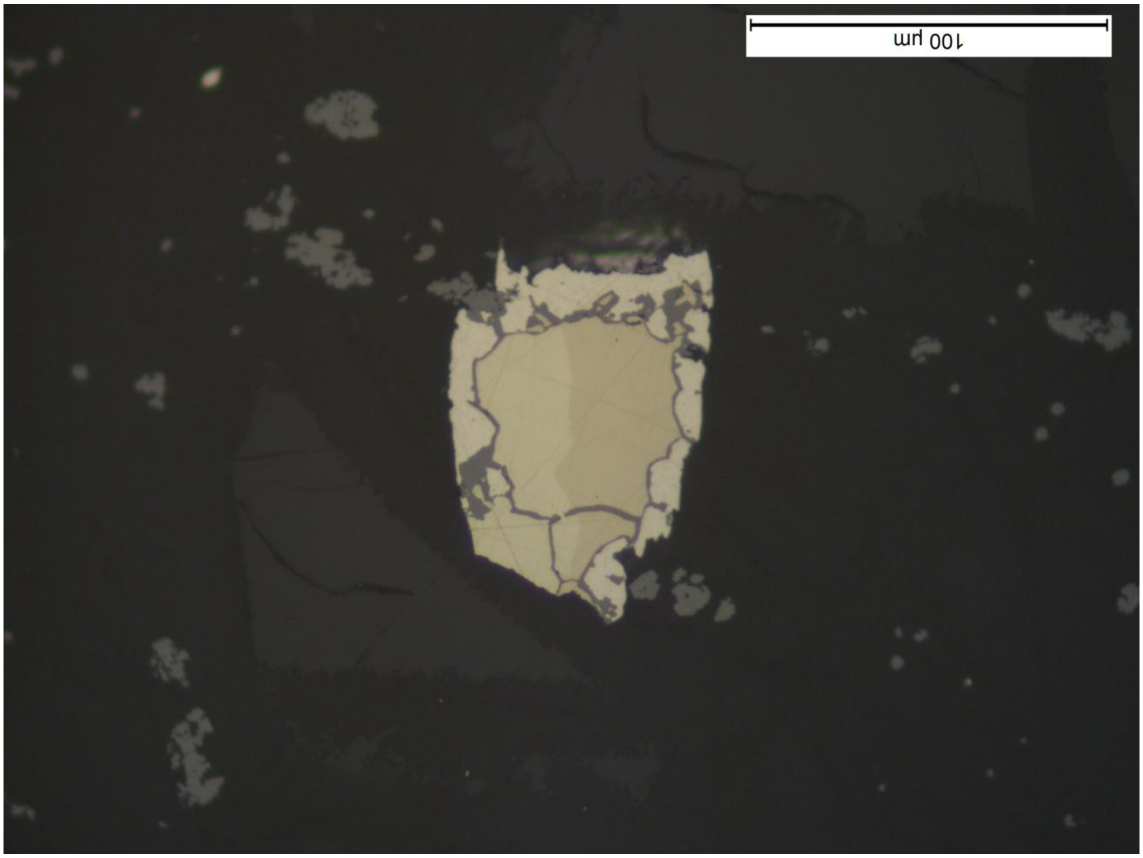
Figure 40: Composite grain formed of pyrrhotite, pentlandite and awaruite.

Comments on the 2012 samples

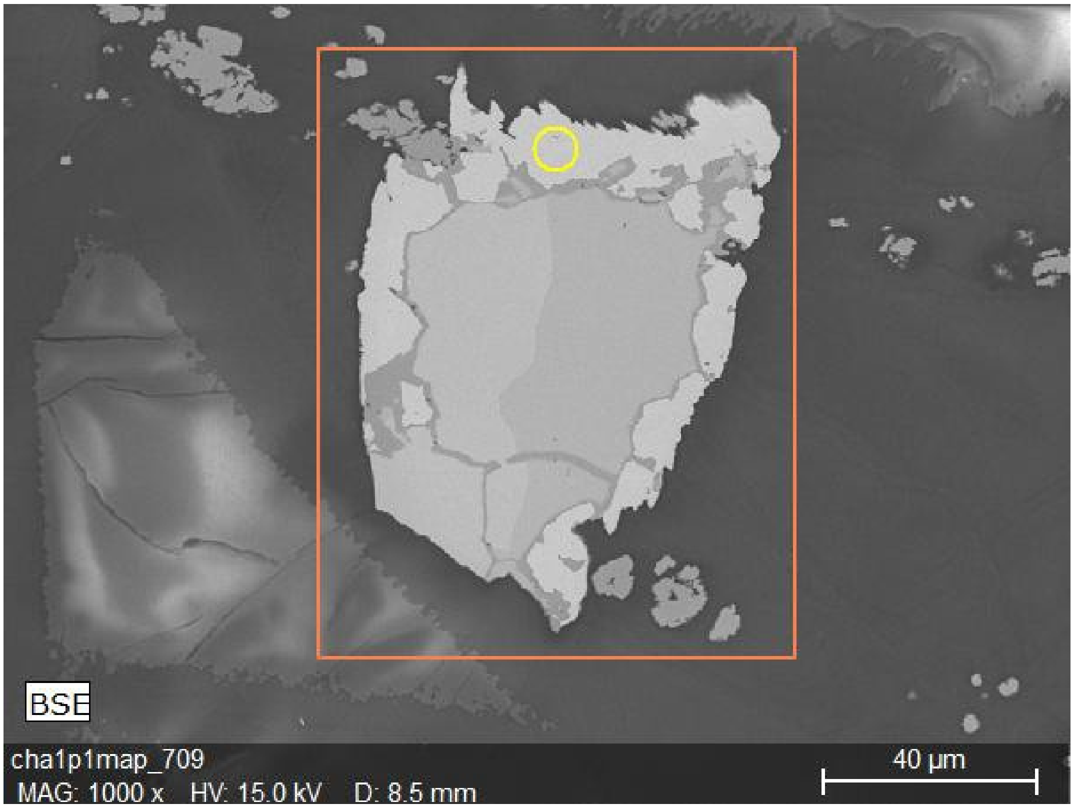
- Awaruite grain size and abundance vary for each sample. Awaruite was observed in 83% of the samples
- Common-abundant fine awaruite grains (<10 µm) were observed in 50% of the samples
- Common medium-coarse grained awaruite (25-150 µm) were observed in 67% of the samples
- Rare sulphide grains were observed in one sample
- Common composite (25-200 µm) were observed in 50% of the samples
- Both recrystallized and pseudomorphic serpentine are present
- Olvine is present in most samples. 50% of the samples contain abundant olivine
- Both clinopyroxenes and orthopyroxenes are present

SEM Work – Mich Samples 2012

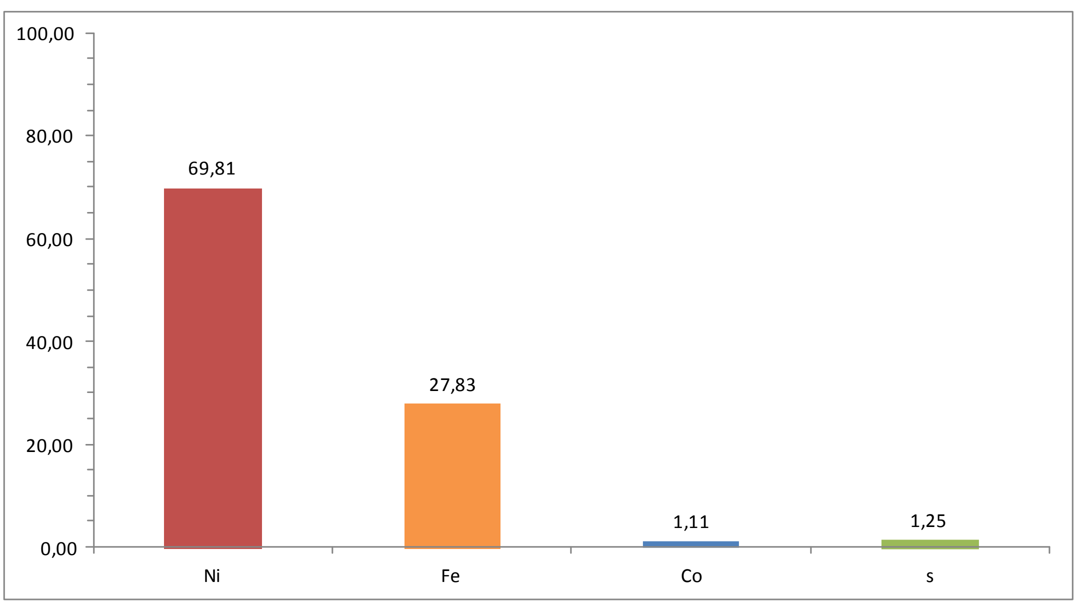
12IJAC107 - Grain 1



Awaruite

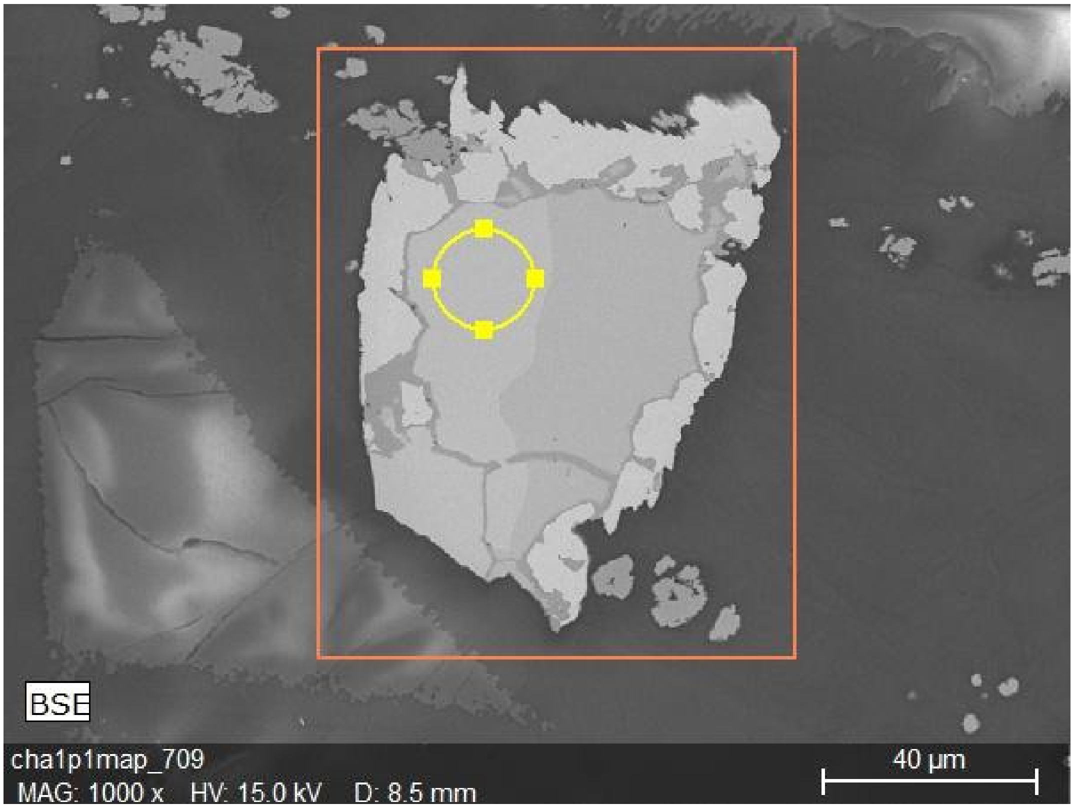


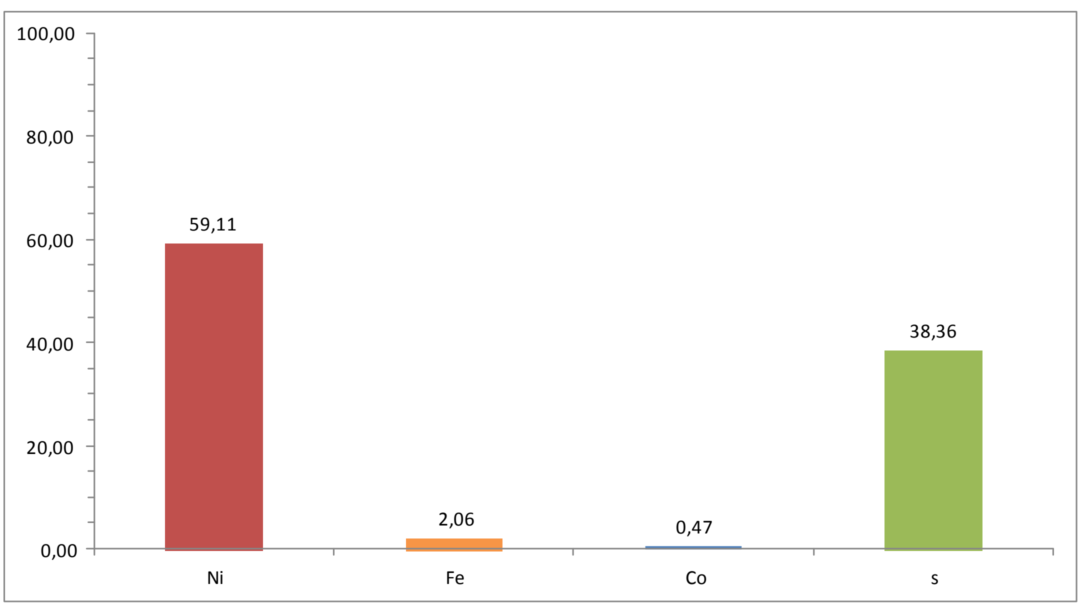
BSE
cha1p1map_709
MAG: 1000 x HV: 15.0 kV D: 8.5 mm
40 µm



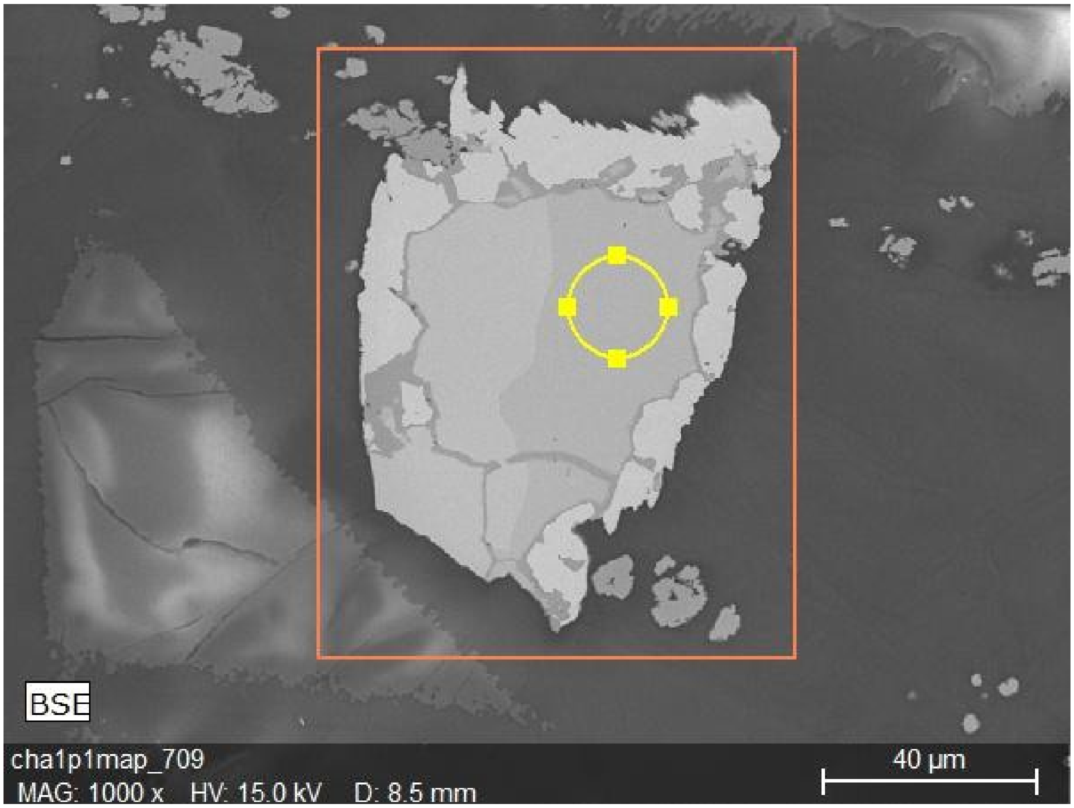
100,00
80,00
60,00
40,00
20,00
0,00
69,81
27,83
1,11
1,25
Ni
Fe
Co
s

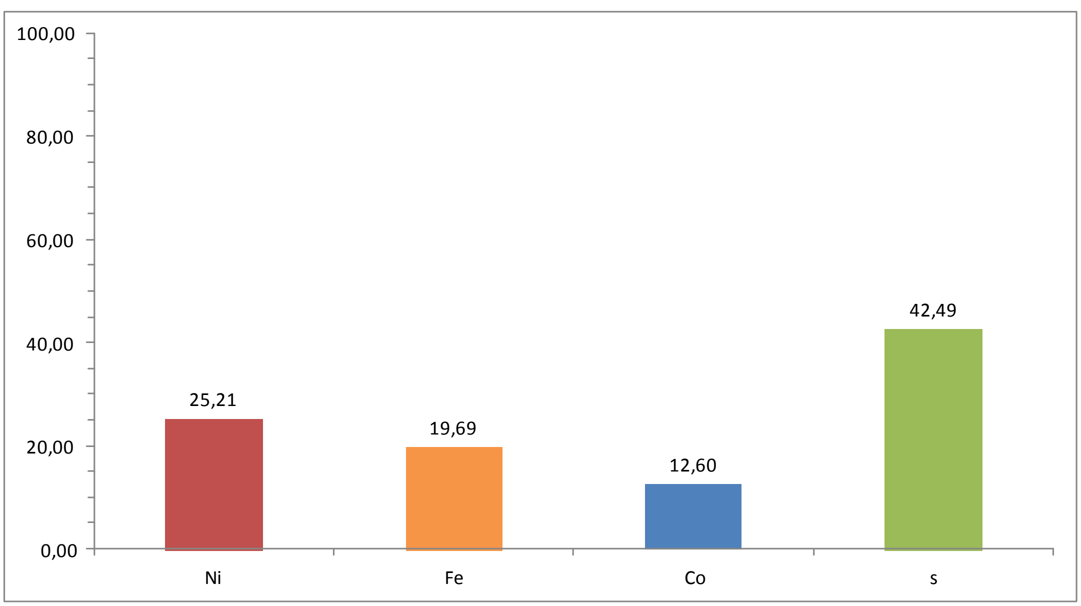
Heazlewoodite



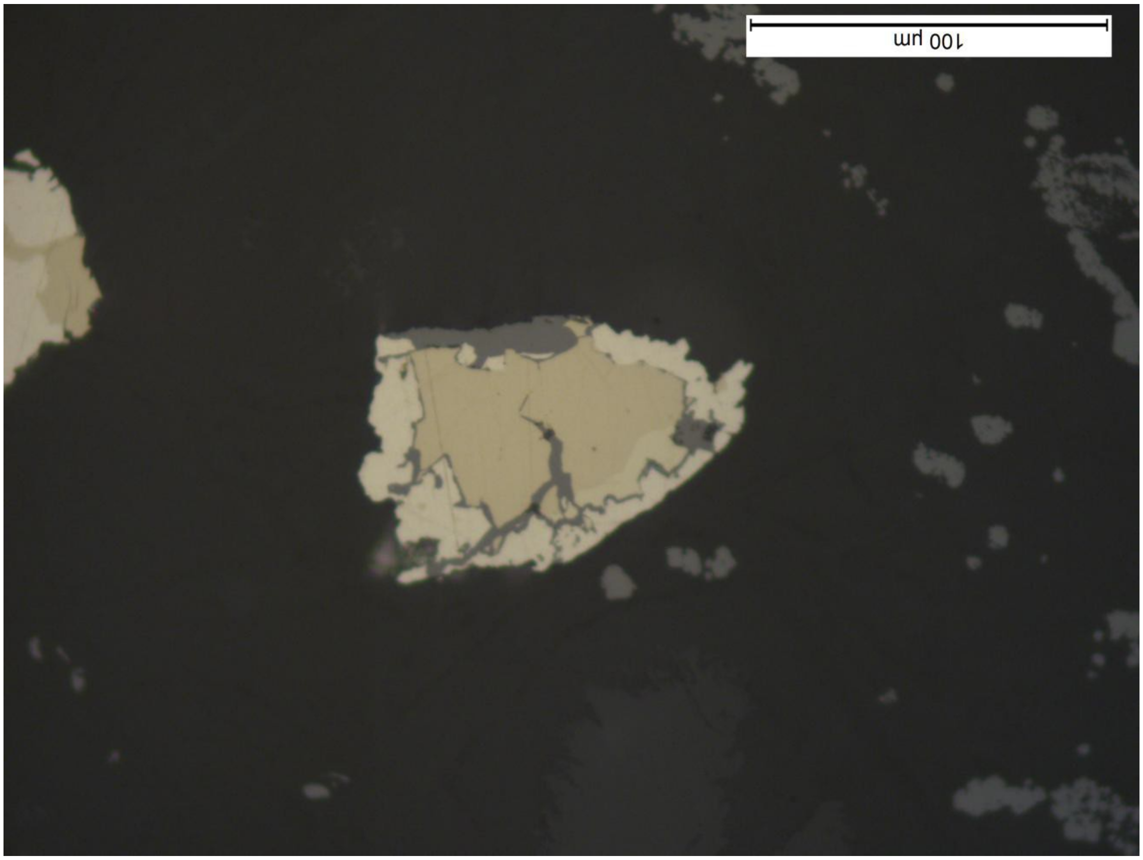


Cobalt-Pentlandite

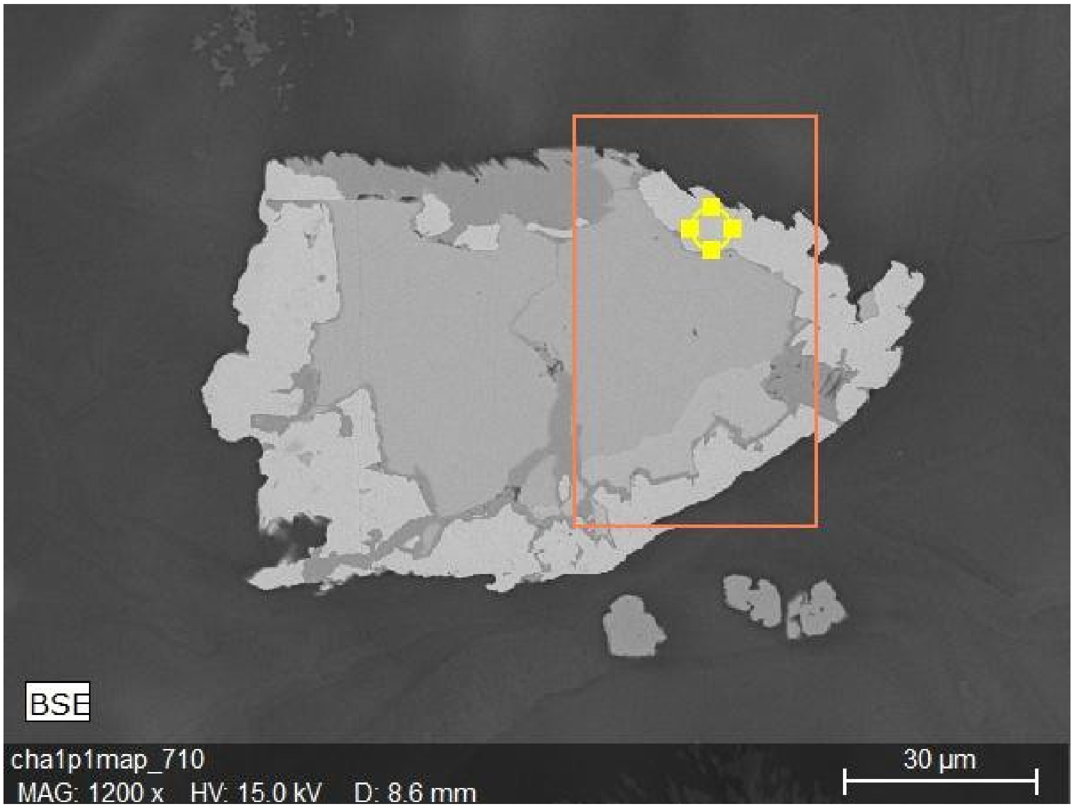


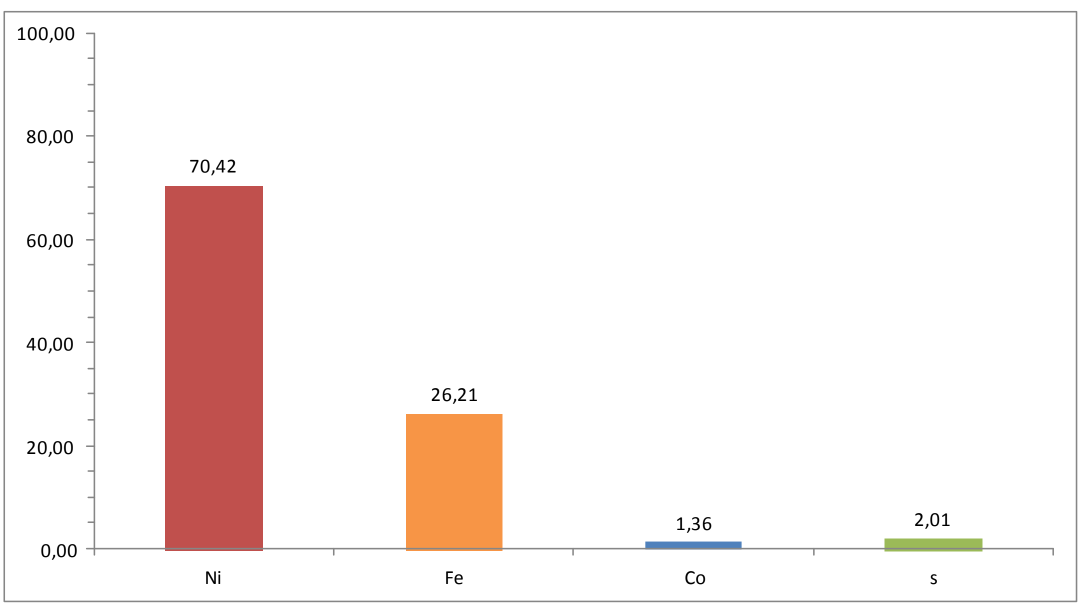


12IJAC107 - Grain 2

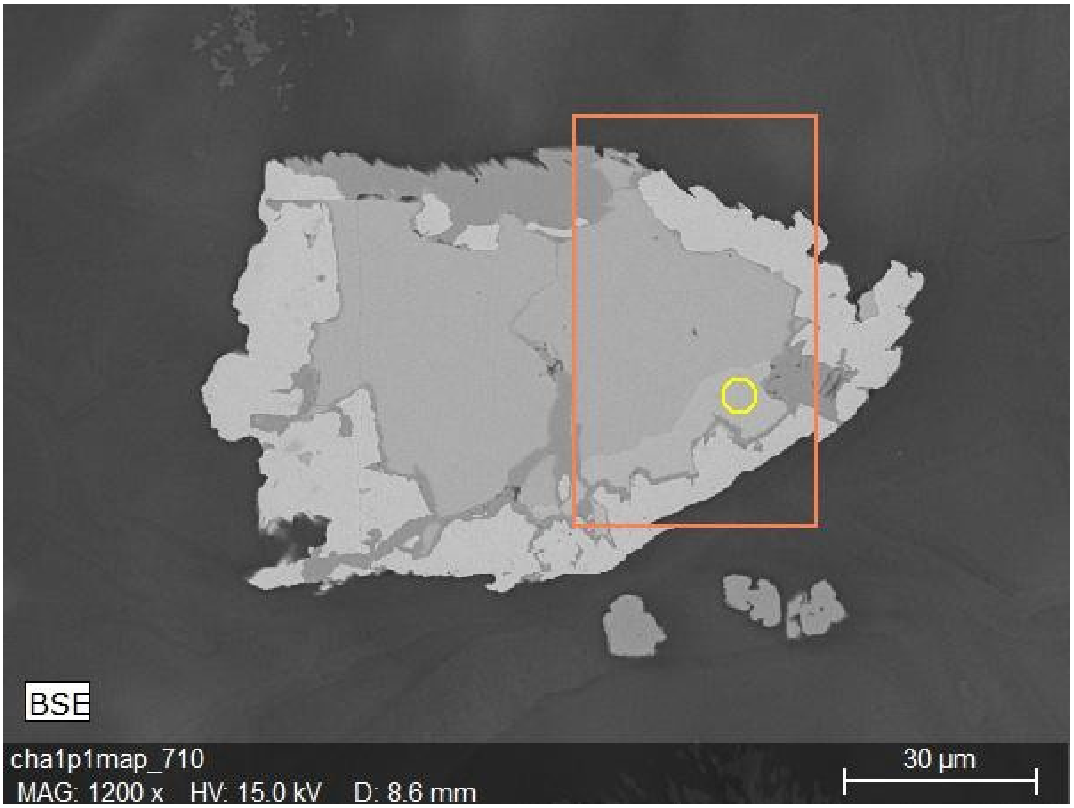


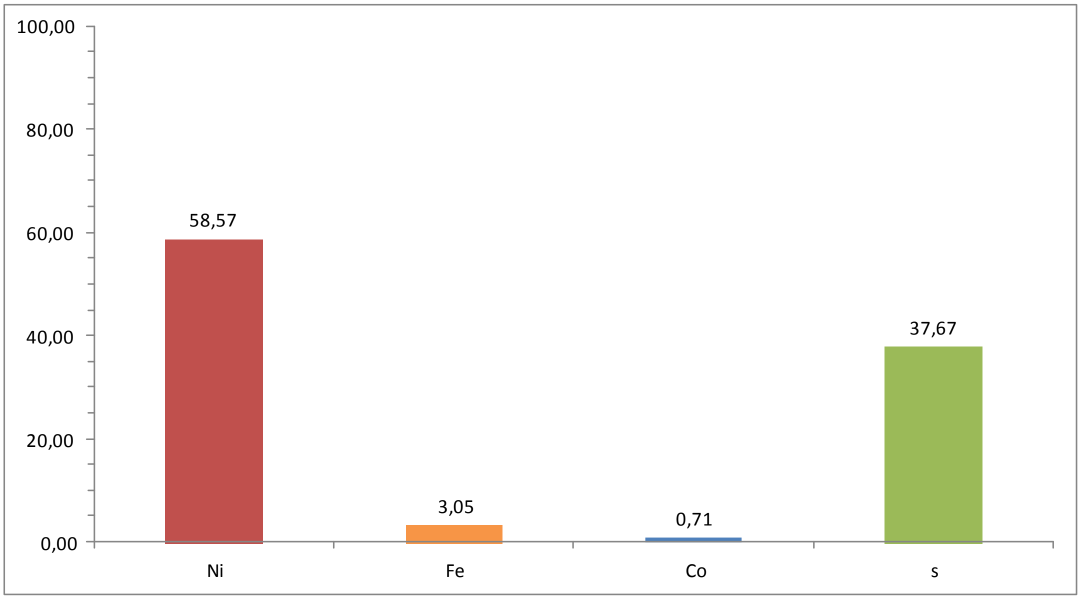
Awaruite


BSE
cha1p1map_710
MAG: 1200 x HV: 15.0 kV D: 8.6 mm
30 µm

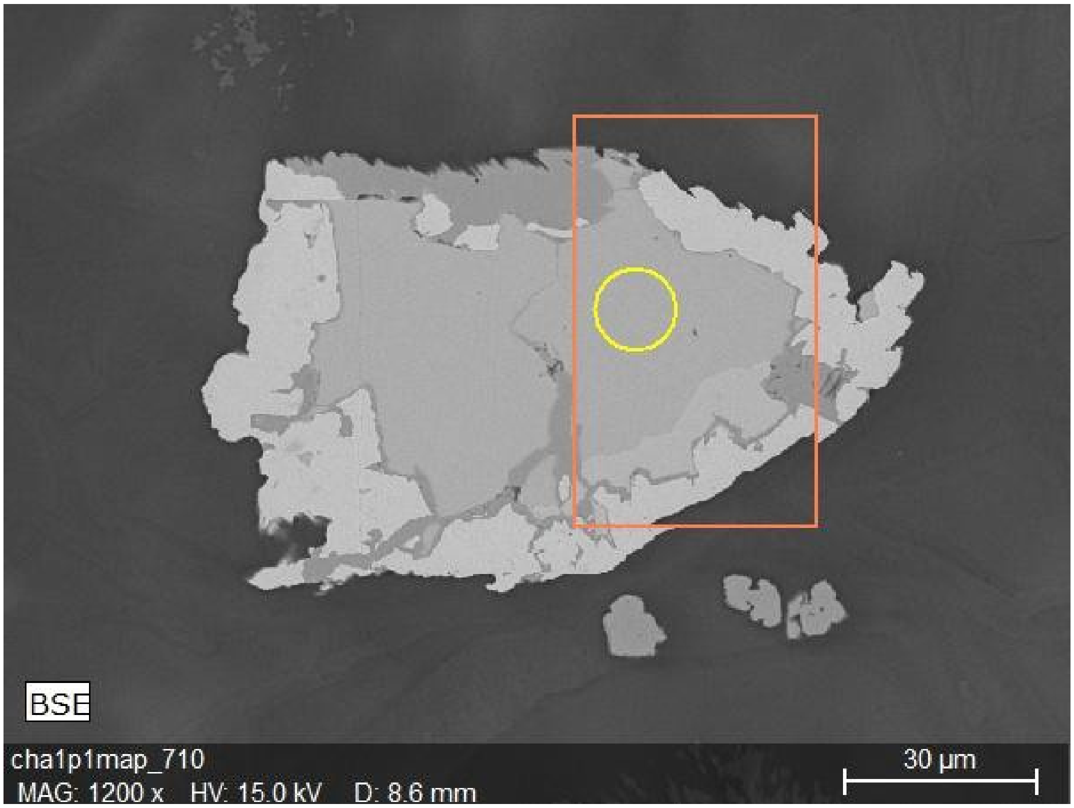

100,00
80,00
60,00
40,00
20,00
0,00
70,42
26,21
1,36
2,01
Ni
Fe
Co
s

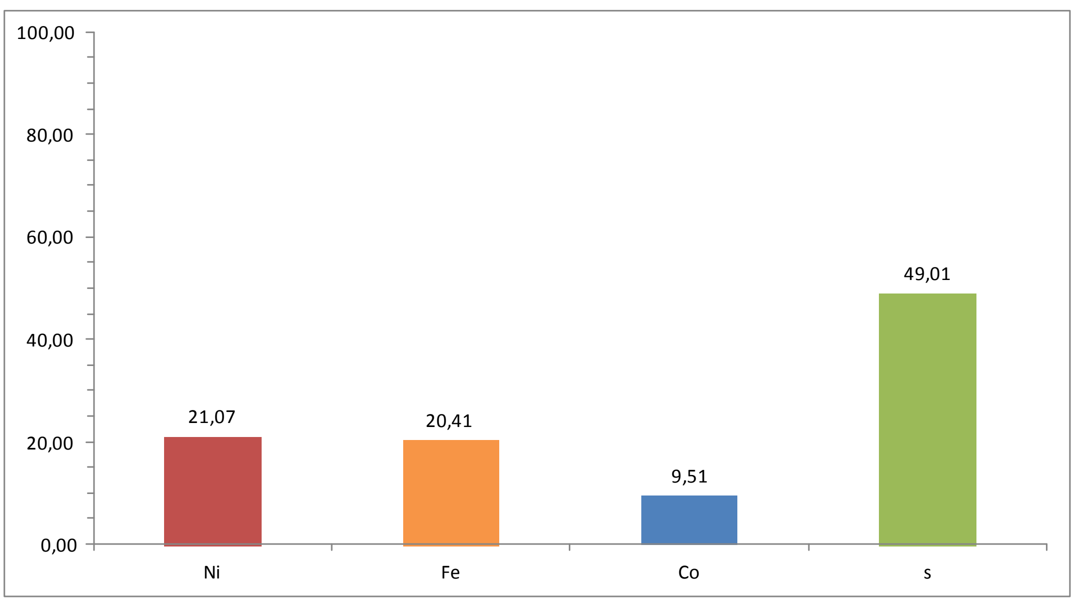
Heazlewoodte



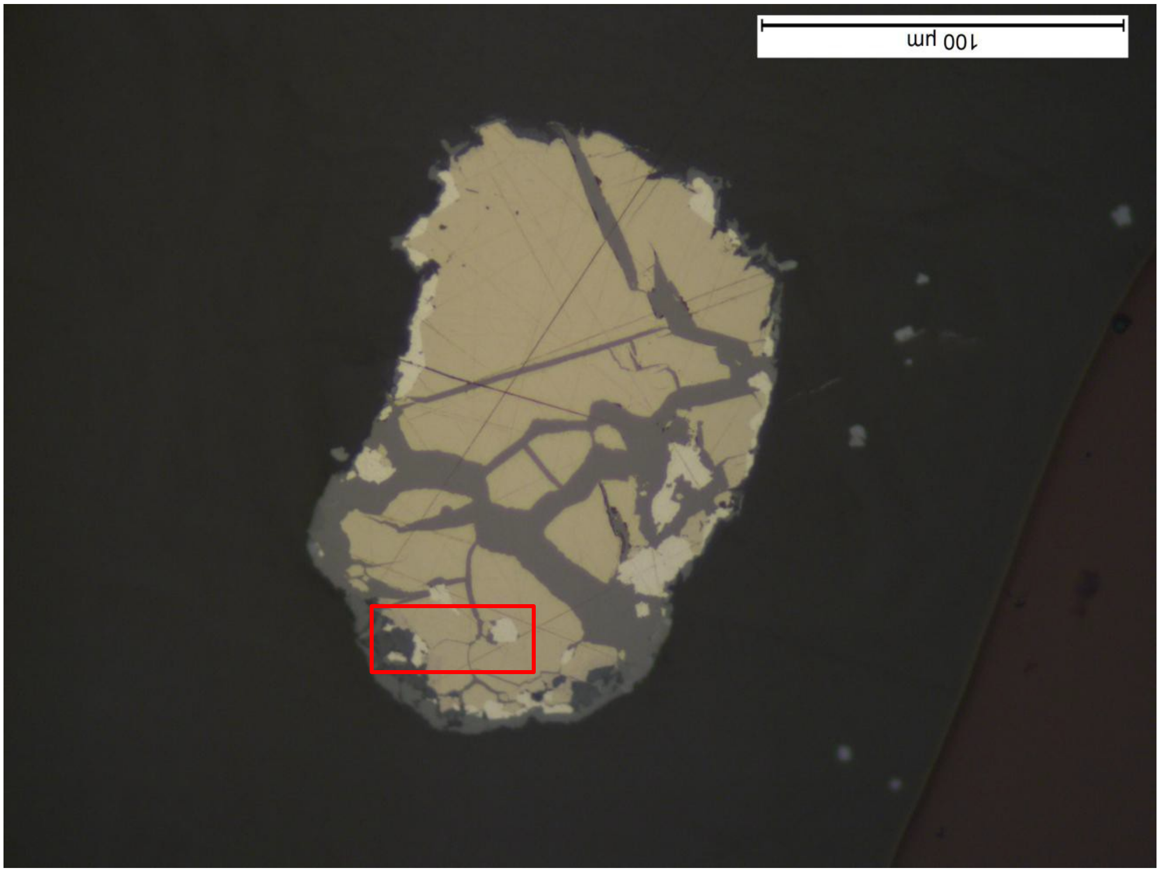


Cobalt-Pentlandite





12KAB026 - Grain 1



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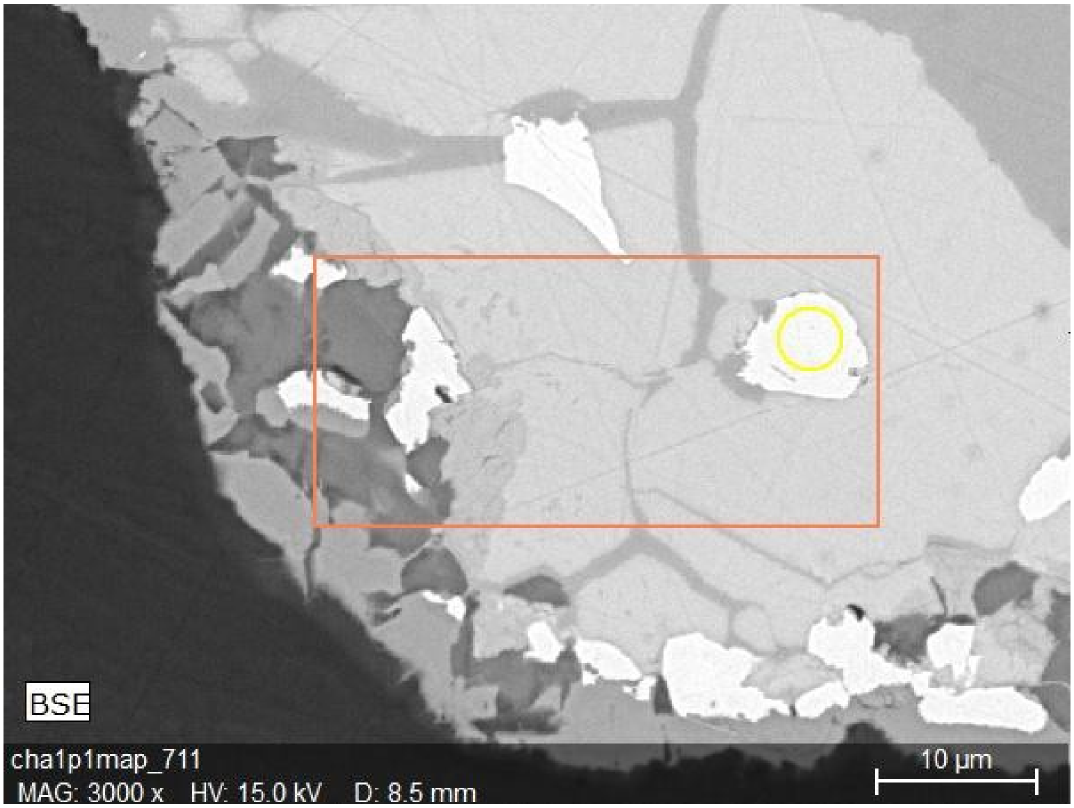
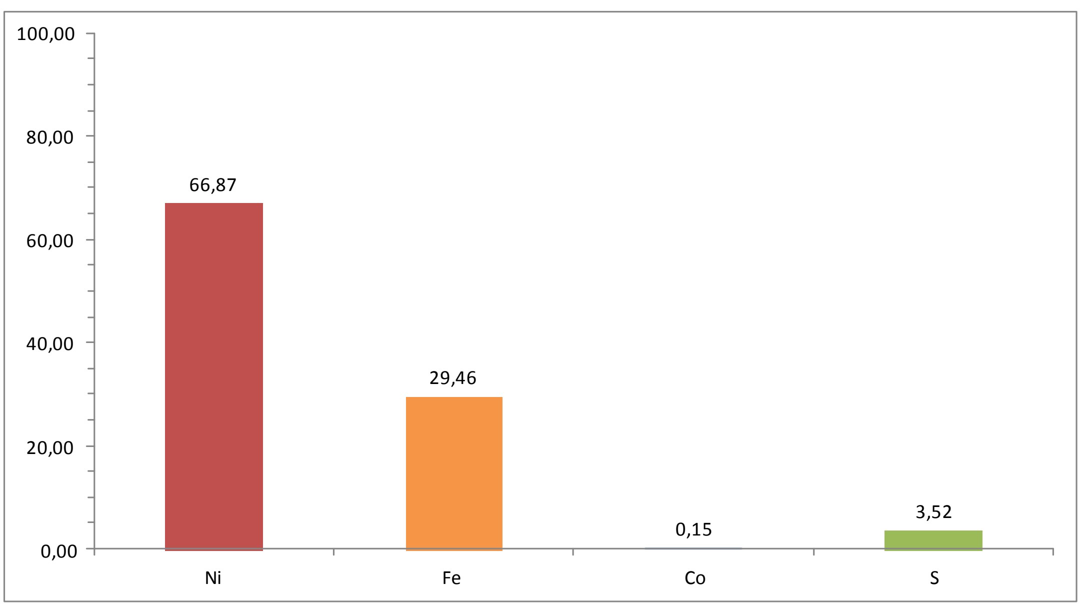
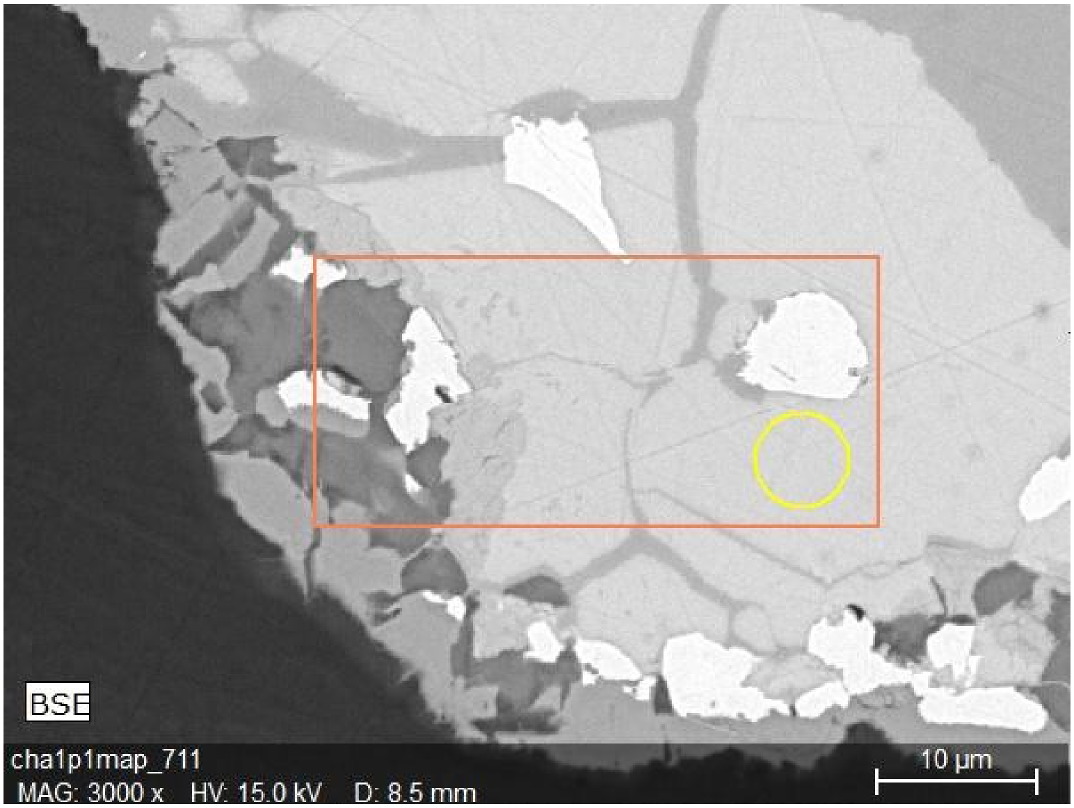
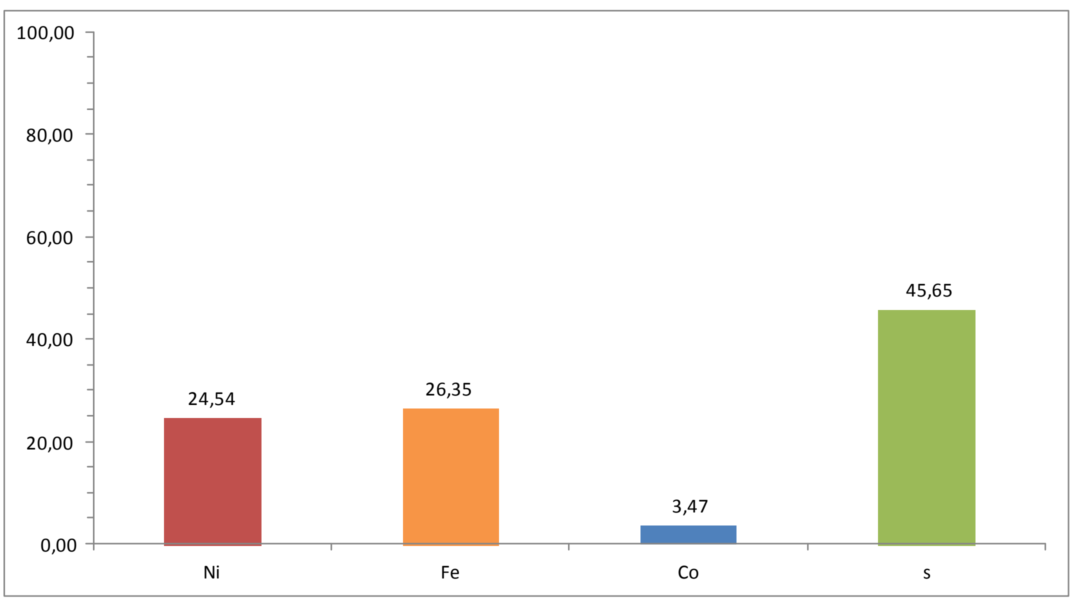

BSE
cha1p1map_711
MAG: 3000 x HV: 15.0 kV D: 8.5 mm
10 µm

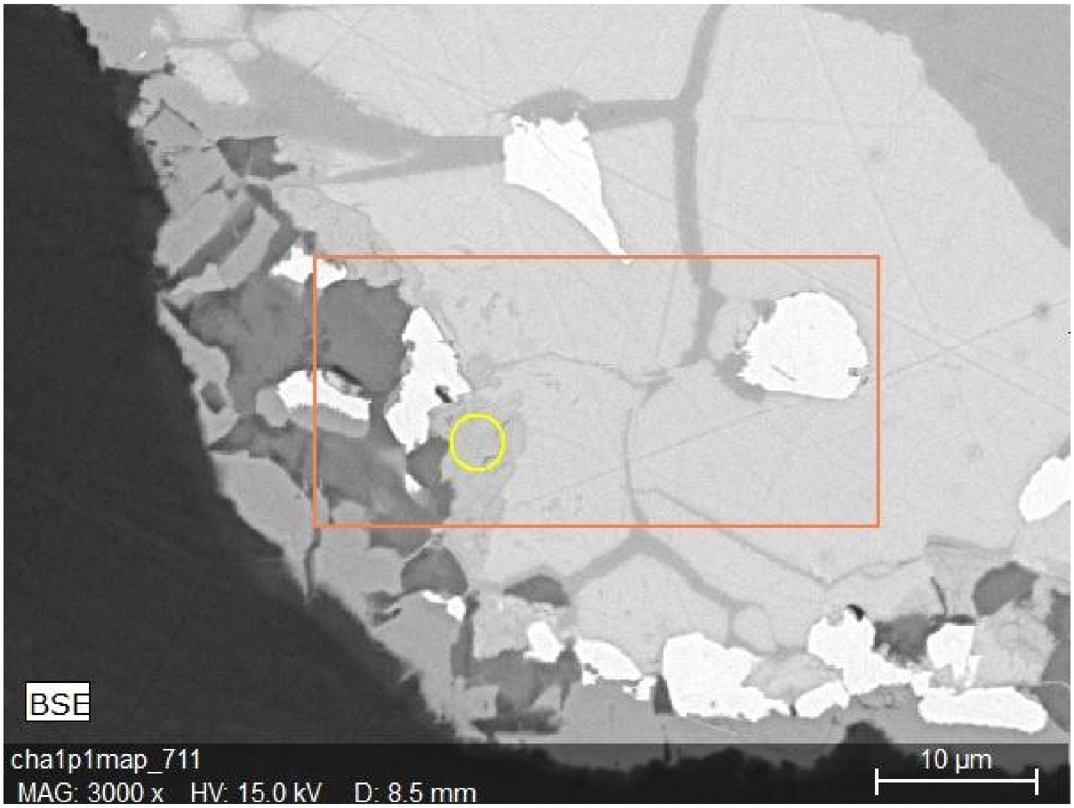

100,00
80,00
60,00
40,00
20,00
0,00
66,87
29,46
0,15
3,52
Ni
Fe
Co
S

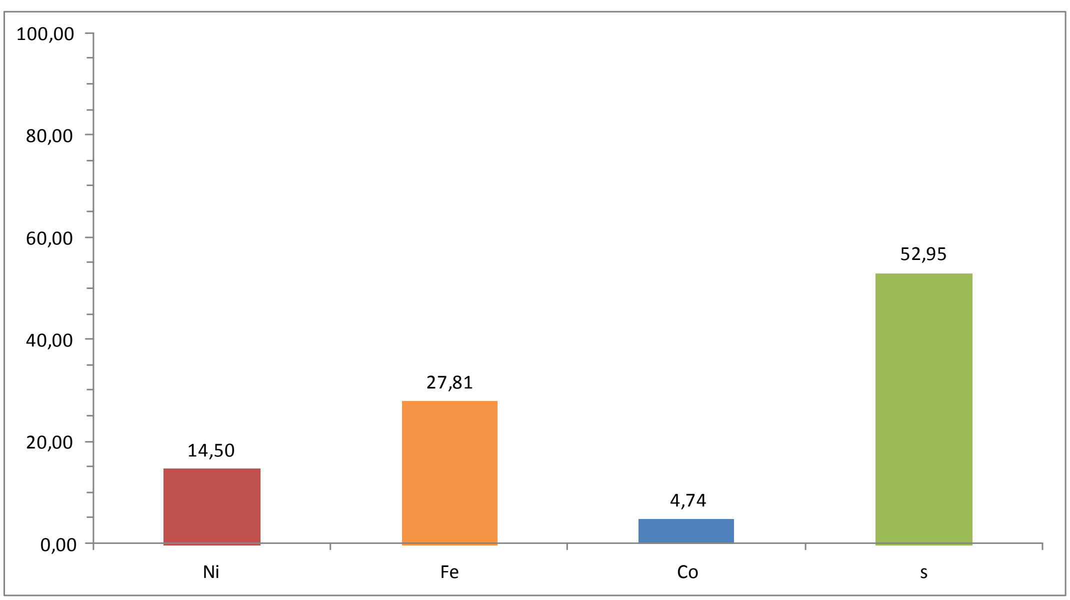
Cobalt-Pentlandite





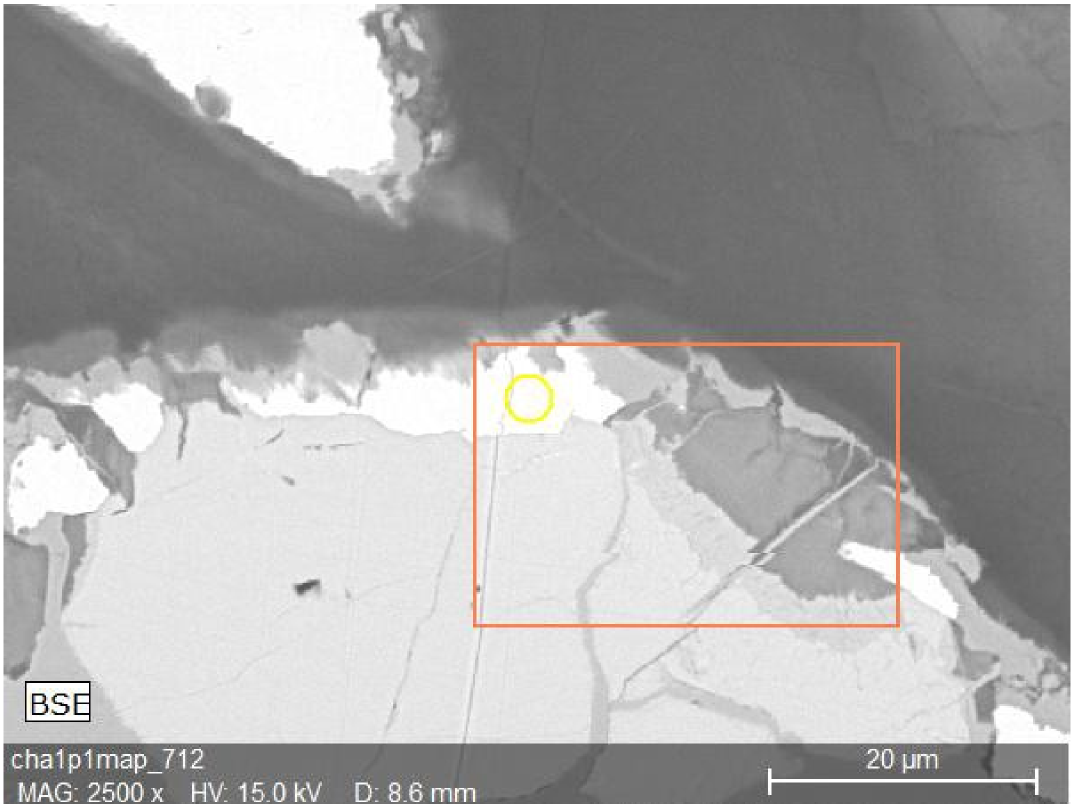
Cobalt-Pentlandite





12KAB026 - Grain 2

Awaruite


BSE
cha1p1map_712
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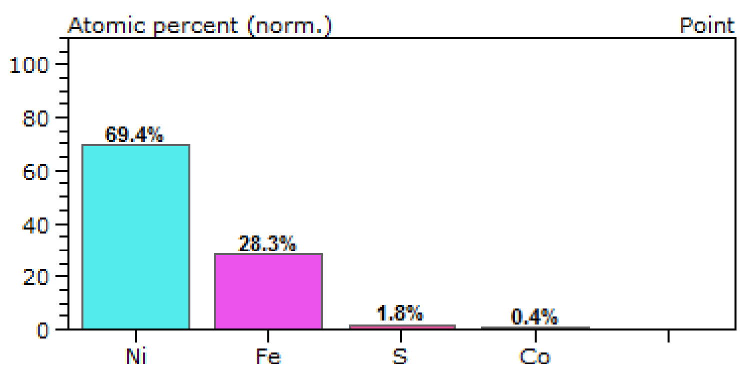
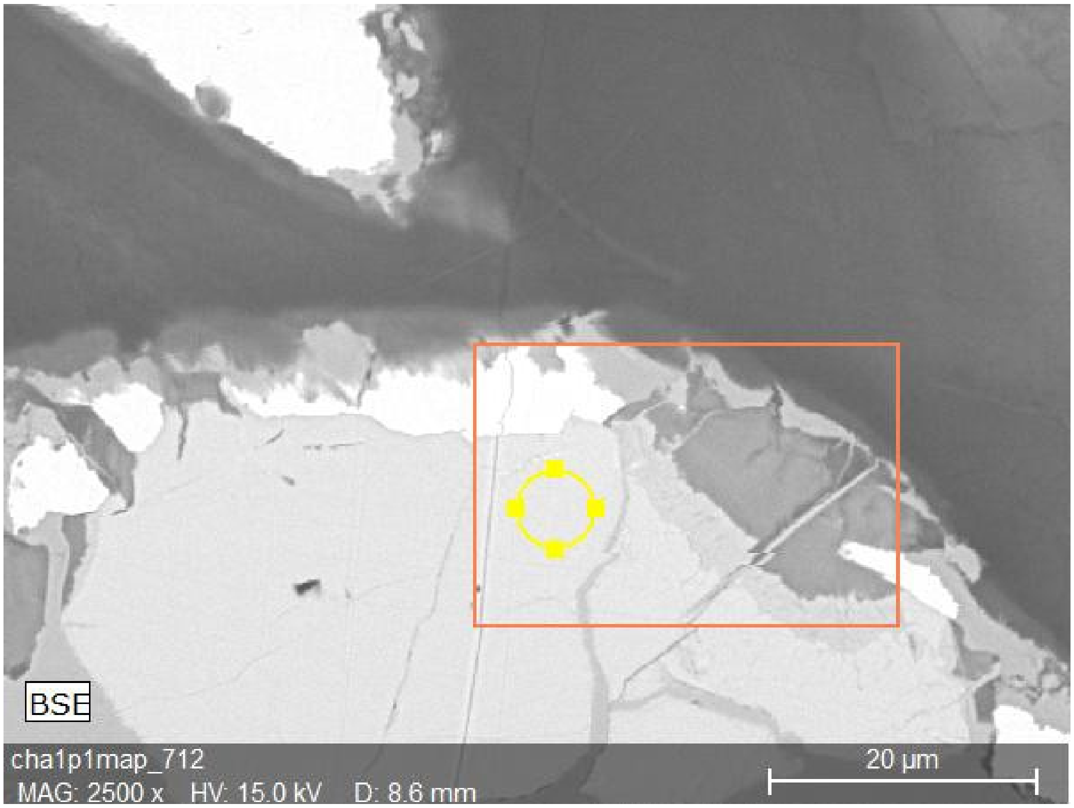
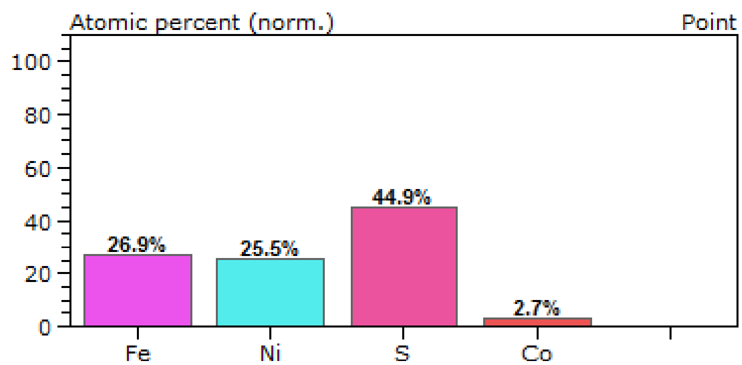
20 µm


Atomic percent (norm.)
Point
100
80
60
40
20
0
69.4%
28.3%
1.8%
0.4%
Ni
Fe
S
Co

Pentlandite





APPENDIX IV - CERTIFICATES OF ANALYSIS

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **First Point Minerals Corporation**
906 - 1112 W. Pender St.
Vancouver BC V6E 2S1 Canada

Submitted By:	Ian Carr
Receiving Lab:	Canada-Vancouver
Received:	October 03, 2012
Report Date:	November 16, 2012
Page:	1 of 7

CERTIFICATE OF ANALYSIS VAN12004738.1

CLIENT JOB INFORMATION

Project:	780
Shipment ID:	
P.O. Number	
Number of Samples:	154

SAMPLE DISPOSAL

RTRN-PLP	Return
RTRN-RJT	Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	150	Crush, split and pulverize 250 g rock to 200 mesh			VAN
8FPX	150	Metallic Ni by the FPX method	1	Completed	VAN
1E	150	4 Acid digestion ICP-ES analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: First Point Minerals Corporation
906 - 1112 W. Pender St.
Vancouver BC V6E 2S1
Canada

CC: Ron Britten
Peter Bradshaw

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

Client: **First Point Minerals Corporation**
906 - 1112 W. Pender St.
Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	WGHT	8FPX	8FPX	8FPX	8FPX	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Wgt	Ni	Fe	Mg	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	10	100	100	500	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4
G1	Prep Blank	<0.01	<10	1100	123	<500	<2	<2	9	49	<0.5	5	5	723	2.27	<5	<20	<4	7	678	<0.4
G1	Prep Blank	<0.01	<10	1283	194	<500	<2	<2	13	49	<0.5	4	6	717	2.25	<5	<20	<4	7	676	<0.4
12IJAC092	Rock	0.77	977	577	2360	<500	<2	16	<5	48	<0.5	1926	99	1443	4.47	<5	<20	<4	<2	<2	<0.4
12IJAC093	Rock	0.88	709	755	1773	<500	<2	14	<5	45	<0.5	1983	107	666	5.79	<5	<20	<4	<2	<2	0.5
12IJAC094	Rock	0.82	880	569	2227	<500	<2	13	<5	49	<0.5	2220	123	939	4.15	<5	<20	<4	<2	<2	<0.4
12IJAC095	Rock	1.22	551	598	1528	<500	<2	12	<5	55	<0.5	2176	112	716	5.30	<5	<20	<4	<2	<2	<0.4
12IJAC096	Rock	0.86	1271	360	3108	<500	<2	10	<5	45	<0.5	2405	107	841	4.46	<5	<20	<4	<2	<2	0.5
12IJAC097	Rock	0.92	668	558	1655	<500	<2	14	<5	56	<0.5	2079	107	802	5.27	<5	<20	<4	<2	<2	<0.4
12IJAC100	Rock	0.58	1008	580	1716	<500	<2	18	<5	48	<0.5	2022	105	1034	5.05	<5	<20	<4	<2	<2	<0.4
12IJAC103	Rock	1.41	1022	850	2724	<500	<2	19	<5	48	<0.5	2293	106	1020	4.97	<5	<20	<4	<2	<2	<0.4
12IJAC104	Rock	1.01	390	497	1639	<500	<2	12	<5	54	<0.5	2269	121	714	6.47	<5	<20	<4	<2	<2	<0.4
12IJAC105	Rock	1.12	792	193	1171	<500	<2	12	<5	56	<0.5	2065	112	1152	4.66	<5	<20	<4	<2	<2	0.5
12IJAC106	Rock	1.09	847	494	1727	<500	<2	17	<5	45	<0.5	1987	97	898	4.11	<5	<20	<4	<2	<2	<0.4
12IJAC107	Rock	0.90	957	647	2547	<500	<2	18	<5	51	<0.5	1988	104	940	4.88	<5	<20	<4	<2	<2	0.4
12IJAC110	Rock	0.69	260	495	6441	<500	<2	4	<5	33	<0.5	2429	112	743	4.68	<5	<20	<4	<2	<2	<0.4
12IJAC121	Rock	0.87	522	167	2472	<500	<2	<2	<5	34	<0.5	2360	97	707	3.04	<5	<20	<4	<2	<2	<0.4
12IJAC124	Rock	1.00	536	382	2054	<500	<2	6	5	54	<0.5	2201	106	952	4.86	<5	<20	<4	<2	<2	<0.4
12IJAC127	Rock	0.86	842	578	2642	<500	<2	5	<5	56	<0.5	2119	98	780	4.23	<5	<20	<4	<2	<2	<0.4
12IJAC128	Rock	0.94	539	295	2326	<500	<2	3	<5	57	<0.5	2168	102	783	3.49	<5	<20	<4	<2	<2	<0.4
12IJAC129	Rock	0.99	703	543	2113	<500	<2	5	<5	58	<0.5	2110	101	870	4.30	<5	<20	<4	<2	<2	<0.4
12IJAC130	Rock	0.94	668	500	2040	<500	<2	9	<5	53	<0.5	2159	104	929	4.52	<5	<20	<4	<2	<2	0.5
12IJAC132	Rock	0.83	579	428	1694	<500	<2	10	<5	44	<0.5	2004	99	1127	4.27	<5	<20	<4	<2	<2	<0.4
12IJAC133	Rock	1.50	998	478	2070	<500	<2	13	<5	60	<0.5	2100	110	1128	4.50	<5	<20	<4	<2	<2	0.4
12IJAC134	Rock	0.94	710	232	1702	<500	<2	8	<5	50	<0.5	2030	104	1600	4.13	<5	<20	<4	<2	<2	<0.4
12IJAC135	Rock	0.72	1483	254	4086	<500	<2	13	<5	28	<0.5	3305	108	573	3.74	<5	<20	<4	<2	<2	<0.4
12IJAC136	Rock	0.98	1071	601	1991	<500	<2	16	<5	47	<0.5	2041	101	1297	4.82	<5	<20	<4	<2	<2	0.5
12JWS001	Rock	1.32	592	1294	4294	<500	<2	14	<5	48	<0.5	1965	103	953	4.94	<5	<20	<4	<2	<2	0.4
12JWS002	Rock	1.32	362	585	2013	<500	<2	18	5	49	<0.5	2414	114	1187	5.71	<5	<20	<4	<2	<2	0.4
12JWS003	Rock	0.86	856	367	1467	<500	<2	8	<5	49	<0.5	2076	102	537	5.09	<5	<20	<4	<2	<2	<0.4
12JWS004	Rock	0.92	206	197	1286	<500	<2	12	6	37	<0.5	2327	116	665	5.07	<5	<20	<4	<2	<2	<0.4

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **First Point Minerals Corporation**
906 - 1112 W. Pender St.
Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E	1E	1E		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
	Unit	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	5	5	2	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
G1	Prep Blank	<5	<5	48	2.22	0.078	21	13	0.62	1004	0.22	7.30	2.60	2.62	<4	14	<2	15	23	1	5
G1	Prep Blank	<5	<5	49	2.18	0.075	22	12	0.63	1013	0.23	7.13	2.49	1.91	<4	14	3	15	24	3	5
12IJAC092	Rock	<5	<5	50	1.95	<0.002	2	1150	20.93	4	0.01	0.73	0.03	<0.01	<4	<2	<2	<2	<2	<1	12
12IJAC093	Rock	<5	<5	59	0.74	<0.002	2	1325	21.76	3	0.01	0.72	0.01	<0.01	<4	<2	3	<2	<2	<1	12
12IJAC094	Rock	<5	<5	49	0.82	<0.002	2	1255	23.19	4	0.01	0.72	0.01	<0.01	<4	<2	3	<2	<2	<1	12
12IJAC095	Rock	<5	<5	45	0.15	<0.002	2	1204	21.53	2	<0.01	0.74	<0.01	<0.01	<4	<2	2	<2	<2	<1	11
12IJAC096	Rock	<5	<5	15	0.01	<0.002	3	1601	25.57	<1	<0.01	0.13	<0.01	<0.01	<4	<2	4	<2	<2	<1	3
12IJAC097	Rock	<5	5	51	0.47	<0.002	2	1191	21.44	3	<0.01	0.79	0.01	<0.01	<4	<2	<2	<2	<2	<1	10
12IJAC100	Rock	<5	<5	48	0.98	0.013	2	1453	22.40	14	<0.01	0.54	0.01	<0.01	<4	<2	3	<2	<2	<1	10
12IJAC103	Rock	<5	<5	54	1.77	<0.002	2	1447	23.64	2	0.01	0.77	0.03	<0.01	<4	<2	<2	<2	<2	<1	12
12IJAC104	Rock	<5	8	34	0.02	<0.002	2	1651	21.66	4	<0.01	0.50	<0.01	<0.01	<4	<2	3	<2	<2	<1	6
12IJAC105	Rock	<5	<5	45	2.51	<0.002	2	1251	23.04	1	<0.01	0.64	0.03	<0.01	<4	<2	<2	<2	<2	<1	11
12IJAC106	Rock	<5	<5	56	2.54	<0.002	3	1211	22.54	<1	0.01	0.81	0.03	<0.01	<4	<2	3	<2	<2	<1	13
12IJAC107	Rock	<5	5	54	1.59	<0.002	2	1189	23.69	<1	0.01	0.82	0.03	<0.01	<4	<2	<2	<2	<2	<1	11
12IJAC110	Rock	<5	<5	5	0.03	<0.002	3	547	25.09	<1	<0.01	0.03	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12IJAC121	Rock	<5	<5	14	0.19	<0.002	2	979	25.65	1	<0.01	0.17	<0.01	<0.01	<4	<2	<2	<2	<2	<1	4
12IJAC124	Rock	<5	<5	40	0.94	<0.002	2	1245	23.74	2	0.01	0.60	0.02	<0.01	<4	<2	4	<2	<2	<1	10
12IJAC127	Rock	<5	<5	44	1.56	<0.002	2	1219	23.47	1	<0.01	0.60	0.02	<0.01	<4	<2	2	<2	<2	<1	11
12IJAC128	Rock	<5	8	39	2.17	<0.002	2	1417	21.57	2	<0.01	0.54	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12IJAC129	Rock	<5	<5	43	2.03	<0.002	3	1284	23.67	1	0.01	0.65	0.03	<0.01	<4	<2	<2	<2	<2	<1	11
12IJAC130	Rock	<5	<5	46	1.08	<0.002	3	1261	23.35	<1	0.01	0.76	0.03	<0.01	<4	<2	4	<2	<2	<1	10
12IJAC132	Rock	<5	<5	50	1.75	<0.002	2	1380	21.32	3	0.01	0.67	0.02	<0.01	<4	<2	4	<2	<2	<1	13
12IJAC133	Rock	<5	6	49	1.79	<0.002	2	1411	23.04	<1	0.01	0.73	0.02	<0.01	<4	<2	2	<2	<2	<1	12
12IJAC134	Rock	<5	<5	43	2.43	<0.002	2	1216	22.67	1	0.01	0.63	0.03	<0.01	<4	<2	4	<2	<2	<1	11
12IJAC135	Rock	<5	<5	3	0.02	<0.002	3	255	27.25	<1	<0.01	0.05	<0.01	<0.01	<4	<2	<2	<2	<2	<1	2
12IJAC136	Rock	<5	7	51	1.51	<0.002	2	1153	21.96	<1	0.01	0.85	0.02	<0.01	<4	<2	3	<2	<2	<1	11
12JWS001	Rock	<5	7	57	2.43	<0.002	2	1441	22.28	1	0.01	0.76	0.03	<0.01	<4	<2	3	<2	<2	<1	13
12JWS002	Rock	<5	<5	50	0.41	<0.002	2	1822	22.31	6	0.01	0.53	<0.01	<0.01	<4	<2	4	<2	<2	<1	12
12JWS003	Rock	<5	10	58	0.72	<0.002	3	1622	21.08	2	0.01	0.76	0.01	<0.01	<4	<2	<2	<2	<2	<1	14
12JWS004	Rock	<5	7	26	0.01	<0.002	2	1493	22.32	3	<0.01	0.33	<0.01	<0.01	<4	<2	2	<2	<2	<1	5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

AcmeLabs

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Client: **First Point Minerals Corporation**
906 - 1112 W. Pender St.
Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

Method		1E
Analyte		S
Unit		%
MDL		0.1
G1	Prep Blank	<0.1
G1	Prep Blank	<0.1
12IJAC092	Rock	<0.1
12IJAC093	Rock	<0.1
12IJAC094	Rock	<0.1
12IJAC095	Rock	<0.1
12IJAC096	Rock	<0.1
12IJAC097	Rock	<0.1
12IJAC100	Rock	<0.1
12IJAC103	Rock	<0.1
12IJAC104	Rock	<0.1
12IJAC105	Rock	<0.1
12IJAC106	Rock	<0.1
12IJAC107	Rock	<0.1
12IJAC110	Rock	<0.1
12IJAC121	Rock	<0.1
12IJAC124	Rock	<0.1
12IJAC127	Rock	<0.1
12IJAC128	Rock	<0.1
12IJAC129	Rock	<0.1
12IJAC130	Rock	<0.1
12IJAC132	Rock	<0.1
12IJAC133	Rock	<0.1
12IJAC134	Rock	<0.1
12IJAC135	Rock	<0.1
12IJAC136	Rock	<0.1
12JWS001	Rock	<0.1
12JWS002	Rock	<0.1
12JWS003	Rock	<0.1
12JWS004	Rock	<0.1

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Client: **First Point Minerals Corporation**
906 - 1112 W. Pender St.
Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

Method		WGHT	8FPX	8FPX	8FPX	8FPX	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
Analyte		Wgt	Ni	Fe	Mg	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	10	100	100	500	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4
12JWS005	Rock	0.59	447	1015	2977	<500	<2	11	<5	54	<0.5	2065	110	887	5.35	<5	<20	<4	<2	<2	<0.4
12JWS011	Rock	0.70	156	603	2024	<500	<2	14	9	51	<0.5	2100	113	819	5.68	<5	<20	<4	<2	<2	<0.4
12JWS018	Rock	0.68	163	191	4830	<500	<2	2	<5	37	<0.5	2512	116	787	4.94	<5	<20	<4	<2	<2	0.5
12JWS023	Rock	0.73	192	1671	6894	<500	<2	17	<5	47	<0.5	2192	108	883	5.25	<5	<20	<4	<2	<2	0.7
12JWS024	Rock	0.67	562	282	1783	<500	<2	3	<5	47	<0.5	2152	105	1045	3.92	<5	<20	<4	<2	<2	<0.4
12JWS029	Rock	0.24	1112	313	5703	<500	3	7	8	27	<0.5	2509	119	907	5.11	<5	<20	<4	<2	<2	0.7
12JWS030	Rock	0.51	1031	246	4046	<500	3	10	<5	33	<0.5	2065	102	877	5.05	<5	<20	<4	<2	<2	0.6
12JWS032	Rock	0.79	469	646	1538	<500	3	14	9	41	<0.5	2187	110	927	5.61	<5	<20	<4	<2	<2	0.8
12JWS033	Rock	0.40	589	1422	4420	<500	<2	9	12	44	<0.5	2094	108	984	5.49	<5	<20	<4	<2	<2	1.0
12JWS041	Rock	0.50	574	679	2310	<500	2	9	<5	45	<0.5	2277	117	1061	5.52	<5	<20	<4	<2	<2	0.8
12JWS042	Rock	0.51	331	782	2684	<500	3	14	<5	42	<0.5	2196	111	1038	5.34	<5	<20	<4	<2	<2	0.9
12JWS043	Rock	0.49	949	320	1580	<500	<2	14	15	35	<0.5	1937	101	1365	4.65	<5	<20	<4	<2	<2	0.9
12JWS044	Rock	0.66	499	510	1564	<500	<2	12	8	45	<0.5	2411	120	1106	5.58	<5	<20	<4	<2	<2	0.9
12JWS045	Rock	0.81	866	<100	4518	<500	<2	<2	<5	14	<0.5	2381	99	590	4.49	<5	<20	<4	<2	<2	<0.4
12JWS048	Rock	0.81	1237	385	2560	<500	<2	8	<5	31	<0.5	2223	101	1373	4.21	<5	<20	<4	<2	<2	0.4
12JWS050	Rock	0.44	791	668	2834	<500	4	6	<5	35	<0.5	2062	108	1261	4.39	<5	<20	<4	<2	<2	0.6
12JWS051	Rock	0.36	648	341	1656	<500	2	17	<5	35	<0.5	2050	105	996	4.68	<5	<20	<4	<2	<2	0.6
12JWS052	Rock	0.46	881	236	1511	<500	3	12	11	33	<0.5	1986	100	1181	4.71	<5	<20	<4	<2	<2	0.5
12JWS053	Rock	0.45	595	472	2012	<500	3	7	8	45	<0.5	2065	112	803	5.52	<5	<20	<4	<2	<2	<0.4
12JWS054	Rock	0.50	943	443	1881	<500	3	5	10	41	<0.5	1943	107	980	5.35	<5	<20	<4	<2	<2	0.6
12JWS055	Rock	0.64	1089	485	2077	<500	3	14	13	42	<0.5	2076	107	1279	4.90	<5	<20	<4	<2	3	0.5
12JWS056	Rock	0.94	820	421	1795	<500	2	15	<5	39	<0.5	2138	107	1169	4.81	<5	<20	<4	<2	<2	0.5
12KAB001	Rock	0.76	443	882	3117	<500	2	12	29	36	<0.5	2103	110	994	4.73	<5	<20	<4	<2	2	<0.4
12KAB002	Rock	1.26	423	260	1526	<500	3	7	<5	27	<0.5	2232	103	1040	4.79	<5	<20	<4	<2	2	0.5
12KAB005	Rock	2.08	187	677	3015	<500	3	<2	<5	33	<0.5	2666	125	942	5.84	<5	<20	<4	<2	2	0.5
12KAB008	Rock	0.41	492	1779	7003	<500	2	14	13	42	<0.5	2104	103	918	5.31	<5	<20	<4	<2	<2	0.7
12KAB009	Rock	0.37	1130	309	5493	<500	<2	17	10	23	<0.5	2919	111	717	3.81	<5	<20	<4	<2	<2	0.6
12KAB010	Rock	0.56	535	411	2287	<500	2	6	12	38	<0.5	2025	102	959	4.81	<5	<20	<4	<2	<2	0.6
12KAB011	Rock	0.71	252	295	1185	<500	3	14	16	44	<0.5	1966	102	891	4.98	<5	<20	<4	<2	<2	0.6
12KAB012	Rock	0.45	438	211	1615	<500	<2	9	<5	35	<0.5	2046	97	1104	4.08	<5	<20	<4	<2	<2	0.5

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Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

Page: 3 of 7 Part: 2 of 1

CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E	1E	1E		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
	Unit	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	5	5	2	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
12JWS005	Rock	<5	<5	49	0.43	<0.002	3	1531	21.78	9	<0.01	0.67	<0.01	<0.01	<4	<2	2	<2	<2	<1	10
12JWS011	Rock	<5	7	48	0.56	<0.002	2	1558	21.37	4	<0.01	0.60	0.01	<0.01	<4	<2	<2	<2	<2	<1	10
12JWS018	Rock	<5	6	4	0.04	<0.002	3	522	25.83	1	<0.01	0.03	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12JWS023	Rock	<5	<5	43	0.67	<0.002	3	1297	24.21	2	<0.01	0.47	0.01	<0.01	<4	<2	<2	<2	<2	<1	10
12JWS024	Rock	<5	<5	45	0.43	<0.002	2	1069	22.12	17	0.01	0.74	<0.01	<0.01	<4	<2	<2	<2	<2	<1	10
12JWS029	Rock	<5	<5	7	0.02	<0.002	<2	1144	24.93	<1	<0.01	0.08	<0.01	<0.01	<4	<2	4	<2	3	<1	3
12JWS030	Rock	<5	<5	30	0.75	<0.002	<2	1358	23.30	<1	<0.01	0.47	0.01	<0.01	<4	<2	6	<2	3	<1	9
12JWS032	Rock	<5	<5	45	1.13	<0.002	2	1172	24.45	2	<0.01	0.78	0.02	<0.01	<4	<2	5	<2	3	<1	11
12JWS033	Rock	<5	<5	47	1.58	<0.002	<2	1119	23.56	<1	0.01	0.85	0.02	<0.01	<4	<2	7	<2	3	<1	11
12JWS041	Rock	<5	<5	43	1.42	<0.002	<2	1160	24.54	1	<0.01	0.63	0.03	<0.01	<4	<2	6	<2	2	<1	11
12JWS042	Rock	<5	<5	38	1.68	<0.002	<2	1193	23.67	1	<0.01	0.51	0.02	<0.01	<4	<2	4	<2	3	<1	10
12JWS043	Rock	<5	<5	44	0.72	<0.002	<2	1389	23.46	4	0.01	0.65	0.01	<0.01	<4	<2	<2	<2	<2	<1	11
12JWS044	Rock	<5	<5	40	2.44	0.003	<2	1656	25.23	5	0.01	0.66	0.03	<0.01	<4	2	<2	<2	<2	<1	12
12JWS045	Rock	<5	15	12	0.03	<0.002	<2	959	24.98	2	<0.01	0.07	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12JWS048	Rock	10	<5	38	0.82	0.003	<2	1223	23.75	2	<0.01	0.72	0.01	<0.01	4	<2	<2	<2	<2	<1	10
12JWS050	Rock	<5	<5	37	1.37	<0.002	<2	1205	22.20	<1	<0.01	0.51	0.02	<0.01	<4	<2	4	<2	3	<1	12
12JWS051	Rock	<5	<5	40	2.38	<0.002	<2	1088	22.51	2	<0.01	0.67	0.02	<0.01	<4	<2	4	<2	2	<1	13
12JWS052	Rock	<5	<5	39	1.36	<0.002	<2	1096	21.44	2	<0.01	0.56	0.01	<0.01	<4	<2	4	<2	3	<1	10
12JWS053	Rock	<5	<5	39	0.18	<0.002	<2	1448	22.31	<1	0.01	0.60	<0.01	<0.01	<4	<2	7	<2	3	<1	10
12JWS054	Rock	<5	<5	37	1.14	<0.002	<2	1337	22.00	2	0.01	0.59	0.02	<0.01	<4	<2	5	<2	3	<1	11
12JWS055	Rock	<5	<5	28	1.66	<0.002	<2	1288	21.62	9	<0.01	0.52	0.02	<0.01	<4	<2	5	<2	3	<1	11
12JWS056	Rock	<5	<5	41	2.26	<0.002	<2	1277	22.75	2	<0.01	0.64	0.03	<0.01	4	<2	3	<2	3	<1	12
12KAB001	Rock	<5	<5	41	0.65	<0.002	<2	1330	22.58	4	<0.01	0.65	<0.01	<0.01	8	<2	6	<2	3	<1	12
12KAB002	Rock	<5	<5	23	0.14	<0.002	<2	1554	22.31	8	<0.01	0.39	<0.01	<0.01	<4	<2	5	<2	3	<1	7
12KAB005	Rock	<5	<5	3	0.06	<0.002	<2	1489	27.84	1	<0.01	0.12	<0.01	<0.01	<4	<2	6	<2	4	<1	3
12KAB008	Rock	7	<5	47	0.66	<0.002	<2	1144	22.92	<1	0.01	0.82	0.02	<0.01	<4	<2	5	<2	3	<1	11
12KAB009	Rock	<5	<5	5	0.03	<0.002	<2	268	26.04	<1	<0.01	0.13	<0.01	<0.01	<4	<2	3	<2	<2	<1	1
12KAB010	Rock	<5	<5	43	1.72	<0.002	<2	1125	22.49	<1	<0.01	0.75	0.02	<0.01	<4	<2	5	<2	3	<1	12
12KAB011	Rock	<5	<5	45	1.64	<0.002	<2	1226	22.59	<1	0.01	0.80	0.03	<0.01	<4	<2	5	<2	3	<1	11
12KAB012	Rock	<5	<5	45	1.80	<0.002	<2	1165	22.42	<1	0.01	0.85	0.03	<0.01	<4	<2	5	<2	2	<1	12

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Project: 780
Report Date: November 16, 2012

Page: 3 of 7 Part: 3 of 1

CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E
	Analyte	S
	Unit	%
	MDL	0.1
12JWS005	Rock	<0.1
12JWS011	Rock	<0.1
12JWS018	Rock	<0.1
12JWS023	Rock	<0.1
12JWS024	Rock	<0.1
12JWS029	Rock	<0.1
12JWS030	Rock	<0.1
12JWS032	Rock	<0.1
12JWS033	Rock	<0.1
12JWS041	Rock	<0.1
12JWS042	Rock	<0.1
12JWS043	Rock	<0.1
12JWS044	Rock	<0.1
12JWS045	Rock	<0.1
12JWS048	Rock	<0.1
12JWS050	Rock	<0.1
12JWS051	Rock	<0.1
12JWS052	Rock	<0.1
12JWS053	Rock	<0.1
12JWS054	Rock	<0.1
12JWS055	Rock	<0.1
12JWS056	Rock	<0.1
12KAB001	Rock	<0.1
12KAB002	Rock	<0.1
12KAB005	Rock	<0.1
12KAB008	Rock	<0.1
12KAB009	Rock	<0.1
12KAB010	Rock	<0.1
12KAB011	Rock	<0.1
12KAB012	Rock	<0.1

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CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	WGHT	8FPX	8FPX	8FPX	8FPX	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Wgt	Ni	Fe	Mg	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	10	100	100	500	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4
12KAB013	Rock	0.52	511	1032	4493	<500	2	6	<5	34	<0.5	2084	101	1085	4.47	<5	<20	<4	<2	<2	<0.4
12KAB014	Rock	0.51	563	468	2229	<500	2	10	15	37	<0.5	2124	104	956	4.64	<5	<20	<4	<2	<2	<0.4
12KAB015	Rock	0.63	909	967	3497	<500	3	10	23	43	<0.5	2072	108	966	4.68	<5	<20	<4	<2	<2	0.4
12KAB016	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12KAB019	Rock	0.43	530	627	2412	<500	3	3	11	33	<0.5	2044	104	789	4.96	<5	<20	<4	<2	<2	0.4
12KAB020	Rock	0.46	676	564	2797	<500	3	16	15	39	<0.5	2046	104	1023	4.62	<5	<20	<4	<2	3	0.5
12KAB021	Rock	1.00	1319	859	2514	<500	3	15	10	45	<0.5	2137	107	992	4.78	<5	<20	<4	<2	2	<0.4
12KAB022	Rock	0.69	1160	398	1778	<500	2	15	5	34	<0.5	2016	105	992	4.44	<5	<20	<4	<2	<2	0.6
12KAB023	Rock	0.83	879	297	1682	<500	3	13	8	43	<0.5	2191	111	1629	5.11	<5	<20	<4	<2	<2	<0.4
12KAB024	Rock	0.46	1108	407	1531	<500	3	13	<5	36	<0.5	2200	109	1276	4.99	<5	<20	<4	<2	<2	<0.4
12KAB026	Rock	0.46	991	718	2729	<500	<2	11	10	38	<0.5	2269	117	1669	5.47	<5	<20	<4	<2	<2	1.1
12KAB027	Rock	0.94	475	295	1595	<500	<2	9	<5	43	<0.5	2296	116	697	6.39	<5	<20	<4	<2	<2	1.1
12KAB029	Rock	1.08	611	794	5269	<500	<2	4	<5	10	<0.5	4179	110	716	3.91	<5	<20	<4	<2	<2	0.5
12KAB038	Rock	0.89	686	577	1920	<500	9	7	8	40	<0.5	2617	119	990	4.99	<5	<20	<4	2	<2	<0.4
12KAB039	Rock	1.03	992	383	1363	<500	7	13	<5	57	<0.5	2347	142	1576	5.20	<5	<20	<4	<2	<2	<0.4
12KAB042	Rock	1.11	453	367	1748	<500	6	14	<5	48	<0.5	2474	122	1284	4.60	<5	<20	<4	<2	<2	0.6
12KAB045	Rock	1.20	1043	615	2297	<500	5	20	<5	50	<0.5	2365	117	1141	5.37	9	<20	<4	<2	<2	<0.4
12KAB046	Rock	0.82	898	400	1869	<500	<2	6	<5	24	<0.5	2437	104	1271	4.22	<5	<20	<4	<2	<2	<0.4
12KAB047	Rock	1.02	1057	665	2104	<500	<2	10	<5	32	<0.5	2153	108	1499	5.11	<5	<20	<4	<2	<2	0.6
12KAB048	Rock	0.76	222	458	1267	<500	<2	<2	<5	47	<0.5	2284	99	868	4.82	<5	<20	<4	<2	<2	0.5
12KAB050	Rock	1.46	875	507	1782	<500	<2	15	<5	34	<0.5	2256	104	1495	4.78	<5	<20	<4	<2	2	0.5
12KAB051	Rock	1.00	672	394	1561	<500	<2	21	<5	25	<0.5	2085	99	1067	4.64	<5	<20	<4	<2	<2	0.4
12KAB052	Rock	1.08	1226	504	2151	<500	<2	8	5	40	<0.5	2431	110	1099	4.64	<5	<20	<4	<2	<2	0.4
12KAB053	Rock	0.81	229	477	1928	<500	<2	7	<5	20	<0.5	2514	115	806	5.93	<5	<20	<4	<2	<2	0.5
12MMP006	Rock	0.78	85	336	1266	<500	<2	<2	<5	44	<0.5	2267	99	734	4.19	<5	<20	<4	<2	<2	0.4
12MMP014	Rock	0.51	321	557	1882	<500	<2	5	<5	35	<0.5	2394	111	933	5.58	<5	<20	<4	<2	<2	0.7
12MMP016	Rock	0.56	365	282	4473	<500	<2	<2	8	24	<0.5	2390	122	980	5.28	<5	<20	<4	<2	<2	0.4
12MMP017	Rock	0.61	231	611	2220	<500	<2	<2	<5	26	<0.5	2446	111	916	5.28	<5	<20	<4	<2	<2	<0.4
12MMP018	Rock	1.00	603	536	2962	<500	<2	4	8	19	<0.5	2334	101	869	4.68	<5	<20	<4	<2	2	<0.4
12MMP020	Rock	0.95	903	236	4383	<500	<2	<2	<5	15	<0.5	2716	110	697	4.52	<5	<20	<4	<2	<2	<0.4

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906 - 1112 W. Pender St.
Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E	1E	1E		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
	Unit	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	5	5	2	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
12KAB013	Rock	<5	<5	44	2.29	<0.002	<2	1168	23.19	<1	0.01	0.79	0.03	<0.01	<4	<2	4	<2	2	<1	12
12KAB014	Rock	<5	<5	37	1.58	<0.002	<2	1188	23.18	<1	<0.01	0.57	0.02	<0.01	<4	<2	4	<2	3	<1	11
12KAB015	Rock	<5	<5	42	1.57	<0.002	<2	1111	24.02	<1	<0.01	0.70	0.02	<0.01	<4	<2	5	<2	2	<1	12
12KAB016	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12KAB019	Rock	<5	<5	48	1.18	<0.002	<2	1275	21.79	<1	0.01	0.84	0.02	<0.01	<4	<2	5	<2	3	<1	12
12KAB020	Rock	<5	<5	34	1.01	<0.002	<2	1162	22.28	1	<0.01	0.57	0.02	<0.01	4	<2	4	<2	3	<1	9
12KAB021	Rock	<5	<5	42	1.38	<0.002	<2	1239	22.72	1	<0.01	0.66	0.01	<0.01	<4	<2	7	<2	3	<1	10
12KAB022	Rock	<5	<5	38	1.83	<0.002	<2	1148	21.90	2	<0.01	0.67	0.02	<0.01	<4	<2	4	<2	2	<1	10
12KAB023	Rock	<5	<5	41	1.35	<0.002	<2	1468	22.58	2	<0.01	0.64	0.02	<0.01	<4	<2	6	<2	<2	<1	10
12KAB024	Rock	<5	<5	34	1.15	<0.002	<2	1324	22.03	3	<0.01	0.56	0.02	<0.01	5	<2	4	<2	3	<1	10
12KAB026	Rock	<5	<5	28	0.24	<0.002	<2	1523	22.98	3	<0.01	0.43	<0.01	<0.01	5	<2	<2	<2	<2	<1	8
12KAB027	Rock	<5	<5	41	0.12	<0.002	<2	1481	22.90	<1	<0.01	0.59	<0.01	<0.01	5	<2	<2	<2	<2	<1	9
12KAB029	Rock	<5	<5	<2	0.02	<0.002	<2	172	28.09	1	<0.01	0.09	<0.01	<0.01	<4	<2	<2	<2	<2	<1	2
12KAB038	Rock	14	7	15	0.25	<0.002	2	1489	27.61	<1	<0.01	0.10	<0.01	<0.01	<4	<2	7	<2	2	<1	5
12KAB039	Rock	17	<5	49	1.12	<0.002	2	1436	24.07	6	0.01	0.78	0.01	<0.01	<4	<2	5	<2	3	<1	15
12KAB042	Rock	11	<5	38	0.70	<0.002	3	1254	25.54	1	0.01	0.63	0.02	<0.01	<4	<2	8	<2	3	<1	10
12KAB045	Rock	7	<5	35	0.84	<0.002	2	1072	25.54	<1	<0.01	0.59	0.01	<0.01	<4	<2	7	<2	<2	<1	7
12KAB046	Rock	<5	<5	43	1.76	<0.002	<2	1111	22.42	<1	<0.01	0.61	0.02	<0.01	<4	<2	2	<2	<2	<1	11
12KAB047	Rock	<5	<5	47	1.00	<0.002	<2	1289	23.82	<1	0.01	0.80	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12KAB048	Rock	<5	<5	37	0.12	<0.002	<2	1072	23.74	2	<0.01	0.57	<0.01	<0.01	<4	<2	5	<2	<2	<1	8
12KAB050	Rock	<5	<5	50	3.28	<0.002	<2	1406	22.56	5	0.01	0.84	0.05	<0.01	<4	<2	<2	<2	<2	<1	14
12KAB051	Rock	<5	<5	54	1.95	<0.002	<2	1335	21.98	<1	0.01	0.91	0.02	<0.01	<4	<2	4	<2	<2	<1	14
12KAB052	Rock	<5	<5	32	0.95	<0.002	<2	1261	24.47	<1	0.01	0.57	0.02	<0.01	<4	<2	3	<2	<2	<1	8
12KAB053	Rock	<5	<5	33	0.02	<0.002	<2	1540	23.00	6	<0.01	0.55	<0.01	<0.01	6	<2	<2	<2	<2	<1	6
12MMP006	Rock	<5	<5	32	0.13	<0.002	<2	1207	23.61	3	<0.01	0.48	<0.01	<0.01	<4	<2	<2	<2	<2	<1	9
12MMP014	Rock	<5	<5	42	0.81	<0.002	<2	1270	25.48	<1	<0.01	0.53	0.03	<0.01	<4	<2	3	<2	<2	<1	10
12MMP016	Rock	<5	<5	5	0.02	<0.002	<2	996	24.29	<1	<0.01	0.05	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12MMP017	Rock	<5	<5	19	0.05	<0.002	<2	1082	25.74	<1	<0.01	0.18	<0.01	<0.01	<4	<2	<2	<2	<2	<1	7
12MMP018	Rock	<5	<5	19	0.71	<0.002	<2	1086	23.58	2	<0.01	0.27	<0.01	<0.01	<4	<2	3	<2	<2	<1	8
12MMP020	Rock	<5	<5	3	0.05	<0.002	<2	989	25.59	3	<0.01	0.09	<0.01	<0.01	<4	<2	<2	<2	<2	<1	2

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Vancouver BC V6E 2S1 Canada

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CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E
	Analyte	S
	Unit	%
	MDL	0.1
12KAB013	Rock	<0.1
12KAB014	Rock	<0.1
12KAB015	Rock	<0.1
12KAB016	Rock	L.N.R.
12KAB019	Rock	<0.1
12KAB020	Rock	<0.1
12KAB021	Rock	<0.1
12KAB022	Rock	<0.1
12KAB023	Rock	<0.1
12KAB024	Rock	<0.1
12KAB026	Rock	<0.1
12KAB027	Rock	<0.1
12KAB029	Rock	<0.1
12KAB038	Rock	<0.1
12KAB039	Rock	<0.1
12KAB042	Rock	<0.1
12KAB045	Rock	<0.1
12KAB046	Rock	<0.1
12KAB047	Rock	<0.1
12KAB048	Rock	<0.1
12KAB050	Rock	<0.1
12KAB051	Rock	<0.1
12KAB052	Rock	<0.1
12KAB053	Rock	<0.1
12MMP006	Rock	<0.1
12MMP014	Rock	<0.1
12MMP016	Rock	<0.1
12MMP017	Rock	<0.1
12MMP018	Rock	<0.1
12MMP020	Rock	<0.1

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CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	WGHT	8FPX	8FPX	8FPX	8FPX	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Wgt	Ni	Fe	Mg	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	10	100	100	500	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4
12MMP027	Rock	0.79	459	981	4117	<500	<2	<2	5	29	<0.5	2374	109	886	5.07	<5	<20	<4	<2	<2	<0.4
12MMP028	Rock	0.58	949	343	1273	<500	<2	15	<5	37	<0.5	2211	102	1137	4.44	<5	<20	<4	<2	<2	<0.4
12MMP030	Rock	0.87	76	706	2666	<500	<2	6	8	30	<0.5	2324	118	1186	5.08	<5	<20	<4	<2	<2	<0.4
12MMP031	Rock	0.86	601	809	1881	<500	<2	15	6	39	<0.5	2034	108	805	6.55	<5	<20	<4	<2	<2	0.7
12MMP033	Rock	0.83	1120	633	3718	<500	<2	<2	<5	30	<0.5	2670	116	940	5.06	<5	<20	<4	<2	<2	0.5
12MMP035	Rock	1.09	1140	1042	3505	<500	<2	9	7	33	<0.5	2179	103	1113	4.76	<5	<20	<4	<2	<2	0.6
12MMP036	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12MMP037	Rock	0.86	1140	781	2859	<500	<2	14	<5	47	<0.5	2352	114	1189	4.67	<5	<20	<4	<2	<2	<0.4
12MMP038	Rock	0.60	902	678	2085	<500	<2	16	<5	35	<0.5	2346	112	893	5.06	<5	<20	<4	<2	<2	0.4
12MMP039	Rock	0.81	813	459	1475	<500	<2	7	<5	41	<0.5	2288	103	920	4.60	<5	<20	<4	<2	<2	0.5
12MMP040	Rock	0.87	390	717	1054	<500	<2	8	5	40	<0.5	2203	113	1010	5.29	<5	<20	<4	<2	<2	0.8
12MMP041	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12MMP042	Rock	0.74	305	883	3005	<500	<2	4	<5	35	<0.5	2292	105	989	5.05	<5	<20	<4	<2	<2	0.5
12MMP043	Rock	0.81	565	287	1546	<500	<2	<2	<5	27	<0.5	2424	103	931	3.94	<5	<20	<4	<2	<2	<0.4
12MMP044	Rock	1.01	711	271	1642	<500	<2	<2	6	34	<0.5	2291	109	1184	4.51	<5	<20	<4	<2	<2	0.5
12MMP048	Rock	0.68	814	968	3103	<500	<2	7	6	39	<0.5	2337	115	1021	4.22	<5	<20	<4	<2	<2	0.6
12MMP050	Rock	0.70	658	455	1885	<500	<2	8	6	39	<0.5	2104	99	1126	4.47	<5	<20	<4	<2	<2	<0.4
12MMP052	Rock	0.93	582	347	1173	<500	<2	9	11	35	<0.5	2225	108	966	5.27	<5	<20	<4	<2	<2	<0.4
12MMP053	Rock	0.60	766	362	1302	<500	<2	15	<5	32	<0.5	2109	103	1085	4.85	<5	<20	<4	<2	<2	<0.4
12MMP054	Rock	0.57	551	269	1432	<500	<2	18	<5	33	<0.5	2135	109	1456	4.77	<5	<20	<4	<2	<2	<0.4
12MMP055	Rock	0.86	665	720	2777	<500	<2	17	<5	39	<0.5	2047	107	922	4.76	<5	<20	<4	<2	<2	<0.4
12MMP056	Rock	0.64	869	454	1815	<500	<2	10	<5	32	<0.5	2059	104	1005	4.34	<5	<20	<4	<2	<2	<0.4
12MMP058	Rock	0.81	856	383	1243	<500	<2	15	<5	33	<0.5	2146	104	1131	4.62	<5	<20	<4	<2	<2	<0.4
12MMP059	Rock	0.65	146	548	1509	<500	<2	6	6	38	<0.5	2231	119	663	6.56	<5	<20	<4	<2	<2	<0.4
12SEAR002	Rock	0.88	593	320	1580	<500	<2	46	<5	29	<0.5	2102	100	705	5.53	<5	<20	<4	<2	<2	<0.4
12SEAR003	Rock	1.85	397	721	1932	<500	<2	11	<5	35	<0.5	2063	102	934	5.31	<5	<20	<4	<2	<2	<0.4
12KAB066	Rock	0.76	834	442	1538	<500	<2	7	<5	32	<0.5	1998	95	1196	4.82	<5	<20	<4	<2	<2	<0.4
12KAB067	Rock	0.76	395	419	1632	<500	<2	15	<5	37	<0.5	2098	101	1074	4.07	<5	<20	<4	<2	<2	<0.4
12KAB068	Rock	0.73	874	456	2251	<500	<2	8	<5	33	<0.5	2168	111	1765	3.98	<5	<20	<4	<2	<2	<0.4
12KAB071	Rock	0.75	383	410	1480	<500	<2	11	<5	38	<0.5	2101	103	906	5.35	<5	<20	<4	<2	<2	<0.4

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CERTIFICATE OF ANALYSIS VAN12004738.1

Method		1E	1E	1E		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
Analyte		Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
Unit		ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		5	5	2	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
12MMP027	Rock	<5	<5	26	0.15	<0.002	<2	1259	25.13	<1	<0.01	0.25	<0.01	<0.01	<4	<2	2	<2	<2	<1	8
12MMP028	Rock	<5	<5	47	1.77	<0.002	<2	1269	22.77	2	0.01	0.89	0.02	<0.01	<4	<2	4	<2	<2	<1	13
12MMP030	Rock	<5	<5	26	0.08	<0.002	<2	1581	22.44	13	<0.01	0.44	<0.01	<0.01	4	<2	3	<2	<2	<1	7
12MMP031	Rock	<5	<5	59	1.17	<0.002	<2	1448	21.59	<1	0.01	0.80	0.01	<0.01	<4	<2	2	<2	<2	<1	12
12MMP033	Rock	<5	<5	6	0.02	<0.002	<2	1312	25.70	<1	<0.01	0.08	<0.01	<0.01	<4	<2	3	<2	<2	<1	3
12MMP035	Rock	<5	<5	45	1.76	<0.002	<2	1349	23.08	<1	<0.01	0.81	0.02	<0.01	<4	<2	5	<2	<2	<1	12
12MMP036	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12MMP037	Rock	<5	<5	36	2.04	<0.002	<2	1338	24.94	<1	<0.01	0.59	0.03	<0.01	<4	<2	4	<2	<2	<1	10
12MMP038	Rock	<5	<5	43	2.09	<0.002	<2	1291	23.75	<1	<0.01	0.75	0.02	<0.01	<4	<2	2	<2	<2	<1	11
12MMP039	Rock	<5	<5	43	1.74	<0.002	<2	1255	24.53	<1	0.01	0.82	0.03	<0.01	<4	<2	2	<2	<2	<1	11
12MMP040	Rock	<5	<5	52	1.64	<0.002	<2	1171	23.90	3	0.01	0.82	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12MMP041	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12MMP042	Rock	<5	<5	48	2.16	<0.002	<2	1314	24.51	4	0.01	0.99	0.04	0.01	<4	<2	3	<2	<2	<1	11
12MMP043	Rock	<5	<5	36	1.00	<0.002	<2	1086	24.42	6	0.01	0.72	0.02	<0.01	<4	<2	4	<2	<2	<1	9
12MMP044	Rock	<5	<5	39	1.49	<0.002	<2	1174	24.13	<1	0.01	0.76	0.03	<0.01	<4	<2	3	<2	<2	<1	9
12MMP048	Rock	<5	<5	48	1.91	<0.002	<2	1364	23.72	2	0.01	0.88	0.03	<0.01	<4	<2	2	<2	<2	<1	12
12MMP050	Rock	<5	6	47	2.02	<0.002	<2	1245	22.56	<1	<0.01	0.81	0.03	<0.01	<4	<2	<2	<2	<2	<1	12
12MMP052	Rock	<5	<5	43	1.56	<0.002	<2	1245	24.14	<1	<0.01	0.62	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12MMP053	Rock	<5	<5	45	1.61	<0.002	<2	1154	21.79	2	0.01	0.79	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12MMP054	Rock	<5	7	36	1.71	<0.002	<2	1370	22.39	4	<0.01	0.56	0.03	<0.01	<4	<2	<2	<2	<2	<1	11
12MMP055	Rock	<5	6	40	2.61	<0.002	<2	1446	22.23	<1	0.01	0.56	0.03	<0.01	<4	<2	<2	<2	<2	<1	12
12MMP056	Rock	<5	<5	39	2.28	<0.002	<2	1201	21.63	<1	0.01	0.63	0.03	<0.01	4	<2	<2	<2	<2	<1	12
12MMP058	Rock	<5	<5	47	1.31	<0.002	<2	1377	21.92	2	0.01	0.83	0.02	<0.01	<4	<2	<2	<2	<2	<1	12
12MMP059	Rock	<5	<5	39	0.29	<0.002	<2	1756	21.57	3	<0.01	0.55	0.01	<0.01	4	<2	<2	<2	<2	<1	10
12SEAR002	Rock	<5	<5	50	0.88	<0.002	<2	1366	21.55	<1	0.01	0.87	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12SEAR003	Rock	<5	<5	48	1.37	<0.002	<2	1204	22.89	<1	0.01	0.92	0.01	<0.01	<4	<2	<2	<2	<2	<1	11
12KAB066	Rock	<5	<5	38	1.05	<0.002	<2	1445	21.29	2	0.01	0.67	0.02	<0.01	<4	<2	2	<2	<2	<1	9
12KAB067	Rock	<5	<5	43	0.98	<0.002	<2	1219	20.87	5	<0.01	0.69	0.01	<0.01	<4	<2	<2	<2	<2	<1	11
12KAB068	Rock	<5	<5	23	0.64	<0.002	<2	1328	22.39	<1	<0.01	0.31	<0.01	<0.01	<4	<2	<2	<2	<2	<1	8
12KAB071	Rock	<5	<5	47	1.09	<0.002	<2	1327	22.58	<1	<0.01	0.74	0.02	<0.01	<4	<2	<2	<2	<2	<1	11

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Vancouver BC V6E 2S1 Canada

Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

Method		1E
Analyte		S
Unit		%
MDL		0.1
12MMP027	Rock	<0.1
12MMP028	Rock	<0.1
12MMP030	Rock	<0.1
12MMP031	Rock	<0.1
12MMP033	Rock	<0.1
12MMP035	Rock	<0.1
12MMP036	Rock	L.N.R.
12MMP037	Rock	<0.1
12MMP038	Rock	<0.1
12MMP039	Rock	<0.1
12MMP040	Rock	<0.1
12MMP041	Rock	L.N.R.
12MMP042	Rock	<0.1
12MMP043	Rock	<0.1
12MMP044	Rock	<0.1
12MMP048	Rock	<0.1
12MMP050	Rock	<0.1
12MMP052	Rock	<0.1
12MMP053	Rock	<0.1
12MMP054	Rock	<0.1
12MMP055	Rock	<0.1
12MMP056	Rock	<0.1
12MMP058	Rock	<0.1
12MMP059	Rock	<0.1
12SEAR002	Rock	<0.1
12SEAR003	Rock	<0.1
12KAB066	Rock	<0.1
12KAB067	Rock	<0.1
12KAB068	Rock	<0.1
12KAB071	Rock	<0.1

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CERTIFICATE OF ANALYSIS VAN12004738.1

Method		WGHT	8FPX	8FPX	8FPX	8FPX	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
Analyte		Wgt	Ni	Fe	Mg	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	10	100	100	500	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4
12KAB072	Rock	0.82	297	725	2634	<500	<2	3	<5	22	<0.5	2453	113	890	5.43	<5	<20	<4	<2	<2	<0.4
12MMP111	Rock	0.63	901	501	1363	<500	<2	6	<5	25	<0.5	1958	115	907	6.65	<5	<20	<4	<2	<2	<0.4
12MMP112	Rock	0.64	937	485	1526	<500	<2	12	6	45	<0.5	2024	104	1085	4.77	<5	<20	<4	<2	<2	<0.4
12MMP113	Rock	0.67	961	438	1791	<500	<2	7	<5	20	<0.5	2359	101	913	4.50	<5	<20	<4	<2	<2	<0.4
12MMP115	Rock	0.73	746	658	3145	<500	<2	7	<5	25	<0.5	2218	103	925	4.78	<5	<20	<4	<2	<2	<0.4
12MMP118	Rock	0.69	170	1044	2594	<500	<2	10	<5	25	<0.5	2071	104	845	6.16	<5	<20	<4	<2	<2	<0.4
12MMP119	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12MMP119FL	Rock	0.43	1102	853	2603	<500	<2	12	<5	35	<0.5	2108	102	1083	4.27	<5	<20	<4	<2	<2	<0.4
12MMP120FL	Rock	0.75	151	742	2382	<500	<2	15	<5	33	<0.5	2054	106	886	5.78	<5	<20	<4	<2	<2	<0.4
12MMP122	Rock	0.45	401	488	1954	<500	<2	11	<5	41	<0.5	2354	110	1238	5.27	<5	<20	<4	<2	<2	<0.4
12IJAC111	Rock	0.77	76	120	1346	<500	<2	<2	<5	16	<0.5	2188	100	857	4.68	<5	<20	<4	<2	<2	<0.4
12IJAC113	Rock	0.70	201	313	2655	<500	<2	6	<5	20	<0.5	2472	112	874	5.29	<5	<20	<4	<2	<2	<0.4
12IJAC117	Rock	1.25	14	295	1002	<500	<2	4	<5	16	<0.5	2281	95	686	4.16	<5	<20	<4	<2	<2	<0.4
12IJAC118	Rock	1.18	24	164	892	<500	<2	<2	<5	11	<0.5	2295	98	813	4.44	<5	<20	<4	<2	<2	<0.4
12IJAC126	Rock	1.28	204	700	2271	<500	<2	19	<5	32	<0.5	2085	104	977	5.32	<5	<20	<4	<2	<2	<0.4
12IJAC131	Rock	0.78	465	448	1866	<500	<2	5	<5	34	<0.5	2069	106	789	5.37	<5	<20	<4	<2	<2	<0.4
12JWS015	Rock	0.64	25	176	1069	<500	<2	4	<5	21	<0.5	2138	99	864	4.77	<5	<20	<4	<2	<2	<0.4
12JWS016	Rock	0.73	114	268	1344	<500	<2	<2	<5	19	<0.5	2414	102	623	4.23	<5	<20	<4	<2	<2	<0.4
12JWS017	Rock	0.85	49	510	1844	<500	<2	6	<5	20	<0.5	2330	104	853	5.01	<5	<20	<4	<2	<2	<0.4
12JWS020	Rock	0.52	60	280	1385	<500	<2	7	<5	29	<0.5	2248	105	905	5.25	<5	<20	<4	<2	<2	<0.4
12JWS022	Rock	0.56	28	171	1495	<500	<2	<2	<5	28	<0.5	2766	132	936	5.48	<5	<20	<4	<2	<2	<0.4
12JWS031	Rock	0.61	755	264	4366	<500	<2	<2	<5	21	<0.5	2850	116	821	4.40	<5	<20	<4	<2	<2	0.4
12JWS034	Rock	0.45	158	579	1558	<500	<2	7	<5	42	<0.5	2297	114	1015	5.87	<5	<20	<4	<2	<2	<0.4
12JWS035	Rock	0.45	157	846	1660	<500	<2	17	<5	36	<0.5	2162	111	973	5.58	<5	<20	<4	<2	<2	<0.4
12JWS037	Rock	0.30	377	376	1553	<500	<2	11	<5	33	<0.5	2295	112	929	5.12	<5	<20	<4	<2	<2	<0.4
12JWS040	Rock	0.68	632	367	1349	<500	<2	7	<5	34	<0.5	2098	109	984	5.15	<5	<20	<4	<2	<2	<0.4
12KAB030	Rock	1.70	140	750	2799	<500	<2	<2	<5	25	<0.5	3240	134	875	5.58	<5	<20	<4	<2	<2	<0.4
12KAB031	Rock	1.14	465	466	2088	<500	<2	8	<5	33	<0.5	2195	110	951	5.04	<5	<20	<4	<2	<2	<0.4
12KAB035	Rock	0.70	263	507	1933	<500	<2	<2	<5	27	<0.5	2434	115	998	4.81	<5	<20	<4	<2	<2	<0.4
12KAB036	Rock	0.87	307	128	1553	<500	<2	6	<5	17	<0.5	3409	129	923	4.29	<5	<20	<4	<2	<2	<0.4

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906 - 1112 W. Pender St.
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Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

Method		1E	1E	1E		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
Analyte		Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
Unit		ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		5	5	2	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
12KAB072	Rock	<5	<5	10	0.04	<0.002	<2	1634	23.15	<1	<0.01	0.24	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12MMP111	Rock	<5	<5	56	0.84	<0.002	<2	1497	21.12	6	0.01	0.77	0.01	<0.01	<4	<2	<2	<2	<2	<1	13
12MMP112	Rock	<5	<5	49	1.35	<0.002	<2	1470	20.86	5	0.01	0.78	0.02	<0.01	<4	<2	<2	<2	<2	<1	12
12MMP113	Rock	<5	<5	18	0.40	<0.002	<2	1267	24.52	<1	<0.01	0.15	<0.01	<0.01	<4	<2	<2	<2	<2	<1	7
12MMP115	Rock	<5	<5	27	1.31	<0.002	<2	1176	23.19	<1	<0.01	0.35	0.02	<0.01	<4	<2	<2	<2	<2	<1	8
12MMP118	Rock	<5	<5	46	0.56	0.002	<2	1580	20.61	6	<0.01	0.70	0.01	<0.01	<4	<2	<2	<2	<2	<1	10
12MMP119	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
12MMP119FL	Rock	<5	<5	46	1.26	<0.002	<2	1227	21.88	<1	0.01	0.84	0.02	<0.01	<4	<2	<2	<2	<2	<1	12
12MMP120FL	Rock	<5	<5	36	0.42	0.003	<2	1433	20.67	5	<0.01	0.54	0.01	<0.01	<4	<2	<2	<2	<2	<1	9
12MMP122	Rock	<5	<5	26	0.28	0.003	<2	1866	22.27	2	<0.01	0.38	0.01	<0.01	<4	<2	<2	<2	<2	<1	7
12IJAC111	Rock	<5	<5	28	1.04	<0.002	<2	987	23.29	<1	<0.01	0.27	<0.01	<0.01	<4	<2	<2	<2	<2	<1	9
12IJAC113	Rock	<5	<5	15	0.29	<0.002	<2	614	25.98	<1	<0.01	0.10	<0.01	<0.01	<4	<2	<2	<2	<2	<1	7
12IJAC117	Rock	<5	<5	18	<0.01	<0.002	<2	1332	23.04	4	<0.01	0.22	<0.01	<0.01	<4	<2	<2	<2	<2	<1	5
12IJAC118	Rock	<5	<5	15	0.15	<0.002	<2	780	22.76	2	<0.01	0.15	<0.01	<0.01	<4	<2	<2	<2	<2	<1	6
12IJAC126	Rock	<5	<5	54	1.48	<0.002	<2	1345	22.50	4	0.01	1.02	0.06	0.05	<4	<2	<2	<2	<2	<1	11
12IJAC131	Rock	<5	<5	45	0.83	<0.002	<2	1458	21.17	<1	0.01	0.76	0.02	<0.01	<4	<2	<2	<2	<2	<1	10
12JWS015	Rock	<5	<5	30	0.94	<0.002	<2	1221	22.68	<1	<0.01	0.35	<0.01	<0.01	<4	<2	<2	<2	<2	<1	8
12JWS016	Rock	<5	<5	17	0.15	<0.002	<2	1533	23.53	<1	<0.01	0.30	<0.01	<0.01	<4	<2	<2	<2	<2	<1	6
12JWS017	Rock	<5	<5	25	0.50	0.003	<2	853	24.11	<1	<0.01	0.27	0.01	<0.01	<4	<2	<2	<2	<2	<1	8
12JWS020	Rock	<5	<5	33	0.78	0.002	<2	1318	22.66	3	<0.01	0.37	0.02	<0.01	<4	<2	<2	<2	<2	<1	9
12JWS022	Rock	<5	<5	7	0.06	<0.002	2	1210	26.19	<1	<0.01	0.05	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12JWS031	Rock	<5	<5	6	0.01	<0.002	<2	836	26.49	<1	<0.01	0.08	<0.01	<0.01	<4	<2	<2	<2	<2	<1	2
12JWS034	Rock	<5	<5	54	1.41	<0.002	<2	1310	24.73	5	0.01	0.98	0.05	0.06	<4	<2	<2	<2	<2	<1	12
12JWS035	Rock	<5	<5	56	1.81	<0.002	<2	1188	23.23	3	0.01	1.08	0.05	0.03	<4	<2	<2	<2	<2	<1	11
12JWS037	Rock	<5	<5	36	1.07	<0.002	2	1089	24.08	<1	0.01	0.74	0.02	<0.01	<4	<2	<2	<2	<2	<1	8
12JWS040	Rock	<5	<5	48	1.24	<0.002	<2	1238	22.62	1	0.01	0.85	0.02	<0.01	<4	<2	<2	<2	<2	<1	10
12KAB030	Rock	<5	<5	<2	0.08	<0.002	3	903	29.00	<1	<0.01	0.03	<0.01	<0.01	<4	<2	<2	<2	<2	<1	1
12KAB031	Rock	<5	<5	39	1.23	<0.002	2	1077	24.04	2	0.01	0.79	0.04	<0.01	<4	<2	<2	<2	<2	<1	9
12KAB035	Rock	<5	<5	16	1.06	<0.002	2	1480	25.81	1	<0.01	0.11	0.01	<0.01	<4	<2	<2	<2	<2	<1	5
12KAB036	Rock	<5	<5	6	0.04	<0.002	2	465	23.83	5	<0.01	0.20	0.01	<0.01	<4	<2	<2	<2	<2	<1	1

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Project: 780
Report Date: November 16, 2012

CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E
	Analyte	S
	Unit	%
	MDL	0.1
12KAB072	Rock	<0.1
12MMP111	Rock	<0.1
12MMP112	Rock	<0.1
12MMP113	Rock	<0.1
12MMP115	Rock	<0.1
12MMP118	Rock	<0.1
12MMP119	Rock	L.N.R.
12MMP119FL	Rock	<0.1
12MMP120FL	Rock	<0.1
12MMP122	Rock	<0.1
12IJAC111	Rock	<0.1
12IJAC113	Rock	<0.1
12IJAC117	Rock	<0.1
12IJAC118	Rock	<0.1
12IJAC126	Rock	<0.1
12IJAC131	Rock	<0.1
12JWS015	Rock	<0.1
12JWS016	Rock	<0.1
12JWS017	Rock	<0.1
12JWS020	Rock	<0.1
12JWS022	Rock	<0.1
12JWS031	Rock	<0.1
12JWS034	Rock	<0.1
12JWS035	Rock	<0.1
12JWS037	Rock	<0.1
12JWS040	Rock	<0.1
12KAB030	Rock	<0.1
12KAB031	Rock	<0.1
12KAB035	Rock	<0.1
12KAB036	Rock	<0.1

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	Method	1E	1E	1E		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
	Unit	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	5	5	2	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
12KAB037	Rock	<5	<5	10	0.07	<0.002	2	1160	25.94	2	<0.01	0.11	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12MMP029	Rock	<5	<5	51	0.93	0.002	<2	1683	20.68	6	0.01	0.79	0.02	<0.01	<4	<2	<2	<2	<2	<1	11
12MMP032	Rock	<5	<5	38	0.01	<0.002	<2	1342	21.83	5	<0.01	0.67	<0.01	<0.01	<4	<2	<2	<2	<2	<1	7
12MMP045	Rock	<5	<5	<2	0.08	<0.002	3	807	28.88	3	<0.01	0.03	<0.01	<0.01	<4	<2	<2	<2	<2	<1	1
12MMP047	Rock	<5	<5	3	0.05	<0.002	2	799	26.07	5	<0.01	0.07	<0.01	<0.01	<4	<2	<2	<2	<2	<1	3
12MMP117	Rock	<5	<5	20	0.02	0.002	2	1148	23.51	7	<0.01	0.31	<0.01	<0.01	<4	<2	<2	<2	<2	<1	6

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CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	WGHT	8FPX	8FPX	8FPX	8FPX	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
	Analyte	Wgt	Ni	Fe	Mg	S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	10	100	100	500	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4
12KAB037	Rock	0.60	834	372	1547	<500	<2	14	<5	25	<0.5	2689	108	782	4.48	<5	<20	<4	<2	<2	<0.4
12MMP029	Rock	0.78	515	242	1025	<500	<2	18	<5	37	<0.5	2175	112	855	7.54	<5	<20	<4	<2	<2	<0.4
12MMP032	Rock	0.86	14	216	1398	<500	<2	6	<5	24	<0.5	2156	103	738	6.05	<5	<20	<4	<2	<2	<0.4
12MMP045	Rock	0.57	64	1492	2037	<500	<2	2	<5	24	<0.5	3035	132	858	5.45	<5	<20	<4	<2	<2	<0.4
12MMP047	Rock	0.69	460	222	1283	<500	<2	6	<5	20	<0.5	2672	107	1100	4.37	<5	<20	<4	<2	<2	<0.4
12MMP117	Rock	0.53	172	338	1428	<500	<2	3	<5	28	<0.5	2299	109	919	4.47	11	<20	<4	<2	<2	<0.4

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Project: 780
Report Date: November 16, 2012

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CERTIFICATE OF ANALYSIS VAN12004738.1

	Method	1E
	Analyte	S
	Unit	%
	MDL	0.1
12KAB037	Rock	<0.1
12MMP029	Rock	<0.1
12MMP032	Rock	<0.1
12MMP045	Rock	<0.1
12MMP047	Rock	<0.1
12MMP117	Rock	<0.1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.