

GM 61449

PHASE 1 SURFACE EXPLORATION, LAC MANITOU PROPERTY

Documents complémentaires

Additional Files



Licence



Licence

Cette première page a été ajoutée
au document et ne fait pas partie du
rapport tel que soumis par les auteurs.

Énergie et Ressources
naturelles

Québec 

Summary: Phase 1 Surface Exploration

Lac Manitou Property

Cote-Nord Region, Quebec

Prepared for:

*Pacific North West Capital Corp.
2303 West 41st Avenue
Vancouver, BC, V6M 2A3*

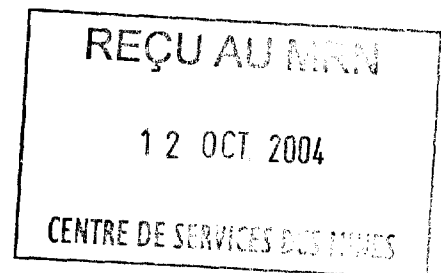
Prepared by:

David Lyon, P.Geol
826 Charlotte Street
Sudbury, Ontario, Canada P3E 4C4

September, 2004

MRNF-GÉOINFORMATION 2005

GM 61449



05286 084

TABLE OF CONTENTS

	<u>Page</u>
Table of Contents	1
Summary	2
1.0 Introduction	3
2.0 Location and Access	3
3.0 Climate and Physiography	3
4.0 Claim Status	5
5.0 Previous Work	5
6.0 Phase 1 Surface Exploration	7
6.1 Regional Geology	8
6.2 Property Geology	10
6.2.1 Mineralization	14
6.3 Sampling	14
6.4 Mapping	15
6.5 Results	15
7.0 Conclusions & Recommendations	16
References	18

List of Tables

1. Highlights from Phase 1 Surface Program Lac Manitou, 2004.	15
---	----

List of Figures

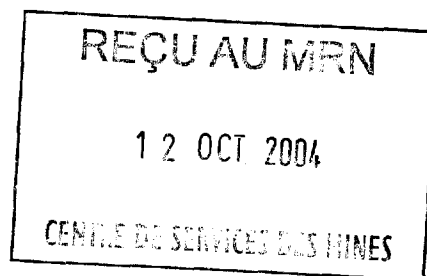
1. Property Location	4
2. Claim Disposition	6
3. Simplified Geology	10
4. Stratigraphic Section	12

Appendices

Claim Listing	1
Sample Descriptions	2
Sample Assays and Assay Certificates	3
Detailed Mapping – Fuji Trench 1 & 2	4

Maps (Back Pockets)

1. Sample Locations
- 2A. Assay Values Ni ppm
- 2B. Assay Values Cu ppm
3. Geology



SUMMARY

The Lac Manitou Property is underlain by the northwest lobe of the Havre-Saint-Pierre Anorthosite Complex, which is interpreted as part of an allochthonous polycyclic belt of the Manitou-Nipisso region. The property option and holdings of Pacific North West Capital Corp. cover an area of approximately 6846 hectares along the prospective border zone of the intrusion.

Previous work in the area has been fairly extensive and was fueled by the 1996 discovery of the Lac Volant Ni-Cu-Co showing approximately 40 kilometers to the southeast of the property, in the Matamec Igneous Complex. Since then, there have been numerous significant Cu-Ni +/- PGE showings found on the property which are attributed to both the Quebec government and private sector exploration work.

A Phase 1 surface exploration program was completed by Pacific North West Capital Corp, between July 12th and August 13th, 2004, on the Lac Manitou property, which is located approximately 120 kilometers north-northeast of the town of Sept-Iles, Quebec. A total of 244 samples were collected and submitted to SGS Mineral Services (Mississauga, Ontario) for Pt, Pd, Au fire assay and multi-element analyses.

The border zone of the northwest lobe ranges from massive megacrystic anorthosite to layered gabbro-norite-leucogabbro-norite and anorthosite at the margin of the intrusion. Mineralization within this sequence is restricted primarily to a pyroxenite unit, which occurs uniquely within the border zone. This unit is an irregularly shaped (pods), non-continuous possible mafic differentiate, which crosscuts various levels of the border zone stratigraphy with a predominance to occur at lithological contacts or other areas of structural weakness. Mineralization is generally restricted to this pyroxenite unit with local remobilization into the surrounding rock types. Sulphides vary from disseminated to semi-massive interstitial or net-textured, occurring predominantly as pyrrhotite-chalcopyrite-pyrite.

Samples collected from the border zone of the intrusive complex generally have Ni values less than 0.5% with Cu values attaining up to 4.8%. PGE (platinum group element) analyses were generally anomalous, with some higher values up to 602ppb Pt, 132 ppb Pd, 26ppb Au. Of the 244 samples collected 21 assayed ≥ 100 ppb 3E (Pt+Pd+Au) and of these 7 assayed ≥ 250 ppb 3E; 3 samples assayed >500 ppb 3E. Base metal values were also reported on the property with 50 samples of the 244 collected assaying $>0.25\%$ Cu+Ni and 8 of these samples assaying $>1.0\%$ combined Cu+Ni, the highest being **4.84% Cu and 0.10% Ni**.

The Phase 1 surface program on the Lac Manitou property was successful in further characterizing the border zone, of the northwest lobe of the Havre-Saint-Pierre intrusion, and identifying the prospective units within this marginal series. **However, it is the opinion of the author that due to location, topography, infrastructure, native land claim issues and generally low grade mineralization, this property represents a low priority exploration target at this time.**

1.0 INTRODUCTION

This report presents a summary of a Phase 1 surface exploration program, completed between July 12th and August 13th 2004, on Pacific North West Capital Corp.'s Lac Manitou property option, located approximately 120 kilometers north-northeast of the town of Sept-Iles, Quebec. The program consisted of a five person crew that completed helicopter supported sampling and mapping across the claim group. A total of 244 samples were collected and submitted to SGS Mineral Services, Mississauga, Ontario for Pt, Pd, Au fire assay and multi-element analyses.

2.0 LOCATION AND ACCESS

The Lac Manitou property is located in the Cote-Nord region of northeastern Quebec, approximately 120 kilometers northeast of the town of Sept-Iles, and centered at 344106mE, 5643243mN (NAD83-Z20) in NTS Zone 22I/14 (Figure 1). The claim block is approximately 2 kilometers east of Lac Manitou and accessible only by air from Sept-Iles or surrounding area. Pacific North West Capital Corp. field camps were established at two locations on the property with floatplane access. One former camp location, just to the east of Lac Manitou, used by a previous exploration company, was avoided due to contamination of the site with abandoned equipment, building materials, unspent jet fuel and jet fuel containers.

Access for this phase of surface exploration was largely on foot from the field camps but also assisted by helicopter (Robinson 44), which traveled from Longue-Point, located approximately 100 kilometers southeast of the property. Flight time to the property was approximately 35 minutes.

3.0 CLIMATE AND PHYSIOGRAPHY

The Lac Manitou property is located in a cold temperate climate, with a mean January temperature around -20 degrees Celsius and mean July temperature of +15 degrees Celsius.

The property and surrounding area is quite rugged with a ridge and valley topography that ranges from 650m to 200m in altitude. Located within the continuous boreal forest sub-

zone, in the spruce-moss domain, the trees are mainly softwood species (balsam fir, black and white spruce, jack pine and larch) and light-seeking hardwoods (white birch, trembling aspen and balsam poplar). Hills in the property area are quite rocky, but exposure is moderate due to the thick moss, which heavily covers the area.

4.0 CLAIM STATUS

The Lac Manitou property claim group consists of 126 contiguous unpatented mining claim units that cover 6846 hectares (appendix 1, figure 2). Optioned claims (62 of 126) are owned 100% by Cuesta Geoscience Ltd. and are currently subject to a joint-venture agreement with Pacific North West Capital Corp. The remaining 64 claims are 100% owned by Pacific North West Capital Corp.

The current group of claims covers approximately 35 km of the prospective contact area of the northwest lobe of the Havre-Saint-Pierre anorthosite complex.

5.0 PREVIOUS WORK

Parts of the Lac Manitou area have been mapped on various scales by both the Geological Survey of Canada (Greig, 1945; Jenkins, 1956; Hogan, 1971), and the Québec Ministry of Natural Resources (Sharma and Franconi, 1975). More recently, mapping by the Québec Ministry of Natural Resources in 1996 resulted in the discovery of the Lac Volant showing, a Ni-Cu-PGE occurrence hosted by a mafic intrusion to the southwest of Lac Manitou (Clark et al., 1997). Known exploration activity is summarized below:

SOQUEM Inc.

1993 and 1994: Soquem conducted a regional exploration program in the Lac Manitou area that included geological mapping, lake sediment- and stream sediment geochemistry, and ground EM (Beep-Mat) surveys. This work led to the discovery of the Platine (0.6% Cu, 0.22% Ni, 0.04% Co, 4.1g/t Pt) and Charnokite (0.83% Cu, 0.47% Ni, 734ppb Pt) showings in the border zone of Havre-Saint-Pierre Complex (Perry, 1994).

1997: Soquem conducted an airborne Mag/EM survey over the Platine and Charnokite showings that identified several weak EM conductors. Ground truthing completed in the area did not explain the anomalies (Brousseau, 1998). No further work was completed.

170364 CANADA Inc.

1996: 170364 Canada Inc. conducted geological mapping in part of border zone on the southeast margin of the Havre-Saint-Pierre Complex in the Lac Manitou Area. The best rock sample assay data are 0.67% Cu, 0.34% Ni, 2.8ppm Ag, and 30ppb Au (Gaudreault, 1997). No further work was completed

Géonova Explorations Inc.

1996: Géonova completed reconnaissance mapping and a ground geophysical survey (Beep-Mat) in the southwestern border zone of Havre-Saint-Pierre Complex. This work initially targeted showings discovered by Québec Ministry of Natural Resources. The best metal values were obtained from the Becassine showing, including 2.95% Cu, 0.83% Ni, 0.09% Co, 1.75g/t PGE and 2.1% Cu, 0.68% Ni, 0.09% Co, 0.6g/t PGE (Villeneuve, 1996).

1997: Géonova completed geological mapping and a ground geophysical survey (Beep-Mat), which led to the discovery of 18 new Ni-Cu-Co-PGE showings. The best assay values reported were: 2.25% Cu, 0.01% Ni, 0.1% Co, 1.85/t PGE and 4.66% Cu, 0.37% Ni, 0.16% Co, 0.7g/t PGE (Bossé, 1997). No further work was completed

Ressources Ste. Geneviève

1997: Ressources Ste. Geneviève completed geological mapping on the Havre-Saint-Pierre Complex to the east of Lac Manitou. Best metal values reported were: 2% Cu, 407ppb Au, 20.9ppm Ag and 0.5% Cu, 0.3% Ni, 0.09% Co (Allard and Noel., 1997).

1998: Ressources Ste. Geneviève conducted geological mapping and a ground VLF geophysical survey of 58.3 km on their 1996 property. The VLF survey identified two

principal conductive zones, which strike northerly to northwesterly for over 2000 m (Whorley, 1999). No follow-up work was completed.

Mines d'Or Virginia

1997: Mines d'Or Virginia completed a regional program of mapping and sampling, airborne and ground geophysics, and soil and stream sediment geochemistry that covered a group of claims on the northern border zone of the Havre-Saint-Pierre Complex. Best rock sample results were 0.08% Ni and 0.11% Cu. (Maisonneuve and Francoeur, 1998) No additional work was completed.

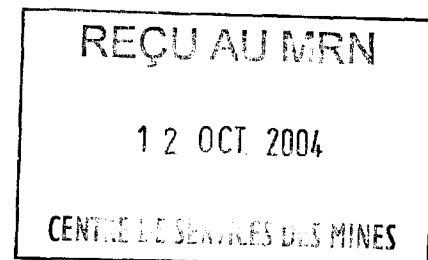
Groupe platine de la Fosse Inc

2001: Groupe platine de la Fosse Inc. completed line cutting, prospecting, max-min and beep mat surveys on a small block of claims on the northern border zone of the Havre-Saint-Pierre Complex. A weak EM conductor was stripped and sampled, with the best individual sample result of 0.57% Ni, 0.38% Cu and 0.39 g/t PGE (Fortin, 2001). No follow-up work was completed.

To date there have been numerous significant Cu-Ni +/- PGE showings found on the property which, are attributed to both the Quebec government and private sector exploration work.

6.0 PHASE 1 SURFACE EXPLORATION

The Phase 1 surface exploration program was completed on the Lac Manitou property between July 15th and August 10th, 2004 and included, mapping, sampling and limited detailed mapping. The program consisted of five to six people working in groups of two, with helicopter support, systematically mapping and sampling the border zone of the NW lobe of the Havre-Saint-Pierre anorthosite complex.



6.1 Regional Geology

The Manitou-Nipisso region is underlain by Proterozoic rocks of the Grenville geological province, and has been interpreted as part of an allochthonous polycyclic belt (figure 3). The region consists of five large geological assemblages: the Canatiche Complex, the Manitou Complex, the Matamec Complex, Lac Tortue Anorthosite, and the Havre-Saint-Pierre Anorthosite Suite (Cheve *et al.*, 1999).

The Canatiche Complex is a granite assemblage, which varies from non-deformed to deformed gneisses and migmatites with minor amounts of anorthosite and gabbro. Non granitic rocks included minor levels of calcsilicates and iron formation.

The Manitou Complex is for the most part entirely gneissic with minor deformed and metamorphosed mafic and felsic intrusions. The dominant lithologies are quartzofeldspathic gneiss, orthopyroxene-clinopyroxene-hornblend gneiss, in addition to granitic gneiss. Minor amounts of paragneiss, amphibolite, and metagabbro are also part of the assemblage. The rocks of the Manitou Complex are deformed and metamorphosed to the upper amphibolite or granulite facies.

The Matamec Complex is a geological region 70 kilometers long by 40 kilometers wide, which is dominated by hypersthene bearing rocks that have been recrystallized to granulite facies assemblages. Generally they consist of fine grained gabbro-norite, mangerite, monzonite which are intruded by olivine bearing gabbro-norites and megacrystic granites. The complex is interpreted as a large shear bounded tectonic slice, which was transported onto the Manitou Gneiss Complex. The Lac Volant Cu-Ni-Co showing is associated with a late phase gabbro-norite intrusive of the Matamec Complex.

The Havre-Saint-Pierre anorthosite suite is described as an irregular mass with the approximate diameter of 150 kilometers. The northwest lobe is partially isolated from the main intrusive body by a large slice of gneiss belonging to the Manitou Complex. The principal rock type is a massive anorthosite or leuconorite with observable layering of norite, gabbro and troctolite. The west and southwest borders of the intrusive are predominantly gabbro-norite and norite, with some pyroxenite, which is locally mineralized. Faults in the northwest lobe generally trend north-northeast and offset the intrusion in the southern region. Smaller secondary faulting is also observed with a northwest direction.

The Lac Tortue anorthosite is an oval shaped mass oriented NW-SE, with an approximated area of 250 kilometers. Apart from observable magmatic layering, rock types are quite similar to that of the Havre-Saint-Pierre Anorthosite complex. Both the Havre-

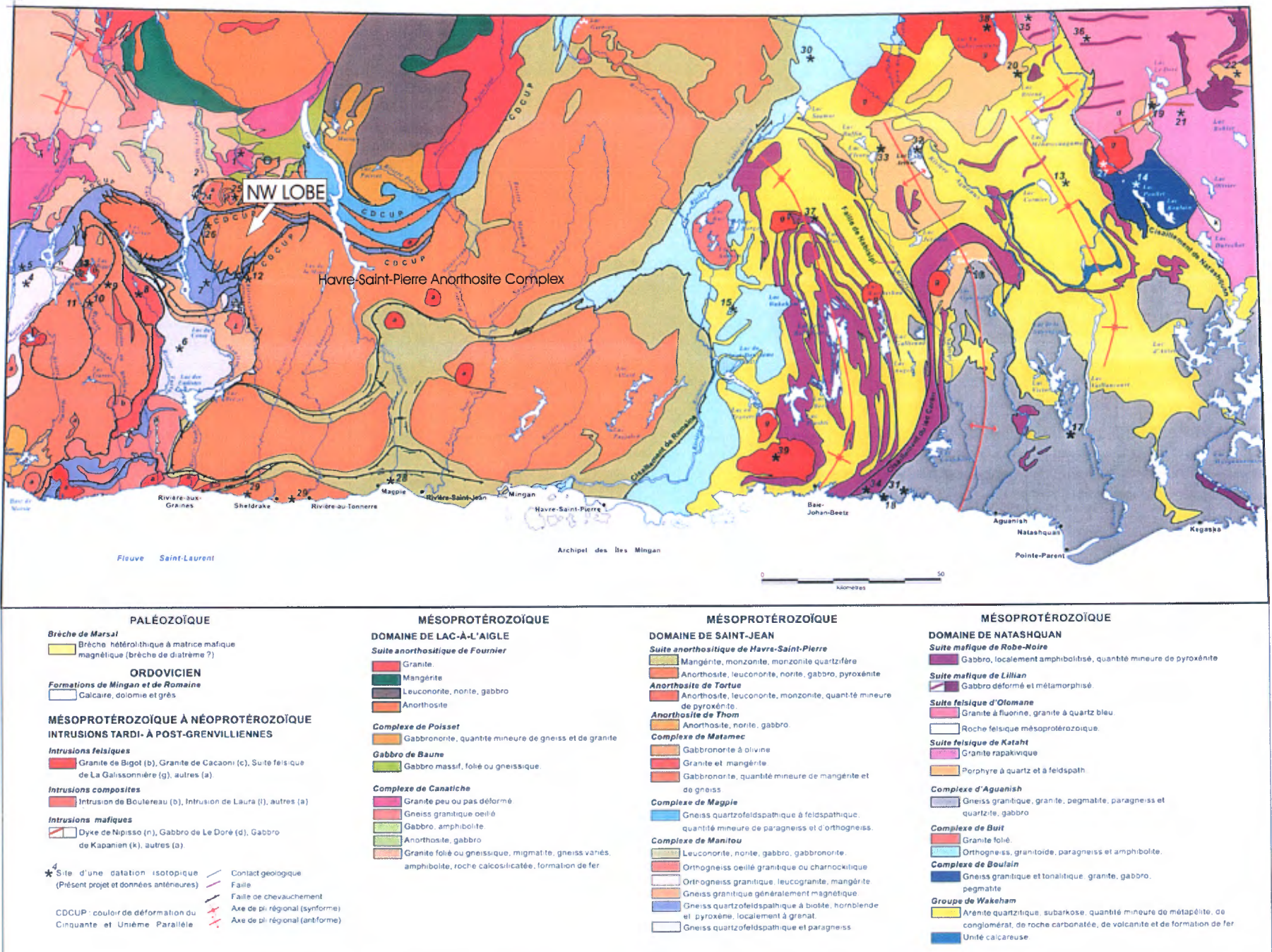


Figure 3. Simplified geology of the Sept-Îles - Natashquan region. (Gobeil, A. 2002)

Saint-Pierre and Lac Tortue were formed by multiple injections of leuconorite, leucogabbro, anorthosite and in the border zone orthopyroxenite.

6.2 Property Geology

The Havre-Saint-Pierre (HSP) Anorthosite Complex intrudes into the Manitou Gneiss Complex (Unit – 1) with the latter consisting predominantly of quartzofeldspathic gneiss and garnet-bearing metagabbro. At the margins of the HSP intrusion toward the center, the rocks generally consist of a layered gabbro-norite-leucogabbro-norite-anorthosite unit 2a, which is in sharp contact with overlying coarse-grained norite (Unit – 2b). Fine to coarse-grained mineralized pyroxenite (Units 2d and 2e) was observed as an irregular non-continuous unit, predominantly within the boarder zone of the intrusion and typically within the coarse-grained norite unit.

The coarse norite in some locations contains plagioclase megacrysts and although the contact has not been directly observed it is thought the coarse norite (Unit 2f) is gradational into a megacrystic anorthosite (Unit 2g). The coarse norites of unit 2b and 2f are very similar in nature and may be related units. The mineralization is always observed in fine- to coarse-grained pyroxenite (Unit 2d and 2e) contained within a coarse norite (Unit 2b and 2f) or at a contact between coarse norite (Unit 2b and 2f) and other units. Each of the main units is summarized below and is summarized in schematic stratigraphic section (figure 4).

Unit 1 – Quartzofeldspathic Gneiss and Garnet Metagabbro

This unit is predominantly quartzofeldspathic gneiss and garnet-bearing metagabbro. Generally, this unit is moderately to strongly foliated and banded with observable open z-folds. The magnetite bearing quartzofeldspathic gneiss is generally equigranular and light pink with varying amounts of white feldspar and clear to grey quartz. This unit is variably interlayered with a garnet-bearing metagabbro containing plagioclase, green amphibole after pyroxene and fine-grained orange-red garnet.

Schematic Stragraphic Section



2g - megacrystic anorthosite

2f - coarse to pegmatitic norite

2c - fine anorthosite

2d - fine pyroxenite

2e - coarse pyroxenite

2d - fine pyroxenite

2c - fine anorthosite

2b - coarse norite

2b - layered gabbro-norite-leucogabbro-norite-anorthosite

1 - quartzofeldspathic gneiss and garnet metagabbro



Figure 4. Schematic Stratigraphic Section of the northwest lobe of the Havre-Saint-Pierre Anorthosite Complex.

Unit 2a – Layered Gabbro-norite-Leucogabbro-norite-Anorthosite

This unit is the outer most in the stratigraphic sequence and is in contact with the Manitou gneiss and sharp contact with overlying coarse norite (Unit 2b). This layered unit consists of centimeter to meter scale alternating bands of gabbro to gabbro-norite, leucogabbro to leucogabbro-norite, and anorthosite. Layers are generally medium grained, massive to modally layered (varying plagioclase content) with mafic units containing varying amounts of garnet. The layers are generally parallel to the intrusive contact and in places are difficult to distinguish from the garnet-metagabbro unit.

Unit 2b – Coarse Norite

This unit is the thickest and most common unit. It consists of medium- to coarse-grained equigranular recrystallized sodic to intermediate plagioclase with 25-50% 1cm-sized interstitial cusped and irregular orthopyroxene. The pyroxene is rimmed with mm-sized orange-red garnet grains.

Unit 2c – Fine-grained Anorthosite

This unit is not always present but where it is present, it is in sharp contact with the coarse norite. It contains >90% fine-grained equigranular intermediate plagioclase with minor interstitial pyroxene (opx) that generally has a greyish-white appearance and variable thickness.

Unit 2d and 2e – Fine- to Coarse-Grained Pyroxenite

The contact between coarse to pegmatitic pyroxenite and fine-grained pyroxenite is gradational and the two units are only differentiated by grain size. This rock unit is not continuous and instead occurs as irregular shaped pods with observable cross cutting relationships with several units. The contact with the coarse norite for instance, is sharp but very irregular. The pyroxenite has also been observed in contact with fine-grained anorthosite (Unit 2c) and the layered unit (Unit 2a); it may also occur at the contact with the gneisses. Where the pyroxenite is in contact with the coarse norite, there are coarser pyroxene rich patches in the norite. Although the pyroxenite occurs in contact with other units, it is consistently associated with coarse norite and may be concentrated mafic portions of the norite itself. Because of these contact relationships, it is interpreted that the pyroxenite unit was emplaced following the formation of the border units but prior to their

consolidation. The pyroxenite unit is sulfide bearing and can range from trace amounts to semi-massive. The sulfides occur interstitially (net-textured) and consist of pyrrhotite-chalcopyrite-pyrite (+/- pentlandite).

Unit 2f – Coarse to Pegmatitic Norite

This unit is very similar to Unit 2b but is considered a separate unit because the relationship between these norites is not completely known. This unit is generally very coarse to pegmatitic with large irregular shaped orthopyroxenes rimmed by clinopyroxene or garnet. This unit can also contain megacrysts of plagioclase.

Unit 2g – Megacrystic Anorthosite

The nature of the contact between coarse norite (Unit 2f) and the megacrystic anorthosite is thought to be gradational increasing in plagioclase megacrysts and decreasing in pyroxene in the anorthosite. The megacrystic anorthosite consists of >90% plagioclase (45% intermediate (and zoned) plagioclase megacrysts (2-10cm) in a fine-grained intermediate, equigranular, recrystallized plagioclase (50%) matrix). This unit can contain up to 10% coarse (>10cm) interstitial cusped and irregular pyroxene. On the weathered surface, the plagioclase megacrysts are fractured and rounded.

6.2.1 Mineralization

Mineralisation on the Lac Manitou Property is largely confined to the pyroxenite units 2d and 2c, where sulphide mineralization ranges from trace amounts to semi-massive. Sulphides present within these units generally occur interstitially and consist of pyrrhotite-chalcopyrite-pyrite (+/- pentlandite). Sulphide mineralization within this unit is interpreted as magmatic in origin with some local remobilization. Trace disseminated mineralization of pyrrhotite-pyrite (+/- chalcopyrite) was observed at various levels of the intrusion.

6.3 Sampling

A total of 244 samples were collected for analysis. The majority of sampling was done during daily mapping traverses and included a limited amount of drill core that was found on site. Two continuous channel samples each 11.5 meters in length were taken from the previously named Fuji 1 and 2 trenches. Half-meter samples from the channel cuts produced 46 samples collectively (see appendix 4). All samples were submitted to SGS

Mineral Services, Mississauga, Ontario, for analyses of Au, Pt and Pd by fire assay, in addition to multi-element scans Appendix 3. Sample locations from traverse samples are located on Map 2 and descriptions are in Appendix 2.

6.4 Mapping

Daily activities on the Lac Manitou project were restricted primarily to traverse mapping and sampling, which included the re-sampling of previous showings. The property, which covers most of the contact region of the northwest lobe, was traversed across stratigraphy, in order to better characterize the border zone of the intrusive complex (see section 6.2).

Detailed mapping and sampling was conducted on two existing trenches Fuji 1 and Fugi 2, in order to better understand the nature of the mineralized zones (see maps 2 and 3). These trenches were readily accessible from the field camp and well exposed from previous exploration in the region. Previous mapping was done by GeoNova Explorations Inc. in 1997.

6.5 Results

Of the 244 samples analyzed several returned significant Cu-Ni + PGE values (Table 1). Samples collected from the border zone of the intrusive complex generally have Ni values less than 0.5% with Cu values attaining up to 4.8%. PGE (platinum group element) analyses were generally anomalous, with some higher values up to 602ppb Pt, 132 ppb Pd, 26ppb Au for sample 47496.

Table 1. Highlights from Phase 1 Surface Program Lac Manitou, 2004.

Sample Unit	Au ppb	Pt ppb	Pd ppb	3E ppb	Co ppm	Co %	Ni ppm	Ni %	Cu ppm	Cu %
47304	269	328	13	610	466	0.05	1790	0.18	17900	1.79
47307	26	20	5	51	152	0.02	795	0.08	12800	1.28
47317	77	193	344	614	502	0.05	4090	0.41	6890	0.69
47460	240	79	20	339	1550	0.16	536	0.05	38200	3.82
47461	67	50	5	122	183	0.02	396	0.04	10800	1.08
47462	223	25	27	275	2410	0.24	980	0.10	48400	4.84
47496	26	602	132	760	213	0.02	1700	0.17	4205	0.42

Of the 244 samples collected 21 assayed ≥ 100 ppb 3E (Pt+Pd+Au) and of these 7 assayed ≥ 250 ppb 3E; 3 samples assayed >500 ppb 3E . Base metal values were also reported on the property with 50 samples of the 244 collected assaying $>0.25\%$ Cu+Ni and 8 of these samples assaying $>1.0\%$ combined Cu+Ni, the highest being **sample 47462 which assayed 4.84% Cu and 0.10% Ni.**

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase 1 surface program on the Lac Manitou property was successful in further characterizing the border zone, of the northwest lobe of the Havre-Saint-Pierre intrusion, and identifying the prospective units within this marginal series. It should be noted that all conclusions are based on field observations and existing data. No thin section work or extensive geochemical analyses were done for this initial phase of exploration.

The border zone of the northwest lobe ranges from massive megacrystic anorthosite to layered gabbro-norite-leucogabbro-norite and anorthosite at the margin of the intrusion. Mineralization within this sequence is restricted primarily to a pyroxenite unit, which occurs uniquely within the border zone. This unit has been described as an irregularly shaped (pod), non-continuous mafic differentiate, which crosscuts various levels of the border zone stratigraphy with a predominance to occur at lithological contacts or other areas of structural weakness. Mineralization is generally restricted to pyroxenite unit with local remobilization into the surrounding units. Sulphides vary from disseminated to semi-massive interstitial or net-textured, occurring predominantly as pyrrhotite-chalcopyrite-pyrite. Grades are generally low with Cu+Ni values of less than one percent, with little or no PGE's. Higher values however were achieved with one sample returning Cu values of 4.8% and 0.10% nickel. Also, several samples returned higher PGE values with one sample assaying 26ppb Au, 602ppb Pt and 132ppb Pd. These values do suggest there is a possibility for the system to host higher grades, possibly at depth or at another level within the intrusive complex.

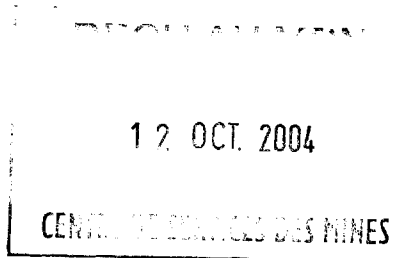
It is the opinion of the author that due to location, topography, infrastructure, native land claim issues and generally low grade mineralization, this property represents a low priority exploration target at this time.

In the event that Pacific North West Capital Corp. should pursue a Phase 2 exploration program on the property, the following recommendations should be taken under consideration:

- 1) **Geophysics** – helicopter borne electromagnetic geophysical survey flown with tight line spacing across the border zone of the intrusive complex. In addition to recompilation of existing surveys which have been previously flown over the property. A system such as Geotech Ltd. VTEM is recommended.
- 2) **Ground Truthing** – geophysical targets should be evaluated on the ground in order to evaluate and prioritize drill targets.
- 3) **Diamond Drilling** – a small drill program (1000-5000m) should be considered if results from geophysics and ground reconnaissance have identified any high priority targets.



*David R. Lyon, P. Geo.
September 30th, 2004
Association of Professional Geoscientists of Ontario (Member #0924)*

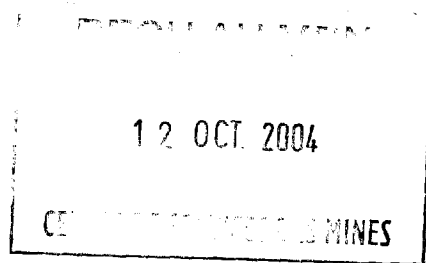


REFERENCES

Findlay, J. – Daoud, D., 2002 – Summary Report on the Lac Manitou Property, Côte-Nord District, Québec. Internal report, Cuesta Geoscience Ltd.

Cheve, S. - Gobeil, A - Clark, T.- Corriveau, L. – Perrault, S. – Dion, D. Daigneault, R.- Geologie de la region du Lac Manitou (22I/14). 1999. Ministere des Ressources naturelles, Quebec; RG99-02.

APPENDIX 1 – Claim Listing



NTS Sheet	Territory Code	Range	Lot	Title No	Title Status	Date of Registration	Expiry Date	Area (Ha)	Titleholder #	Title Holder	Percentage (%)
22114	22114	11	42	1104277	A	11/4/2002	11/3/2004	54.41	19721	Cuesta Geoscience Ltd	100
22114	22114	11	43	1104278	A	11/4/2002	11/3/2004	54.41	19721	Cuesta Geoscience Ltd	100
22114	22114	11	48	1118997	A	2/28/2003	2/27/2005	54.41	19721	Cuesta Geoscience Ltd	100
22114	22114	11	49	1118998	A	2/28/2003	2/27/2005	54.41	19721	Cuesta Geoscience Ltd	100
22114	22114	11	50	1118999	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	11	51	1119000	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	11	52	1119001	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	11	53	1119002	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	11	54	1119003	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	41	1104279	A	11/4/2002	11/3/2004	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	42	1104280	A	11/4/2002	11/3/2004	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	43	1104281	A	11/4/2002	11/3/2004	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	44	1104282	A	11/4/2002	11/3/2004	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	45	1119004	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	46	1119005	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	47	1119006	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	48	1119007	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	49	1119008	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	50	1119009	A	2/28/2003	2/27/2005	54.4	19721	Cuesta Geoscience Ltd	100
22114	22114	12	51	1119010	A	2/28/2003	2/27/2005	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	12	52	1119011	A	2/28/2003	2/27/2005	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	12	53	1119012	A	2/28/2003	2/27/2005	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	12	54	1119013	A	2/28/2003	2/27/2005	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	40	1104283	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	41	1104284	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	42	1104285	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	43	1104286	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	44	1104287	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	45	1104288	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	46	1104289	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	13	47	1104290	A	11/4/2002	11/3/2004	54.39	19721	Cuesta Geoscience Ltd	100
22114	22114	14	40	1104291	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	14	41	1104292	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	14	42	1104293	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	14	43	1104294	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	14	44	1104295	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	14	45	1104296	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	14	46	1104297	A	11/4/2002	11/3/2004	54.38	19721	Cuesta Geoscience Ltd	100
22114	22114	15	38	1104298	A	11/4/2002	11/3/2004	54.37	19721	Cuesta Geoscience Ltd	100
22114	22114	15	39	1104299	A	11/4/2002	11/3/2004	54.37	19721	Cuesta Geoscience Ltd	100
22114	22114	15	40	1104300	A	11/4/2002	11/3/2004	54.37	19721	Cuesta Geoscience Ltd	100
22114	22114	15	41	1104301	A	11/4/2002	11/3/2004	54.37	19721	Cuesta Geoscience Ltd	100
22114	22114	15	42	1104302	A	11/4/2002	11/3/2004	54.37	19721	Cuesta Geoscience Ltd	100

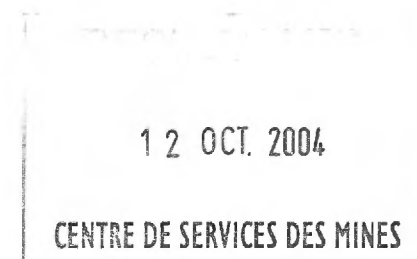
NTS Sheet	Territory Code	Range	Lot	Title No	Title Status	Date of Registration	Expiry Date	Area (Ha)	Titleholder #	Title Holder	Percentage (%)
22114	22114	16	37	1104303	A	11/4/2002	11/3/2004	54.36	19721	Cuesta Geoscience Ltd	100
22114	22114	16	38	1104304	A	11/4/2002	11/3/2004	54.36	19721	Cuesta Geoscience Ltd	100
22114	22114	16	39	1104305	A	11/4/2002	11/3/2004	54.36	19721	Cuesta Geoscience Ltd	100
22114	22114	16	40	1104306	A	11/4/2002	11/3/2004	54.36	19721	Cuesta Geoscience Ltd	100
22114	22114	17	36	1104307	A	11/4/2002	11/3/2004	54.35	19721	Cuesta Geoscience Ltd	100
22114	22114	17	37	1104308	A	11/4/2002	11/3/2004	54.35	19721	Cuesta Geoscience Ltd	100
22114	22114	17	38	1104309	A	11/4/2002	11/3/2004	54.35	19721	Cuesta Geoscience Ltd	100
22114	22114	18	35	1104310	A	11/4/2002	11/3/2004	54.34	19721	Cuesta Geoscience Ltd	100
22114	22114	18	36	1104311	A	11/4/2002	11/3/2004	54.34	19721	Cuesta Geoscience Ltd	100
22114	22114	18	37	1104312	A	11/4/2002	11/3/2004	54.34	19721	Cuesta Geoscience Ltd	100
22114	22114	19	34	1104313	A	11/4/2002	11/3/2004	54.33	19721	Cuesta Geoscience Ltd	100
22114	22114	19	35	1104314	A	11/4/2002	11/3/2004	54.33	19721	Cuesta Geoscience Ltd	100
22114	22114	20	34	1119014	A	2/28/2003	2/27/2005	54.32	19721	Cuesta Geoscience Ltd	100
22114	22114	20	35	1119015	A	2/28/2003	2/27/2005	54.32	19721	Cuesta Geoscience Ltd	100
22114	22114	21	33	1119016	A	2/28/2003	2/27/2005	54.31	19721	Cuesta Geoscience Ltd	100
22114	22114	21	34	1119017	A	2/28/2003	2/27/2005	54.31	19721	Cuesta Geoscience Ltd	100
22114	22114	22	33	1119018	A	2/28/2003	2/27/2005	54.3	19721	Cuesta Geoscience Ltd	100
22114	22114	22	34	1119019	A	2/28/2003	2/27/2005	54.3	19721	Cuesta Geoscience Ltd	100
22114	22114	23	34	1119020	A	2/28/2003	2/27/2005	54.29	19721	Cuesta Geoscience Ltd	100
22114	22114	9	54	30951	A	7/29/2004	7/28/2006	54.42	19978	Pacific North West Capital Corp	100
22114	22114	9	55	30952	A	7/29/2004	7/28/2006	54.42	19978	Pacific North West Capital Corp	100
22114	22114	10	54	30953	A	7/29/2004	7/28/2006	54.41	19978	Pacific North West Capital Corp	100
22114	22114	10	55	30954	A	7/29/2004	7/28/2006	54.41	19978	Pacific North West Capital Corp	100
22114	22114	10	56	30955	A	7/29/2004	7/28/2006	54.41	19978	Pacific North West Capital Corp	100
22114	22114	10	57	30956	A	7/29/2004	7/28/2006	54.41	19978	Pacific North West Capital Corp	100
22114	22114	11	55	30957	A	7/29/2004	7/28/2006	54.4	19978	Pacific North West Capital Corp	100
22114	22114	11	56	30958	A	7/29/2004	7/28/2006	54.4	19978	Pacific North West Capital Corp	100
22114	22114	11	57	30959	A	7/29/2004	7/28/2006	54.4	19978	Pacific North West Capital Corp	100
22114	22114	11	58	30960	A	7/29/2004	7/28/2006	54.4	19978	Pacific North West Capital Corp	100
22114	22114	12	55	30961	A	7/29/2004	7/28/2006	54.39	19978	Pacific North West Capital Corp	100
22114	22114	12	56	30962	A	7/29/2004	7/28/2006	54.39	19978	Pacific North West Capital Corp	100
22114	22114	12	57	30963	A	7/29/2004	7/28/2006	54.39	19978	Pacific North West Capital Corp	100
22114	22114	12	58	30964	A	7/29/2004	7/28/2006	54.39	19978	Pacific North West Capital Corp	100
22114	22114	12	59	30965	A	7/29/2004	7/28/2006	54.39	19978	Pacific North West Capital Corp	100
22114	22114	12	60	30966	A	7/29/2004	7/28/2006	54.39	19978	Pacific North West Capital Corp	100
22114	22114	13	58	30967	A	7/29/2004	7/28/2006	54.38	19978	Pacific North West Capital Corp	100
22114	22114	13	59	30968	A	7/29/2004	7/28/2006	54.38	19978	Pacific North West Capital Corp	100
22114	22114	13	60	30969	A	7/29/2004	7/28/2006	54.38	19978	Pacific North West Capital Corp	100
22114	22114	14	58	30970	A	7/29/2004	7/28/2006	54.37	19978	Pacific North West Capital Corp	100
22114	22114	14	59	30971	A	7/29/2004	7/28/2006	54.37	19978	Pacific North West Capital Corp	100
22114	22114	14	60	30972	A	7/29/2004	7/28/2006	54.37	19978	Pacific North West Capital Corp	100
22114	22114	15	58	30973	A	7/29/2004	7/28/2006	54.36	19978	Pacific North West Capital Corp	100
22114	22114	15	59	30974	A	7/29/2004	7/28/2006	54.36	19978	Pacific North West Capital Corp	100

NTS Sheet	Territory Code	Range	Lot	Title No	Title Status	Date of Registration	Expiry Date	Area (Ha)	Titleholder #	Title Holder	Percentage (%)
22114	22114	15	60	30975	A	7/29/2004	7/28/2006	54.36	19978	Pacific North West Capital Corp	100
22114	22114	17	39	30976	A	7/29/2004	7/28/2006	54.35	19978	Pacific North West Capital Corp	100
22114	22114	19	36	30977	A	7/29/2004	7/28/2006	54.33	19978	Pacific North West Capital Corp	100
22114	22114	20	33	30978	A	7/29/2004	7/28/2006	54.32	19978	Pacific North West Capital Corp	100
22114	22114	20	36	30979	A	7/29/2004	7/28/2006	54.32	19978	Pacific North West Capital Corp	100
22114	22114	21	35	30980	A	7/29/2004	7/28/2006	54.31	19978	Pacific North West Capital Corp	100
22114	22114	22	35	30981	A	7/29/2004	7/28/2006	54.3	19978	Pacific North West Capital Corp	100
22114	22114	23	35	30982	A	7/29/2004	7/28/2006	54.29	19978	Pacific North West Capital Corp	100
22114	22114	24	34	30983	A	7/29/2004	7/28/2006	54.28	19978	Pacific North West Capital Corp	100
22114	22114	24	35	30984	A	7/29/2004	7/28/2006	54.28	19978	Pacific North West Capital Corp	100
22114	22114	24	36	30985	A	7/29/2004	7/28/2006	54.28	19978	Pacific North West Capital Corp	100
22114	22114	25	35	30986	A	7/29/2004	7/28/2006	54.27	19978	Pacific North West Capital Corp	100
22114	22114	25	36	30987	A	7/29/2004	7/28/2006	54.27	19978	Pacific North West Capital Corp	100
22114	22114	25	37	30988	A	7/29/2004	7/28/2006	54.27	19978	Pacific North West Capital Corp	100
22114	22114	26	35	30989	A	7/29/2004	7/28/2006	54.26	19978	Pacific North West Capital Corp	100
22114	22114	26	36	30990	A	7/29/2004	7/28/2006	54.26	19978	Pacific North West Capital Corp	100
22114	22114	26	37	30991	A	7/29/2004	7/28/2006	54.26	19978	Pacific North West Capital Corp	100
22114	22114	27	36	30992	A	7/29/2004	7/28/2006	54.25	19978	Pacific North West Capital Corp	100
22114	22114	27	37	30993	A	7/29/2004	7/28/2006	54.25	19978	Pacific North West Capital Corp	100
22114	22114	27	38	30994	A	7/29/2004	7/28/2006	54.25	19978	Pacific North West Capital Corp	100
22114	22114	28	37	30995	A	7/29/2004	7/28/2006	54.24	19978	Pacific North West Capital Corp	100
22114	22114	28	38	30996	A	7/29/2004	7/28/2006	54.24	19978	Pacific North West Capital Corp	100
22114	22114	29	37	30997	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	38	30998	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	39	30999	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	40	31000	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	41	31001	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	42	31002	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	43	31003	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	44	31004	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	45	31005	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	29	46	31006	A	7/29/2004	7/28/2006	54.23	19978	Pacific North West Capital Corp	100
22114	22114	30	41	31007	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	42	31008	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	43	31009	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	44	31010	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	45	31011	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	46	31012	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	47	31013	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100
22114	22114	30	48	31014	A	7/29/2004	7/28/2006	54.22	19978	Pacific North West Capital Corp	100

APPENDIX 2 – Rock Descriptions

12 OCT. 2004
CENTRE DES MINES

Date	Sample	Easting	Northing	Photo	Grain Size	Rock Type	VS	VS%	VS Description
160704	47301	347218	5637639	2010/2011		norite	po,py,cpy	tr	disseminated
160704	47302	347257	5637529		cg	norite	po,py,cpy	tr	disseminated
160704	47303	347308	5637420	2014,15,16	cg	norite			
160704	47304	347334	5637367	2017-23		pyroxenite	po,py,cpy	25	blebby
160704	47305	347330	5637368	2017-2023		pyroxenite			disseminated
160704	47306	347331	5637771	2030-35	fg	pyroxenite			disseminated
160704	47307	347296	5637776						
160704	47308	347298	5637775						
170704	47309	347825	5637140	2043-2048	cg	pyroxenite	po,py,cpy	25	
170704	47310	347775	5637039			norite	po,py,cpy	tr	disseminated
180704	47311	346918	5638990		mg	norite,megacrystic	po,py,cpy	tr	
180704	47312	346795	5638947	2052/53		norite			
180704	47313	346757	5638925		mg	norite		nv	
180704	47314	346675	5638950			norite	po,py,cpy	tr	disseminated
180704	47315	346632	5638960			norite	po,py,cpy	tr	disseminated
180704	47316	346999	5638852	2057		pyroxenite			
180704	47317	347017	5638830	2059/60		norite			disseminated
180704	47318	347016	5638832		fg	pyroxenite			blebby
190704	47319	347253	5637290	2066		norite		nv	
190704	47320	347191	5637294		mg	gabbro	po,py,cpy	tr	disseminated
190704	47321	347209	5637516			norite	po,py,cpy	tr	
190704	47322	347251	5637553			norite	po,py,cpy	tr	
190704	47323	347197	5637328			norite			
190704	47324	347206	5637315			norite	po,py,cpy	1	disseminated
200704	47325	channel sample - fuji	1 trench			see Appendix 4			
200704	47326	channel sample - fuji	1 trench			see Appendix 4			
200704	47327	channel sample - fuji	1 trench			see Appendix 4			
200704	47328	channel sample - fuji	1 trench			see Appendix 4			
200704	47329	channel sample - fuji	1 trench			see Appendix 4			
200704	47330	channel sample - fuji	1 trench			see Appendix 4			
200704	47331	channel sample - fuji	1 trench			see Appendix 4			
200704	47332	channel sample - fuji	1 trench			see Appendix 4			
200704	47333	channel sample - fuji	1 trench			see Appendix 4			
200704	47334	channel sample - fuji	1 trench			see Appendix 4			
200704	47335	channel sample - fuji	1 trench			see Appendix 4			
200704	47336	channel sample - fuji	1 trench			see Appendix 4			
200704	47337	channel sample - fuji	1 trench			see Appendix 4			
200704	47338	channel sample - fuji	1 trench			see Appendix 4			
200704	47339	channel sample - fuji	1 trench			see Appendix 4			
200704	47340	channel sample - fuji	1 trench			see Appendix 4			
200704	47341	channel sample - fuji	1 trench			see Appendix 4			
200704	47342	channel sample - fuji	1 trench			see Appendix 4			
200704	47343	channel sample - fuji	1 trench			see Appendix 4			
200704	47344	channel sample - fuji	1 trench			see Appendix 4			
200704	47345	channel sample - fuji	1 trench			see Appendix 4			
200704	47346	channel sample - fuji	1 trench			see Appendix 4			
200704	47347	channel sample - fuji	1 trench			see Appendix 4			
200704	47348	channel sample - fuji	2 trench			see Appendix 4			
200704	47349	channel sample - fuji	2 trench			see Appendix 4			
200704	47350	channel sample - fuji	2 trench			see Appendix 4			
200704	47351	channel sample - fuji	2 trench			see Appendix 4			
200704	47352	channel sample - fuji	2 trench			see Appendix 4			
200704	47353	channel sample - fuji	2 trench			see Appendix 4			



Date	Sample	Notes
160704	47301	
160704	47302	disseminated sulphide in felsic matrix
160704	47303	
160704	47304	BRULE SHOWING, MINERALIZATION HOSTED BY PYROXENITE DYKE
160704	47305	BRULE SHOWING
160704	47306	SAME AS BRULE SHOWING
160704	47307	
160704	47308	
170704	47309	OURS GROGNANT SHOWING, HEAVILY MINERALIZED WITH FERRECRETE CAP DOWN SLOPE
170704	47310	
180704	47311	large plag xtals with rimmed pyroxenes
180704	47312	ANORTHOSITE FRAGMENT IN MORE MAFIC MATRIX
180704	47313	
180704	47314	
180704	47315	SMALL RUSTY PATCHES ARE VISIBLE AT VARIOUS LOCATIONS
180704	47316	
180704	47317	LESS OXIDIZED THAN 47518
180704	47318	HIGHLY OXIDIZED ZONE STRIKING 230 DEGREES, HOST MATERIAL IS TYPICAL ANORTHOSITE
190704	47319	RUSTY SHEAR ZONE, 160 AZ, DIPPING 30
190704	47320	PROXIMAL TO CONTACT
190704	47321	
190704	47322	
190704	47323	
190704	47324	
200704	47325	
200704	47326	
200704	47327	
200704	47328	
200704	47329	
200704	47330	
200704	47331	
200704	47332	
200704	47333	
200704	47334	
200704	47335	
200704	47336	
200704	47337	
200704	47338	
200704	47339	
200704	47340	
200704	47341	
200704	47342	
200704	47343	
200704	47344	
200704	47345	
200704	47346	
200704	47347	
200704	47348	
200704	47349	
200704	47350	
200704	47351	
200704	47352	
200704	47353	

12 OCT. 2004

CENTRE DE SERVICES DES MINES

Date	Sample	Easting	Northing	Photo	Grain Size	Rock Type	VS	VS%	VS Description
200704	47354	channel sample - fuji 2 trench				see Appendix 4			
200704	47355	channel sample - fuji 2 trench				see Appendix 4			
200704	47356	channel sample - fuji 2 trench				see Appendix 4			
200704	47357	channel sample - fuji 2 trench				see Appendix 4			
200704	47358	channel sample - fuji 2 trench				see Appendix 4			
200704	47359	channel sample - fuji 2 trench				see Appendix 4			
200704	47360	channel sample - fuji 2 trench				see Appendix 4			
200704	47361	channel sample - fuji 2 trench				see Appendix 4			
200704	47362	channel sample - fuji 2 trench				see Appendix 4			
200704	47363	channel sample - fuji 2 trench				see Appendix 4			
200704	47364	channel sample - fuji 2 trench				see Appendix 4			
200704	47365	channel sample - fuji 2 trench				see Appendix 4			
200704	47366	channel sample - fuji 2 trench				see Appendix 4			
200704	47367	channel sample - fuji 2 trench				see Appendix 4			
200704	47368	channel sample - fuji 2 trench				see Appendix 4			
200704	47369	channel sample - fuji 2 trench				see Appendix 4			
200704	47370	channel sample - fuji 2 trench				see Appendix 4			
210704	47371	345249	5639719		cg	pyroxenite	po,py,cpy	10	blebby
210704	47372	345257	5639720		cg	pyroxenite	po,py,cpy	25	
210704	47373	345255	5639722	2083	cg	pyroxenite	po,py,cpy	60	massive
210704	47374	345259	5639725		cg	pyroxenite	po,py,cpy	60	semi-massive
210704	47375	345492	5639686			norite	po,py,cpy	1	disseminated
210704	47376	345497	5639691			norite	po,py,cpy	1	disseminated
210704	47377	345344	5639622		mg	norite	po,py,cpy	1	blebby
210704	47378	345335	5639619		mg	norite	po,py,cpy	1	disseminated
210704	47379	345457	5639496		mg	norite	po,py,cpy	tr	disseminated
210704	47380	345591	5639540	2090/91	fg	pyroxenite	po,py,cpy	25	semi-massive
210704	47381	345650	5639606			pyroxenite			
210704	47382	345687	5639611		fg	pyroxenite	po,py,cpy	10	blebby
210704	47383	345691	5639611			pyroxenite	po,py,cpy	5	disseminated
210704	47384	346053	5639359		fg	pyroxenite	po,py,cpy	5	disseminated
210704	47385	346592	5639211		mg	anorthosite	po,py,cpy	1	disseminated
220704	47386	345084	5639888	2104-06	fg	pyroxenite	po,py,cpy	25	semi-massive
220704	47387	345098	5639901		mg	gabbro	po,py,cpy	5	blebby
220704	47388	345111	5639862	2108-09	mg	gabbro,layered	po,py,cpy	5	blebby
220704	47389	345115	5639867		mg	pyroxenite	po,py,cpy	5	blebby
220704	47390	345129	5639852	2109-12	fg	pyroxenite	po,py,cpy	mshv	
220704	47391	345132	5639856		cg	gabbro	po,py,cpy	5	
220704	47392	345054	5639929	2114	cg	gabbro	po,py,cpy	2	disseminated
220704	47393	345055	5639932			gabbro	po,py,cpy	5	disseminated
220704	47394	345058	5639922			pyroxenite	po,py,cpy	5	
220704	47395	345065	5639907	2117	cg	gabbro	po,py,cpy	5	disseminated
220704	47396	350879	5636428			gabbro	po,py,cpy	tr	disseminated
220704	47397	350698	5636256	2118-19		norite,megacrystic		nv	
220704	47398	350656	5635990		cg	norite			
220704	47399	350555	5635714			norite			
230704	47400	347477	5637148		cg	norite			
160704	47451	347214	5637680						
160704	47452	347321	5637351					nv	
160704	47453	347326	5637351			pyroxenite	po,py,cpy	tr	disseminated
160704	47454	347319	5637379			pyroxenite	po,py,cpy	tr	disseminated
160704	47455	347348	5637787			pyroxenite	po,py,cpy	5	
160704	47456	347348	5637787			pyroxenite	po,py,cpy	3	blebby

Date	Sample	Notes
200704	47354	
200704	47355	
200704	47356	
200704	47357	
200704	47358	
200704	47359	
200704	47360	
200704	47361	
200704	47362	
200704	47363	
200704	47364	
200704	47365	
200704	47366	
200704	47367	
200704	47368	
200704	47369	
200704	47370	
210704	47371	arnold showing
210704	47372	arnold
210704	47373	arnold
210704	47374	arnold
210704	47375	
210704	47376	
210704	47377	2m from shear
210704	47378	rusty zone in shear
210704	47379	
210704	47380	msv sulphide vein 10cm wide
210704	47381	heavy gossan, on edge of fault/shear zone running 290az
210704	47382	proximal to shear zone
210704	47383	near fault/old channel cuts
210704	47384	medium gossan, ass w rubly shear 290az
210704	47385	
220704	47386	sulphide vein in gneiss
220704	47387	msv dyke in layered anorth
220704	47388	appears to be complex interlayering of intrusive and gneiss, sulphide vein
220704	47389	pyrox dyke
220704	47390	sharp contact w layered intrusive...
220704	47391	coarser grained more gabbroic, less mineralised
220704	47392	coarser gabbro not as mineralised
220704	47393	
220704	47394	fine grained gabbro/pyrox along strike of previous sample
220704	47395	photo of sulphide patch and possible fragment to the left of hammer
220704	47396	
220704	47397	
220704	47398	
220704	47399	
230704	47400	
160704	47451	
160704	47452	
160704	47453	strong gausen
160704	47454	medium gausen
160704	47455	MASSIVE SULPHIDE
160704	47456	MASSIVE SULPHIDE

Date	Sample	Easting	Northing	Photo	Grain Size	Rock Type	VS	VS%	VS Description
180704	47457	347364	5637785			pyroxenite	po,py,cpy	<1	disseminated
180704	47458	347366	5637777			pyroxenite		nv	
180704	47459	347341	5637799			pyroxenite	po,py,cpy	tr	disseminated
170704	47460	347830	5637129				po,py,cpy	tr	
170704	47461	347830	5637129			pyroxenite	po,py,cpy	tr	
170704	47462	347591	5637798		mg	gabbro			
180704	47463	347171	5638519			pyroxenite	po,py,cpy	1	disseminated
180704	47464	347171	5638519			norite	po,py,cpy	po,py	disseminated
180704	47465	347190	5638543			norite	po,py,cpy	tr	disseminated
180704	47466	347191	5638544			pyroxenite	po,py,cpy	tr	disseminated
180704	47467	347041	5638555			norite			
180704	47468	346720	5638543				po,py,cpy	25	blebby
180704	47469	346742	5638588				po,py,cpy	2	disseminated
180704	47470	346737	5638616				po,py,cpy	2	disseminated
180704	47471	346529	5638555			norite	po,py,cpy	25	
180704	47472	346502	5638313				po,py,cpy	tr	disseminated
180704	47473	346492	5638310			blast rock			
180704	47474	346492	5638308			blast rock			
180704	47475	346569	5638288			blast rock			
180704	47476	346571	5638251						
180704	47477	346565	5638229				po,py,cpy	10	blebby
180704	47478	346565	5638229				po,py,cpy	60	semi-massive
180704	47479	346565	5638229				po,py,cpy	60	massive
180704	47480	346565	5638229				po,py,cpy	25	
180704	47481	346565	5638229						
180704	47482	346565	5638229						
180704	47483	346565	5638229						
180704	47484	346565	5638229				po,py,cpy	1	disseminated
190704	47485	347031	5637610			norite	po,py,cpy	1	disseminated
190704	47486	347031	5637610				po,py,cpy	1	blebby
190704	47487	347003	5637564			anorthosite,megacrystic	po,py,cpy	1	disseminated
190704	47488	346993	5637555		fg-mg	gabbro	po,py,cpy	tr	disseminated
190704	47489	347012	5637528			dyke,mafic	po,py,cpy	25	semi-massive
190704	47490	346215	5637564			gneiss			
210704	47491	344831	5640497			gabbro	po,py,cpy	10	blebby
210704	47492	344835	5640519		mg-cg	pyroxenite	po,py,cpy	5	disseminated
210704	47493	344828	5640524			gossan	po,py,cpy	5	disseminated
210704	47494	344828	5640524			gossan	po,py,cpy	1	disseminated
210704	47495	345112	5640245			gabbro			
210704	47496	345321	5640099			gabbro	po,py,cpy	25	semi-massive
210704	47497	345382	5640095		fg-mg	gabbro	po,py,cpy	5	blebby
210704	47498	345382	5640095		cg	norite	po,py,cpy	5	blebby
210704	47499	346029	5639739			gabbro	po,py,cpy	5	blebby
220704	47500	350256	5635890			melanogabbro	po,py,cpy	msv	
220704	47501	350305	5635895		mg-cg	gabbro	po,py,cpy	5	
220704	47502	350244	5636380		fg-mg	melanogabbro	po,py,cpy	2	disseminated
220704	47503	350244	5636380		mg-cg	gabbro			
220704	47504	350244	5636380		fg-mg	melanogabbro	po,py,cpy	5	disseminated
220704	47505	350244	5636380		fg	gabbro	po,py,cpy	5	
220704	47506	349656	5636083		mg	gabbro	po,py,cpy	5	disseminated
220704	47507	349762	5635567		fg-mg	gabbro	po,py,cpy	tr	disseminated
230704	47508	348693	5635687		mg	gabbro		nv	
230704	47509	348693	5635687		mg	gabbro			

Date	Sample	Notes
160704	47457	MASSIVE SULPHIDE
160704	47458	MASSIVE SULPHIDE, OLD SAMPLE 705712
160704	47459	MASSIVE SULPHIDE
170704	47460	
170704	47461	MAGNETIC
170704	47462	
180704	47463	fault 60 parallel to creek, between contact
180704	47464	
180704	47465	HANGING WALL 24m from 47464, disseminated sulphide in felsic matrix
180704	47466	HANGING WALL
180704	47467	weak gossan patches
180704	47468	weak gossan patches
180704	47469	weak gossan patches
180704	47470	weak gossan patches, several on strike
180704	47471	magnetic
180704	47472	old sample 8800ft, gossan slope
180704	47473	source?
180704	47474	source/high on hill
180704	47475	source?
180704	47476	old sample 86705
180704	47477	core 776275, hole sarah sa98-01 box 4, eoh 116feet
180704	47478	core 776270, run marker 40 feet, hole?
180704	47479	core 776266
180704	47480	core 776263
180704	47481	core 776280, sa 98-02, box 2, eoh 64 feet
180704	47482	core 776281, sa 98-02, box 2, 40 feet
180704	47483	core 776282, sa 98-02, box 2, 55 feet
180704	47484	core 776283, sa 98-02, box 2, eoh 64 feet
190704	47485	
190704	47486	adjacent to fine grained mafic dyke (diabase?) moderately magnetic
190704	47487	heavy gossan
190704	47488	weak gossan
190704	47489	heavy gossan, 330 degrees azi, dip 80 degrees, dyke 3 inches wide
190704	47490	striking 178, 90 w
210704	47491	heavy gossan
210704	47492	moderate gossan
210704	47493	
210704	47494	strong gossan, local coarse grain clots to veinlets of pyrite
210704	47495	moderate gossan, copper tarnish, red green blue
210704	47496	medium gossan, copper tarnish
210704	47497	red garnets and greenish mafic maybe actinolite, veinlets and clusters of po and py
210704	47498	strongly magnetic and bluish greenish tarnish, 80% mafic
210704	47499	coarse grained magnetite riming mafic phenocrysts, blast sample no massive sulphide in otc
220704	47500	weak to strong gossan, red, purple, blue, green tarnish
220704	47501	weathered rubble -weak shear 136 degrees
220704	47502	purple, green, blue tarnish noted, old flagging with sample #s 86706, 08 indicated
220704	47503	roygbv tarnish noted
220704	47504	heavy gossan, weak to moderately magnetic
220704	47505	2 meters of channel in this??
220704	47506	tree base in blow down, cu tarnish, 60% mafic
220704	47507	weak to moderate gossan, east side of pond, 40% mafic
230704	47508	mod. Magnetic
230704	47509	blast rubble pile sample, weak garnet rims, gossan az. 196 degrees

Date	Sample	Easting	Northing	Photo	Grain Size	Rock Type	VS	VS%	VS Description
230704	47510	348729	5635679		mg	gabbro			
230704	47511	348874	5635733		cg	gabbro			
230704	47512	348896	5635772		cg	gabbro			
230704	47513	348897	5636398		fg-mg	gabbro			
230704	47514	348713	5636844		mg	gabbro			
240704	47515	355004	5634200		cg	gabbro			
240704	47516	355084	5634244		cg	gabbro			
240704	47517	355021	5634190		fg	gabbro			
240704	47518	355021	5634190		cg	granite			
250704	47519	358148	5635528		mg	gabbro			
290704	47520	343400	5643097		mg	pyroxenite	po,py,cpy	1	blebby
300704	47521	344640	5642776		mg	norite,megacrystic	po,py,cpy	tr	fracture filled
300704	47522	343984	5642493						
300704	47523	343854	5642410		fg	pyroxenite			
310704	47524	350489	5650871		fg	pyroxenite			
310704	47525	350489	5650871		fg	pyroxenite			
310704	47526	350468	5650865		cg	pyroxenite			
310704	47527	350468	5650877	F1000013	cg	pyroxenite			
310704	47528	350468	5650877	F1000013	cg	pyroxenite			
310704	47529	350468	5650877	F1000013	cg	pyroxenite	po,py,cpy	tr	disseminated
20804	47530	351491	5651211	F1000015	fg	dyke,mafic			
20804	47531	346976	5649729	F1000017	cg	pyroxenite			
20804	47532	347001	5650015		fg	norite			
20804	47533	347006	5650130		mg	norite			
20804	47534	347016	5650236		mg	norite			
20804	47535	347021	5650335		fg-mg	pyroxenite			
20804	47536	347156	5650498		fg	pyroxenite			
020804	47537	344523	5641436						
020804	47538	344525	5641438		cg	pyroxenite			
020804	47539	344536	5641448		peg	pyroxenite	po,py,cpy	15	interstitial
020804	47540	344533	5641447		cg	pyroxenite	po,py,cpy	15	interstitial
20804	47541	344592	5641325		mg-cg	pyroxenite			
020804	47542	344592	5641326	0085-91	peg	pyroxenite	po,py,cpy	msv	net textured
020804	47543	344592	5641326		peg	pyroxenite	po,py,cpy	msv	net textured
020804	47544	344592	5641326		cg	pyroxenite	po,py,cpy	msv	net textured
30804	47545	343706	5643235		fg	melanogabbro			
30804	47546	343416	5643425		mg	norite			
30804	47547	344423	5641415		fg	norite			
30804	47548	344398	5641383		mg	norite			
30804	47549	344391	5641362		mg	norite			
30804	47550	344341	5641360		mg	norite			
240704	47551	352898	5634463		mg	granite			
240704	47552	352817	5634130		cg	norite			
240704	47553	352611	5633887			gneiss	po,py,cpy	tr	disseminated
250704	47554	359210	5637257			leucogabbro			
250704	47555	359094	5636166			leucogabbro			
280704	47556	342941	5643743		fg	gabbro	po,py,cpy	tr	disseminated
280704	47557	343238	5643827			gabbro			
280704	47558	343829	5643670		cg	norite		nv	
280704	47559	343863	5643643		mg-cg	pyroxenite	po,py,cpy	2	disseminated
280704	47560	343809	5643540						
290704	47561	343371	5643112		mg	pyroxenite			
310704	47562	348504	5650492	100-0031	peg	norite	po,py,cpy	tr	disseminated

Date	Sample	Notes
230704	47510	garnet rimming mafics,
230704	47511	garnet rimming mafics, greenish amphibole - actinolite?
230704	47512	moderate gossan
230704	47513	
230704	47514	
240704	47515	30% quartz, 20% mafics,+/- biotite, Na feldspar
240704	47516	weathered outcrop, moderate to strong gossan
240704	47517	55 % mafic
240704	47518	in contact with sn 47517
250704	47519	metagabbro - has disseminated red garnets less than 2 cm, weak gossan, blue-green-red tarnish noted
280704	47520	magnetite 10%, possibly olivine
300704	47521	
300704	47522	
300704	47523	
310704	47524	pit flat surface, strong gossan, 4ftx4ft, 18 inches deep, not blasted
310704	47525	2nd pit - 3 meters away, as above, red-blue-green tarnish noted on cg pyroxene xtl, 3 more pits around - trend linear from gps az. 30.
310704	47526	massive gossan.
310704	47527	grab of leftover channel pieces from whole trench,
310704	47528	old flag data 370-00-07-11-01, 92-00-116
310704	47529	5th pit to west - 5 meters, also channelled 2.5 m south to north, on smooth surface, old flag data - 370-00-07-01 BL 50N/35m/280degrees
20804	47530	in mafic foliated metagabbro, photo
20804	47531	20 cm pyx, anorthosite and cg pyroxenite
20804	47532	weak to moderate magnetic, +/- greenish feldspar, sugary quartz, fine wispy mafics
20804	47533	mod. Gossan, elev 605
20804	47534	weak gossan, rep
20804	47535	strong gossan rubble, rep
20804	47536	strong magnetic, mag hi location
020804	47537	
020804	47538	
020804	47539	cg pyroxenite, in irregular contact with cg norite
020804	47540	pyrox in contact with cg norite
20804	47541	net texture zone with dave - see slight net texture
020804	47542	peg pyroxenite in irregular contact with gabbro norite which is transitional to massive anorthosite. Sulphide occurs as msv net textured to disseminated in peg pyroxenite
020804	47543	
020804	47544	
30804	47545	rep
30804	47546	rep, greenish feldspar, weak magnetic
30804	47547	rep
30804	47548	tree base, moderate to strong gossan, weathered
30804	47549	thread sulphide fracture filling, elev 600
30804	47550	
240704	47551	appears granitic weak fol
240704	47552	
240704	47553	banded gneiss, at base of hill
250704	47554	leucogabbro/with garnet porphyroblasts
250704	47555	msv no garnets
280704	47556	garnet, magnetite, gabbro? 60% pyrox and mag clots, +/- amphibole, up to 10% magnetite, unit 1e? 35% felsic interstitial which consists of 1mm garnet and interstitial plag +/- ksp
280704	47557	possible intrusive
280704	47558	
280704	47559	medium gossan zone, good rusty patches
280704	47560	
280704	47561	local area of more gabbroic composition, rubly etc, magnetite
310704	47562	pegmatitic pyx 15% per dark green, in matrix of mg felsic comp, 40% plag 20% qtz no foliation mafic minerals show good 90/90 clea

Date	Sample	Easting	Northing	Photo	Grain Size	Rock Type	VS	VS%	VS Description
310704	47563	348378	5650538	0032-34	peg	norite	po,py,cpy	tr	disseminated
310704	47564	348375	5650536		peg	norite			
310704	47565	348836	5651024		variable	norite	po,py,cpy	5	blebby
310704	47566	348836	5651024			norite			
310704	47567	348843	5651025	0035-38	mg	pyroxenite			
310704	47568	349017	5651161		mg	quartzofeldspathic gneiss	po,py,cpy	tr	disseminated
310704	47569	347761	5650038	0040	peg	norite			
310704	47570	347622	5650272		variable	norite	po,py,cpy	2	blebby
310704	47571	347644	5650363		mg	norite,layered	po,py,cpy	1	disseminated
310704	47572	347586	5650800		mg	norite	po,py,cpy	tr	disseminated
020804	47573	346527	5649966		mg	norite			
040804	47574	343654	5641743		mg	metagabbro	po,py,cpy	tr	disseminated
040804	47575	344119	5641816	0128		metagabbro			
040804	47576	344130	5641787		fg	pyroxenite			
040804	47577	344217	5641791		cg	norite,megacrystic	po,py,cpy	tr	blebby
050804	47578	345918	5647590			dyke,felsic			
050804	47579	344810	5647535		mg	metagabbro	po,py,cpy	po,py	disseminated
050804	47580	344808	5647538		mg	pyroxenite	po,py,cpy	1	disseminated
060804	47581	345844	5647143		mg	leuconorite,megacrystic	po,py,cpy	tr	disseminated
060804	47582	345649	5647063	101-0168	mg	leuconorite,megacrystic	po,py,cpy	tr	fracture filled
30804	47601	344589	5641554		mg	gabbro			
30804	47602	344583	5641501		fg	pyroxenite			
30804	47603	344699	5641373		mg	norite			
50804	47604	346561	5649862		mg	norite			
50804	47605	346522	5649836		fg	pyroxenite			
50804	47606	345309	5648971		fg-mg	norite,layered			
50804	47607	345484	5648949		mg	metagabbro	po,py,cpy	1	blebby
50804	47608	345471	5648914		mg	gneiss			
50804	47609	345492	5648904		fg-mg	pyroxenite			
50804	47610	345698	5648653		fg	pyroxenite			
70804	47611	345907	5646742		fg-mg	norite			
70804	47612	345735	5646679		fg-mg	pyroxenite	po,py,cpy	tr	fracture filled

Date	Sample	Notes
310704	47563	pegmatitic pyx patches 40per, in felsic Qtz+plag 60, small rusty patches in more mafic material. Pictures of modal layering, changing grainsize from pegmatitic to medium grained.
310704	47564	same as 47563
310704	47565	vary textured from peg mafics in mg felsic Qtz and plag matrix, to mg norite. Sulphide zone is small pod like w up to 5per sulphides
310704	47566	off otc from 47565, boulder
310704	47567	pyroxenite layer? in contact w layered pyx30, mag5, garnet5, felsic60 Qtz and plag
310704	47568	banded feldspathic gneiss, mineralization occurs within the more mafic bands. Also contains magnetite
310704	47569	pegmatitic pyx dark green with garnet rims, felsic matrix 60per is plag and Qtz
310704	47570	pegmatitic norite with lrg irregular pyx phenos 20per felsic matrix is mg with 40per plag 10per Qtz, also 1-5cm plag xenocrysts, Yann
310704	47571	subtle layering of mafic mineral 15per, 85per felsic Qtz and plag, medium grained non magnetic. Small rusty patch with trace sulphides.
310704	47572	
020804	47573	60per plag, less than 5per Qtz, pyx is both dark green to black 5per and light brown
040804	47574	mg metagabbro with 5per garnet and magnetite, weak mag
040804	47575	foliated garnet bearing gabbro, with occasional layers of quartzofeldspathic gneiss, appears to be layered series but felsic layers are granitic
040804	47576	fg pyroxenite layer or pod, within a mg garnet bearing gabbro, area seems to be still in fw but presence of pyrox suggests otherwise
040804	47577	cg irregular pyx xtals, in mg felsic matrix of Qtz and plag, 1-6cm plag xenocrysts
050804	47578	sample is a fg mafic clast, no sulphides, felspar pheric granitic dyke
050804	47579	garnet bearing, locally with narrow pyx dyke with trace sulphides
050804	47580	narrow dykes of pyx in weakly foliated garnet bearing gabbro, 15% garnet, gabbro is 50/50 felsic mafic.
060804	47581	cg norite with xenocrystic plag 1-5cm, disseminated sulphide around pyx
060804	47582	dominantly mg leuconorite, with occ cg pyroxene patches, plag xenos are 1-5cm
30804	47601	weak gossan, with cg plag to 1cm,
30804	47602	moderate gossan in norite
30804	47603	with 1cm plag, 1 cm pyx with garnet rims
50804	47604	local weak gossan, rusty color to felsic component - weathered, rep
50804	47605	local weak gossan, strong magnetic
50804	47606	weathered, weak to moderate local gossan, fine linear mafics, layered gabbro norite - gneiss
50804	47607	local weak to moderate gossan, prominent 1mm fgd garnets
50804	47608	mafic band in layered foliated oc, dips SE, az 348, strongly magnetic
50804	47609	strong boronite tarnish, rep, local mod-strong gossan
50804	47610	weak to moderate local gossan, previously broken rock, rep
70804	47611	rep, with 2cm linear chloritic mafic clots
70804	47612	with fine grained disseminated garnets, intermittent strong magnetic surface, valley hillcrest, rep

APPENDIX 3 – Assay Listing

Analysis Unit	Au ppb	Pt ppb	Pd ppb	3E ppb	Be ppm	Na %	Mg %	Al %	P %	K %	Ca %	Sc ppm	Ti %	V ppm	Cr ppm	Mn ppm	Fe %	Co ppm	Ni ppm	Ni %	Cu ppm	Cu %
47301	<1	<10	2	2	<0.5	0.23	0.57	1.51	<0.01	0.08	0.94	<0.5	0.02	3	87	99	0.91	11	50	0.01	9.4	0.001
47302	<1	<10	1	1	<0.5	0.22	0.47	1.18	<0.01	0.08	1.03	1.9	0.05	19	114	119	1.11	8	31	0.00	22.1	0.002
47303	4	<10	<1	4	<0.5	0.61	0.14	2.64	0.01	0.06	1.59	<0.5	0.03	4	62	34	0.4	3	10	0.00	5.7	0.001
47304	269	328	13	610	<0.5	0.03	0.79	0.24	<0.01	0.02	0.11	5.5	0.02	26	84	221	13.49	466	1790	0.18	17900	1.790
47305	3	<10	3	6	<0.5	0.03	0.32	0.11	0.01	0.02	0.17	3.3	0.04	13	75	90	3.38	82	325	0.03	488.7	0.049
47306	4	<10	2	6	<0.5	0.02	0.42	0.07	0.02	0.01	0.13	3.3	0.03	20	104	131	3.11	84	321	0.03	717.5	0.072
47307	26	20	5	51	<0.5	0.02	0.38	0.13	<0.01	<0.01	0.14	2.5	0.04	22	82	143	7.86	152	795	0.08	12800	1.280
47308	23	<10	3	26	<0.5	0.02	0.42	0.12	0.04	0.02	0.22	3.1	0.04	45	155	144	2.95	60	192	0.02	307.3	0.031
47309	11	<10	3	14	<0.5	0.01	0.41	0.12	0.04	0.01	0.21	3	0.03	39	143	133	2.69	53	162	0.02	258.3	0.026
47310	2	<10	<1	2	<0.5	0.34	0.19	1.74	0.02	0.07	0.96	0.6	0.02	10	65	44	0.88	6	13	0.00	84.9	0.008
47311	2	19	45	66	<0.5	0.44	0.45	2.55	<0.01	0.07	1.46	<0.5	0.02	6	85	70	0.81	10	57	0.01	52.4	0.005
47312	<1	<10	1	1	<0.5	0.33	0.18	1.63	<0.01	0.08	0.86	<0.5	0.01	3	98	48	0.42	3	12	0.00	13.3	0.001
47313	10	28	55	93	<0.5	0.41	0.3	2.07	<0.01	0.07	1.07	<0.5	0.02	4	81	41	1.41	18	245	0.02	339	0.034
47314	3	<10	7	10	<0.5	0.69	0.18	3.66	<0.01	0.06	2.01	<0.5	0.02	3	101	33	0.93	13	137	0.01	271.1	0.027
47315	4	15	8	27	<0.5	0.45	0.13	2.04	<0.01	0.06	1.1	<0.5	0.01	3	69	32	0.97	18	187	0.02	271.4	0.027
47316	4	<10	3	7	<0.5	0.16	0.33	0.98	<0.01	0.05	0.33	1.6	0.03	10	83	34	4.46	16	56	0.01	607.4	0.061
47317	77	193	344	614	<0.5	0.01	0.13	0.08	<0.01	<0.01	0.06	0.8	<0.01	9	46	33	14.57	502	4090	0.41	6889.9	0.689
47318	7	30	15	52	<0.5	0.02	0.25	0.17	<0.01	0.02	0.1	1.5	0.02	9	113	66	1.79	12	66	0.01	473.9	0.047
47319	3	<10	3	6	<0.5	0.19	0.53	1.14	<0.01	0.09	0.57	1.5	0.04	14	121	93	1.55	22	93	0.01	186.8	0.019
47320	<1	<10	1	1	<0.5	0.17	0.36	0.9	0.02	0.08	0.72	0.9	0.01	9	82	103	0.83	8	20	0.00	37.1	0.004
47321	<1	<10	<1	0	<0.5	0.38	0.38	2.02	<0.01	0.07	1.25	1	0.03	9	139	94	0.83	6	29	0.00	11.7	0.001
47322	<1	<10	<1	0	<0.5	0.27	0.26	1.2	<0.01	0.06	0.72	1.4	0.02	7	76	85	0.52	6	20	0.00	15.8	0.002
47323	4	<10	2	6	<0.5	0.27	0.46	1.33	<0.01	0.08	1.04	2.7	0.03	16	150	131	1.68	29	249	0.02	428.8	0.043
47324	10	<10	5	15	<0.5	0.21	0.35	0.95	<0.01	0.06	0.48	2.1	0.03	12	100	54	1.78	33	235	0.02	559.5	0.056
47325	5	<10	3	8	<0.5	0.19	0.61	0.95	<0.01	0.05	0.54	1.9	0.02	8	159	128	3.07	49	260	0.03	516.8	0.052
47326	8	<10	4	12	<0.5	0.12	0.55	0.67	<0.01	0.04	0.38	1.8	0.02	8	65	94	4.26	96	476	0.05	2027.2	0.203
47327	8	<10	3	11	<0.5	<0.01	0.4	0.07	<0.01	0.01	0.12	2.8	0.02	12	69	138	4.02	94	439	0.04	1345.4	0.135
47328	5	<10	4	9	<0.5	<0.01	0.38	0.07	<0.01	0.02	0.12	2.7	0.02	10	71	116	3.31	97	466	0.05	610.5	0.061
47329	2	25	<1	27	<0.5	0.21	0.32	0.89	<0.01	0.05	0.49	2	0.03	10	129	80	1.62	31	158	0.02	155	0.016
47330	5	<10	8	13	<0.5	0.1	0.3	0.52	<0.01	0.03	0.26	1.9	0.02	9	76	67	4.4	227	743	0.07	681.9	0.068
47331	4	<10	2	6	<0.5	0.05	0.41	0.25	<0.01	0.02	0.16	3	0.03	10	144	107	2.74	68	314	0.03	447.1	0.045
47332	9	<10	9	18	<0.5	0.01	0.23	0.09	<0.01	<0.01	0.07	2	0.02	9	70	60	5.09	198	880	0.09	1531.2	0.153
47333	3	<10	5	8	<0.5	0.01	0.29	0.07	<0.01	<0.01	0.08	2.7	0.02	10	93	78	3.33	95	426	0.04	745.5	0.075
47334	4	<10	3	7	<0.5	0.02	0.32	0.08	<0.01	0.01	0.09	1.9	0.02	8	79	91	2.45	72	311	0.03	354.3	0.035
47335	4	24	2	30	<0.5	0.02	0.25	0.09	<0.01	0.01	0.07	2	0.02	7	49	62	2.51	69	301	0.03	443.6	0.044
47336	15	23	2	40	<0.5	<0.01	0.2	0.05	<0.01	<0.01	0.06	1.5	0.02	14	51	67	9.73	57	250	0.03	592.4	0.059
47337	4	<10	4	8	<0.5	<0.01	0.3	0.06	<0.01	<0.01	0.06	2.1	0.03	14	114	105	14.26	171	921	0.09	3069.2	0.307
47338	19	15	23	57	<0.5	0.02	0.26	0.1	<0.01	0.02	0.08	2	0.02	11	84	68	12.81	529	1940	0.19	2723.7	0.272
47339	8	38	16	62	<0.5	0.01	0.24	0.06	<0.01	0.02	0.06	2.2	0.03	9	79	58	9.45	354	1740	0.17	2561.2	0.256
47340	7	23	4	34	<0.5	0.01	0.28	0.06	<0.01	0.01	0.07	2.5	0.02	9	64	68	7.38	228	1200	0.12	2721.4	0.272
47341	21	<10	5	26	<0.5	0.01	0.26	0.08	<0.01	0.01	0.07	1.9	0.02	10	78	71	>15	749	2450	0.25	1364.9	0.136
47342	4	11	19	34	<0.5	0.02	0.24	0.13	<0.01	0.01	0.09	1.9	0.02	8	61	58	3.22	63	291	0.03	2559.2	0.256
47343	59	10	12	81	<0.5	0.02	0.33	0.11	<0.01	0.01	0.08	2.7	0.02	15	75	74	>15	528	2550	0.26	9327.4	0.933
47344	17	<10	6	23	<0.5	0.03	0.32	0.2	<0.01	0.03	0.12	2.5	0.04	15	57	94	10.94	258	1300	0.13	2683.1	0.268
47345	15	37	24	76	<0.5	0.02	0.25	0.13	0.01	0.02	0.07	2.7	0.02	12	91	70	>15	633	2970	0.30	2572	0.257
47346	16	319	30	365	<0.5	0.01	0.23	0.11	0.02	0.02	0.05	2.9	0.02	13	83	59	>15	696	3290	0.33	4939.9	0.494
47347	11	<10	1	12	<0.5	0.02	0.33	0.09	<0.01	0.01	0.1	2.6	0.03	10	125	98	3.25	64	292	0.03	966	0.097

Analysis Unit	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	S
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
47301	9.9	<3	50	<0.5	1	2	0.3	<1	<10	<5	19	<0.5	<10	<2	<5	3	0.03
47302	12	<3	36.9	1	1.6	<1	0.2	<1	<10	<5	32	<0.5	<10	<2	<5	6	0.04
47303	4.3	<3	107.8	0.7	<0.5	2	<0.2	<1	<10	<5	19	0.8	<10	<2	<5	3	0.01
47304	142.6	<3	2.4	1.1	7.9	<1	1.1	<1	<10	6	6	<0.5	43	6	7	2	>5
47305	11.3	<3	2.5	1.8	2.6	1	0.5	<1	<10	<5	8	<0.5	<10	<2	<5	<1	1.73
47306	18.3	<3	0.9	1.4	2.1	<1	0.4	<1	<10	<5	<1	<0.5	<10	<2	<5	<1	1.4
47307	50.3	<3	3.1	1	4.8	1	0.7	<1	<10	<5	4	<0.5	24	3	<5	1	4.99
47308	16.6	<3	2.3	2.4	2.8	<1	0.4	<1	<10	<5	5	0.6	<10	<2	<5	<1	0.93
47309	15.1	<3	2.2	2.2	1.8	<1	0.2	<1	<10	<5	5	1	<10	<2	<5	<1	0.79
47310	5.2	<3	63.6	0.9	0.7	2	0.4	<1	<10	<5	31	0.9	<10	<2	<5	4	0.13
47311	10.5	<3	101	<0.5	1	2	<0.2	<1	<10	<5	22	<0.5	<10	<2	<5	9	0.05
47312	3	<3	87.8	0.5	0.9	<1	<0.2	<1	<10	<5	18	0.7	<10	<2	<5	13	0.02
47313	6.3	<3	76.8	<0.5	1.6	2	<0.2	<1	<10	<5	20	<0.5	<10	<2	<5	1	0.29
47314	4.8	<3	114.2	<0.5	1.3	<1	0.4	<1	<10	<5	18	1	<10	2	<5	4	0.2
47315	4.3	<3	79.3	<0.5	0.8	2	0.4	<1	<10	<5	14	<0.5	<10	<2	<5	4	0.36
47316	7.8	<3	25.1	<0.5	2.9	<1	0.8	<1	<10	<5	21	<0.5	12	<2	<5	2	0.29
47317	24.6	<3	1.3	1.3	8.4	3	1.1	<1	<10	10	<1	<0.5	46	3	<5	<1	>5
47318	10.8	<3	3	2	1.4	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1	0.14
47319	9.4	<3	28.4	0.8	2.3	2	<0.2	<1	<10	<5	30	<0.5	<10	<2	<5	3	0.17
47320	10.2	<3	30.7	0.6	0.6	<1	<0.2	<1	<10	<5	28	1.3	<10	<2	<5	6	0.07
47321	8.8	<3	75.1	0.8	1.4	<1	<0.2	<1	<10	<5	26	0.7	<10	<2	<5	8	0.02
47322	6.2	<3	46	<0.5	1.1	<1	0.4	<1	<10	<5	22	0.5	<10	<2	<5	2	0.03
47323	9.2	<3	41.9	0.9	1.8	<1	0.3	<1	<10	<5	27	<0.5	<10	<2	<5	5	0.56
47324	8.9	<3	28.1	0.5	1.9	<1	0.3	<1	<10	<5	25	<0.5	<10	<2	<5	2	0.67
47325	16.6	<3	29.5	0.6	2.2	<1	0.5	<1	<10	<5	23	<0.5	<10	2	<5	3	0.79
47326	19.8	<3	18.7	0.5	2.8	<1	0.5	<1	<10	<5	21	<0.5	11	<2	<5	2	2.22
47327	16.8	<3	0.9	0.9	2.6	<1	0.5	<1	<10	<5	9	<0.5	<10	<2	<5	<1	2.14
47328	15.6	<3	0.8	0.9	2.4	<1	0.3	<1	<10	<5	10	<0.5	<10	<2	<5	<1	1.91
47329	8.1	<3	31.7	0.7	1.2	<1	<0.2	<1	<10	<5	26	<0.5	<10	<2	<5	2	0.43
47330	13.9	<3	15.4	0.7	3.1	<1	0.6	<1	<10	<5	19	<0.5	12	<2	<5	2	2.24
47331	14.6	<3	6.9	0.8	2.1	<1	0.3	<1	<10	<5	7	<0.5	<10	<2	<5	1	1.02
47332	12.9	<3	1.6	0.6	3.2	<1	0.6	<1	<10	<5	3	<0.5	12	<2	<5	<1	3.02
47333	10.8	<3	0.9	0.8	2.6	<1	<0.2	<1	<10	<5	9	<0.5	<10	<2	<5	<1	1.41
47334	10.4	<3	1.7	0.6	2.2	<1	0.4	<1	<10	<5	2	<0.5	<10	<2	<5	<1	1.15
47335	9.2	<3	1.6	0.6	2	<1	0.8	<1	<10	<5	<1	<0.5	<10	<2	<5	<1	1.1
47336	11	<3	0.7	0.6	6.1	<1	1.2	<1	<10	7	<1	<0.5	30	<2	<5	<1	1.23
47337	21.9	<3	0.7	0.5	8.8	<1	2.1	<1	<10	9	<1	<0.5	44	<2	<5	<1	>5
47338	17.4	<3	1.7	0.6	8	<1	1.7	<1	<10	7	6	<0.5	37	<2	<5	1	>5
47339	16.4	<3	0.7	0.6	5.9	<1	1.3	<1	<10	7	5	<0.5	29	<2	<5	<1	>5
47340	17.5	<3	0.6	0.7	4.9	<1	0.8	<1	<10	<5	3	<0.5	23	3	<5	1	>5
47341	18.7	<3	1.5	0.6	10.4	<1	2.3	<1	<10	7	3	<0.5	55	<2	<5	<1	>5
47342	10.5	<3	3.4	0.5	2.4	<1	0.4	<1	<10	<5	3	<0.5	<10	<2	<5	<1	2.22
47343	38.8	<3	1.9	0.8	12.1	<1	2.4	<1	<10	13	7	<0.5	66	<2	6	<1	>5
47344	20.1	3	4.6	0.9	6.8	<1	1	<1	<10	<5	19	<0.5	35	<2	<5	<1	>5
47345	16.5	<3	2.4	0.8	2.6	<1	0.8	<1	<10	<5	15	<0.5	<10	15	<5	<1	>5
47346	31.8	<3	1.4	0.8	2.4	1	1.1	1	<10	<5	18	<0.5	<10	15	<5	<1	>5
47347	15.2	<3	1.8	0.8	1.6	<1	0.3	<1	<10	<5	19	<0.5	<10	2	<5	<1	1.41

Analysis Unit	Au	Pt	Pd	3E	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Ni	Cu	Cu
	ppb	ppb	ppb	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
47348	<1	<10	<1	0	<0.5	0.04	0.46	0.23	<0.01	0.02	0.21	3.3	0.04	18	112	167	1.76	36	129	0.01	134.4	0.013
47349	<1	<10	<1	0	<0.5	0.02	0.35	0.17	0.06	0.01	0.25	3	0.02	13	93	102	2.04	57	205	0.02	239.8	0.024
47350	<1	<10	<1	0	<0.5	0.03	0.41	0.22	<0.01	0.01	0.17	3.6	0.06	23	119	129	2.07	42	131	0.01	156.3	0.016
47351	<1	<10	<1	0	<0.5	0.43	0.55	2.46	<0.01	0.1	1.34	1.1	0.02	3	106	87	0.8	11	56	0.01	10.5	0.001
47352	<1	<10	1	1	<0.5	0.43	0.51	2.5	<0.01	0.1	1.36	<0.5	0.02	3	101	82	0.77	13	64	0.01	13.8	0.001
47353	<1	<10	<1	0	<0.5	0.42	0.51	2.42	<0.01	0.09	1.31	0.6	0.02	4	93	95	0.79	10	41	0.00	14.7	0.001
47354	<1	<10	<1	0	<0.5	0.42	0.44	2.34	<0.01	0.08	1.3	0.6	0.02	4	94	87	0.71	9	43	0.00	12.3	0.001
47355	<1	<10	<1	0	<0.5	0.41	0.44	2.01	<0.01	0.09	1.12	1.2	0.03	7	91	76	0.83	7	28	0.00	8.8	0.001
47356A	<1	<10	<1	0	<0.5	0.31	0.23	1.61	<0.01	0.05	0.83	0.7	0.02	6	84	70	1.44	8	33	0.00	204.8	0.020
47356B	<1	<10	<1	0	<0.5	0.24	0.18	1.25	<0.01	0.05	0.7	<0.5	<0.01	3	40	54	0.6	1	6	0.00	11.9	0.001
47357	<1	<10	<1	0	<0.5	0.26	0.2	1.32	<0.01	0.04	0.76	<0.5	<0.01	3	58	59	0.52	2	7	0.00	5.3	0.001
47358	<1	<10	<1	0	<0.5	0.24	0.25	1.3	<0.01	0.05	0.74	<0.5	<0.01	3	38	56	0.49	2	6	0.00	2.9	0.000
47359	<1	<10	<1	0	<0.5	0.35	0.25	1.63	<0.01	0.05	1	<0.5	0.01	4	83	54	0.49	3	9	0.00	5	0.001
47360	<1	<10	<1	0	<0.5	0.26	0.25	1.28	<0.01	0.04	0.78	<0.5	0.01	3	38	46	0.44	3	10	0.00	6.4	0.001
47361	<1	<10	<1	0	<0.5	0.06	0.45	0.3	<0.01	0.02	0.25	3.5	0.04	20	101	179	1.51	29	97	0.01	93	0.009
47362	<1	<10	<1	0	<0.5	0.03	0.42	0.18	<0.01	0.01	0.19	2.9	0.04	23	111	163	1.86	46	172	0.02	186.7	0.019
47363	<1	<10	<1	0	<0.5	0.12	0.49	0.64	<0.01	0.04	0.44	3.3	0.04	14	93	177	1.68	36	151	0.02	145.3	0.015
47364	<1	<10	1	1	<0.5	0.54	0.41	3.09	<0.01	0.08	1.94	1.2	0.03	7	80	89	0.64	7	33	0.00	6.5	0.001
47365	<1	<10	<1	0	<0.5	0.42	0.5	2.44	<0.01	0.13	1.39	0.7	0.04	7	86	106	0.89	8	32	0.00	8.7	0.001
47366	<1	<10	<1	0	<0.5	0.29	0.25	1.38	<0.01	0.05	0.73	1	0.02	6	81	66	1	5	22	0.00	41.5	0.004
47367	12	<10	3	15	<0.5	0.03	0.2	0.16	<0.01	0.01	0.1	2	0.03	13	70	63	2.45	15	47	0.00	576.2	0.058
47368	1	<10	<1	1	<0.5	0.06	0.41	0.37	0.02	0.04	0.25	3.8	0.07	25	386	135	2.57	22	75	0.01	241.9	0.024
47369	<1	<10	<1	0	<0.5	0.22	0.33	1.12	0.01	0.07	0.56	1.9	0.03	10	72	103	1.07	13	49	0.00	52.4	0.005
47371	2	27	6	35	<0.5	0.06	0.38	0.36	<0.01	0.04	0.21	3.1	0.03	17	169	130	4.04	71	397	0.04	409.6	0.041
47372	10	21	20	51	<0.5	0.04	0.45	0.24	<0.01	0.02	0.17	2.2	0.02	11	75	150	9.83	308	1680	0.17	1463.8	0.146
47373	11	82	15	108	<0.5	0.01	0.41	0.09	<0.01	<0.01	0.09	2.1	0.02	9	129	140	9.97	314	1740	0.17	1291.3	0.129
47374	10	25	30	65	<0.5	0.01	0.27	0.1	0.02	<0.01	0.07	2.2	0.02	9	70	63	14.31	660	2710	0.27	4507.5	0.451
47375	7	11	10	28	<0.5	0.31	0.3	1.43	<0.01	0.09	0.71	1.2	0.03	9	150	52	2	34	260	0.03	604.4	0.060
47376	8	<10	3	11	<0.5	0.31	0.15	1.48	<0.01	0.03	0.72	<0.5	<0.01	3	77	30	1.7	30	257	0.03	611.1	0.061
47377	<1	<10	<1	0	<0.5	0.01	0.48	0.09	<0.01	<0.01	0.13	2.4	0.03	37	135	240	3.02	75	303	0.03	389.2	0.039
47378	8	<10	8	16	<0.5	0.07	0.46	0.32	<0.01	0.01	0.22	3.3	0.05	30	155	98	2.2	57	210	0.02	604	0.060
47379	<1	<10	6	6	<0.5	0.36	0.33	1.75	<0.01	0.11	0.82	1	0.03	11	87	38	1.61	31	291	0.03	671.9	0.067
47380	<1	<10	3	3	<0.5	0.02	0.3	0.14	<0.01	0.01	0.11	2.6	0.04	14	85	59	2.28	19	84	0.01	396.8	0.040
47381	11	<10	8	19	<0.5	0.17	0.4	0.7	0.02	0.05	0.45	2.3	0.04	16	81	84	8.03	237	1910	0.19	4093.6	0.409
47382	15	<10	3	18	<0.5	0.03	0.44	0.13	<0.01	<0.01	0.14	3.2	0.04	15	114	102	2.77	78	82	0.01	758.9	0.076
47383	12	<10	11	23	<0.5	0.02	0.3	0.08	<0.01	<0.01	0.1	2.5	0.03	13	76	66	3.74	148	682	0.07	1000.2	0.100
47384	<1	<10	4	4	<0.5	0.04	0.48	0.19	<0.01	0.02	0.25	4.2	0.08	43	183	126	2.84	49	204	0.02	293.2	0.029
47385	<1	<10	<1	0	<0.5	0.35	0.21	1.67	0.02	0.1	1.06	<0.5	0.02	7	88	47	0.47	3	15	0.00	18.2	0.002
47386	18	41	63	122	<0.5	0.04	0.38	0.21	0.01	0.02	0.14	2.3	0.02	17	95	129	>15	764	3630	0.36	2891.8	0.289
47387	6	99	6	111	<0.5	0.09	0.46	0.74	<0.01	0.09	0.25	2.9	0.05	18	101	57	4.85	46	179	0.02	1426	0.143
47388	2	38	20	60	<0.5	0.1	0.72	0.57	0.03	0.02	0.79	9.2	0.05	82	294	208	2.91	27	96	0.01	1264.2	0.126
47389	9	30	9	48	<0.5	0.01	0.28	0.05	<0.01	<0.01	0.06	2	0.03	10	74	71	3.13	99	472	0.05	1419.1	0.142
47390	3	23	13	39	<0.5	0.01	0.38	0.08	<0.01	<0.01	0.1	2.7	0.03	19	106	89	6.29	224	1090	0.11	1611.4	0.161
47391	<1	11	8	19	<0.5	<0.01	0.28	0.07	<0.01	<0.01	0.07	2.6	0.03	20	90	61	4.52	193	1150	0.12	917.2	0.092
47392	12	40	9	61	<0.5	0.04	0.59	0.24	<0.01	0.01	0.23	4.5	0.04	21	143	119	4.2	122	612	0.06	1176.6	0.118
47393	<1	<10	1	1	<0.5	0.01	0.54	0.08	<0.01	<0.01	0.14	3.1	0.03	18	101	156	2.52	64	283	0.03	322.3	0.032
47394	6	19	6	31	<0.5	<0.01	0.39	0.06	<0.01	<0.01	0.08	2.4	0.02	14	87	104	3.28	88	391	0.04	1110.9	0.111

Analysis Unit	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	S
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
47348	12.8	<3	5.7	1.1	1.4	<1	<0.2	<1	<10	<5	17	<0.5	<10	<2	<5	<1	0.45
47349	12.4	<3	4.4	2.2	1.5	<1	<0.2	<1	<10	<5	18	0.9	<10	<2	<5	<1	0.67
47350	12.5	<3	3.7	1.2	1.6	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1	0.44
47351	8.1	<3	88.5	<0.5	1.6	2	<0.2	<1	<10	<5	45	0.6	<10	<2	<5	3	0.02
47352	8.1	<3	89.6	<0.5	1.5	<1	<0.2	<1	<10	<5	47	0.6	<10	<2	<5	3	0.02
47353	8.6	<3	86.6	<0.5	1.5	<1	<0.2	<1	<10	<5	49	0.9	<10	<2	<5	3	0.02
47354	7.4	<3	87	<0.5	1.5	<1	<0.2	<1	<10	<5	44	1	<10	<2	<5	3	0.02
47355	6.7	<3	70.7	<0.5	2.1	<1	<0.2	<1	<10	<5	62	0.5	<10	<2	<5	2	0.02
47356A	4.9	<3	57.4	<0.5	1.2	2	<0.2	<1	<10	<5	26	0.6	<10	<2	<5	3	0.12
47356B	3.3	<3	41.2	<0.5	0.7	1	<0.2	<1	<10	<5	19	0.6	<10	<2	<5	4	0.01
47357	3.6	<3	44.2	<0.5	0.6	<1	<0.2	<1	<10	<5	15	0.5	<10	<2	<5	4	0.01
47358	3.7	<3	42.1	<0.5	0.6	<1	<0.2	<1	<10	<5	13	<0.5	<10	<2	<5	5	0.01
47359	6.2	<3	57.5	<0.5	0.9	<1	<0.2	<1	<10	<5	17	<0.5	<10	<2	<5	4	0.02
47360	5.7	<3	44.1	<0.5	0.7	<1	<0.2	<1	<10	<5	28	<0.5	<10	<2	<5	3	0.02
47361	12.8	<3	7.9	1.2	1.4	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	1	0.29
47362	12.3	<3	4.6	1	1.3	<1	<0.2	<1	<10	<5	4	<0.5	<10	<2	<5	<1	0.6
47363	11.9	<3	20.5	1.2	1.8	<1	<0.2	<1	<10	<5	19	<0.5	<10	<2	<5	2	0.41
47364	6.2	<3	122	<0.5	1.6	<1	<0.2	<1	<10	<5	52	0.7	<10	<2	<5	3	0.02
47365	11.2	<3	87.8	<0.5	1.4	1	<0.2	<1	<10	<5	72	1	<10	<2	<5	5	0.02
47366	5.7	<3	45.7	<0.5	1.2	2	<0.2	<1	<10	<5	20	<0.5	<10	<2	<5	2	0.02
47367	7	<3	3.4	0.6	1.3	2	<0.2	<1	<10	<5	12	<0.5	<10	<2	<5	<1	0.28
47368	11.4	<3	9.3	1.8	2.8	3	<0.2	<1	<10	<5	29	1.6	<10	<2	<5	<1	0.19
47369	8.8	<3	35.2	1.1	1.2	1	<0.2	<1	<10	<5	29	0.9	<10	<2	<5	4	0.07
47371	8.9	<3	7.8	1	1.6	1	<0.2	<1	<10	<5	12	<0.5	<10	3	<5	<1	0.92
47372	13.9	<3	6.9	0.8	1.5	1	0.5	<1	<10	<5	9	<0.5	<10	8	<5	<1	>5
47373	12.3	<3	1.7	0.7	1.7	1	0.5	<1	<10	<5	<1	<0.5	<10	8	<5	<1	>5
47374	12.4	<3	1.3	0.8	1.8	3	1.1	<1	<10	<5	3	<0.5	<10	14	<5	<1	>5
47375	7.8	<3	44.6	<0.5	1.1	<1	<0.2	<1	<10	<5	23	0.6	<10	<2	<5	2	0.68
47376	3	<3	46.9	<0.5	0.8	2	<0.2	<1	<10	<5	11	<0.5	<10	<2	<5	2	0.6
47377	15	<3	1.4	0.6	0.9	1	<0.2	<1	<10	<5	4	<0.5	<10	2	<5	<1	0.91
47378	10.1	<3	8.6	0.7	1.1	<1	<0.2	<1	<10	<5	6	<0.5	<10	<2	<5	<1	0.66
47379	5.9	<3	53.3	<0.5	0.8	1	0.2	<1	<10	<5	36	<0.5	<10	<2	<5	2	0.53
47380	5.2	<3	1.9	0.7	1.4	1	<0.2	<1	<10	<5	3	<0.5	<10	<2	<5	<1	0.44
47381	29.7	<3	23.9	0.7	1.8	3	0.8	<1	<10	<5	19	<0.5	<10	7	<5	<1	>5
47382	10.1	<3	3	0.8	1.4	1	0.3	<1	<10	<5	4	<0.5	<10	<2	<5	<1	0.9
47383	10.2	<3	0.8	0.9	1.6	2	<0.2	<1	<10	<5	<1	<0.5	<10	3	<5	<1	2.47
47384	12.9	<3	2.9	2.6	2.4	1	<0.2	<1	<10	<5	7	0.5	<10	<2	<5	<1	0.65
47385	7.1	<3	66.4	<0.5	0.7	2	<0.2	<1	<10	<5	19	0.9	<10	<2	<5	6	0.02
47386	21.1	<3	4.9	0.9	2.8	2	0.9	1	<10	<5	6	<0.5	<10	17	<5	1	>5
47387	12.9	<3	10.2	0.5	1.6	2	0.2	<1	<10	<5	44	0.6	<10	3	<5	2	0.58
47388	15.9	<3	13.2	5.6	2.9	1	0.3	<1	<10	<5	6	0.9	<10	2	<5	<1	0.34
47389	18	<3	0.7	<0.5	1.2	1	0.2	<1	<10	<5	3	<0.5	<10	2	<5	<1	1.71
47390	15.8	<3	1.1	0.7	1.4	1	0.5	<1	<10	<5	4	<0.5	<10	5	<5	<1	4.39
47391	15.5	<3	0.6	0.7	1.4	1	0.3	<1	<10	<5	2	<0.5	<10	4	<5	<1	3.47
47392	16.3	<3	3.9	1	1.7	1	0.3	<1	<10	<5	3	<0.5	<10	3	<5	<1	2.03
47393	15.3	<3	1.2	0.7	0.9	1	<0.2	<1	<10	<5	2	<0.5	<10	<2	<5	<1	0.86
47394	14.2	<3	0.8	0.8	0.9	2	0.2	<1	<10	<5	9	<0.5	<10	3	<5	<1	1.45

Analysis Unit	Au ppb	Pt ppb	Pd ppb	3E ppb	Be ppm	Na %	Mg %	Al %	P %	K %	Ca %	Sc ppm	Ti %	V ppm	Cr ppm	Mn ppm	Fe %	Co ppm	Ni ppm	Ni %	Cu ppm	Cu %
47395	3	<10	<1	3	<0.5	0.08	0.42	0.39	<0.01	0.02	0.18	2.9	0.03	16	157	117	2.47	48	184	0.02	280.3	0.028
47396	<1	<10	<1	0	<0.5	<0.01	0.57	0.06	0.03	<0.01	0.2	2.4	<0.01	8	119	243	0.99	9	51	0.01	24.5	0.002
47397	<1	<10	<1	0	<0.5	0.56	0.21	2.34	<0.01	0.07	1.23	<0.5	0.02	4	225	54	0.75	2	12	0.00	7	0.001
47398	<1	<10	<1	0	<0.5	0.04	0.5	0.24	<0.01	0.04	0.3	4.1	0.06	23	155	151	1.5	16	46	0.00	97	0.010
47399	<1	<10	<1	0	<0.5	0.31	0.68	1.79	<0.01	0.21	1.04	0.7	0.04	7	155	118	1.08	12	39	0.00	10.3	0.001
47400	<1	<10	<1	0	<0.5	0.24	0.96	1.87	0.02	0.11	1.33	0.9	0.04	10	59	148	1.44	11	40	0.00	12.2	0.001
47451	<1	<10	2	2	<0.5	0.14	0.62	1.41	<0.01	0.12	0.9	0.7	0.02	7	46	126	1.05	10	25	0.00	14.5	0.001
47452	4	<10	2	6	<0.5	<0.01	0.26	0.05	<0.01	<0.01	0.07	1.9	0.03	24	104	106	3.05	65	293	0.03	392.7	0.039
47453	7	<10	11	18	<0.5	0.01	0.34	0.06	<0.01	<0.01	0.08	2.4	0.02	12	44	113	7.72	169	925	0.09	789.8	0.079
47454	40	69	33	142	<0.5	0.04	0.3	0.39	0.02	0.04	0.15	1.3	0.03	26	66	109	5.91	12	46	0.00	1390.4	0.139
47455	14	36	35	85	<0.5	0.01	0.27	0.09	<0.01	0.02	0.06	2.3	0.01	12	47	65	>15	572	2520	0.25	1502.4	0.150
47456	26	25	22	73	<0.5	<0.01	0.3	0.04	<0.01	<0.01	0.07	1.8	0.02	7	77	135	9.8	225	1170	0.12	3138.7	0.314
47457	47	42	35	124	<0.5	0.02	0.37	0.1	<0.01	0.02	0.16	2.8	0.02	16	79	149	>15	426	2020	0.20	4364.2	0.436
47458	18	<10	10	28	<0.5	0.02	0.43	0.11	<0.01	<0.01	0.13	3.1	0.03	14	83	117	4.95	131	568	0.06	1877.8	0.188
47459	20	<10	3	23	<0.5	0.02	0.31	0.08	<0.01	0.01	0.1	3	0.02	12	84	97	3.48	104	452	0.05	1347.8	0.135
47460	240	79	20	339	<0.5	0.05	1.4	1.47	0.01	0.05	0.27	1.2	0.04	48	100	339	>15	1550	536	0.05	38200	3.820
47461	67	50	5	122	<0.5	0.18	0.34	1.35	0.01	0.08	0.44	0.9	0.01	11	45	159	5.95	183	396	0.04	10800	1.080
47462	223	25	27	275	<0.5	0.05	1.01	1	0.01	0.04	0.22	0.9	0.04	51	117	239	>15	2410	980	0.10	48400	4.840
47463	8	<10	7	15	<0.5	<0.01	0.36	0.05	<0.01	<0.01	0.1	1.9	0.02	10	62	147	8.28	231	1210	0.12	2109.3	0.211
47464	3	<10	4	7	<0.5	0.02	0.38	0.1	<0.01	0.02	0.14	2.2	0.02	15	81	99	2.07	48	162	0.02	329.1	0.033
47465	11	<10	7	18	<0.5	0.01	0.3	0.08	<0.01	<0.01	0.08	1.8	0.02	10	61	103	5.43	161	786	0.08	1527.7	0.153
47466	2	<10	5	7	<0.5	0.01	0.32	0.09	<0.01	<0.01	0.11	2.8	0.03	16	91	99	2.18	65	231	0.02	298.3	0.030
47467	2	<10	4	6	<0.5	0.21	0.29	1.04	<0.01	0.05	0.52	1.7	0.02	12	88	69	1.71	10	52	0.01	171.6	0.017
47468	7	<10	12	19	<0.5	0.03	0.15	0.25	<0.01	0.01	0.08	1.1	0.02	9	48	38	5.7	3	19	0.00	273	0.027
47469	9	13	29	51	<0.5	0.07	0.25	0.47	<0.01	0.06	0.18	1.7	0.02	14	60	44	8.6	25	35	0.00	993.1	0.099
47470	70	<10	55	125	<0.5	0.01	0.11	0.11	<0.01	0.01	0.05	0.8	<0.01	13	48	56	>15	304	111	0.01	9961.8	0.996
47471	5	<10	3	8	<0.5	0.19	0.48	0.94	<0.01	0.09	0.78	1.9	0.03	13	69	179	3.97	98	546	0.05	874.9	0.087
47472	10	19	18	47	<0.5	<0.01	0.2	0.03	<0.01	<0.01	0.05	2	0.02	23	81	59	2.83	9	24	0.00	425.6	0.043
47473	21	260	45	326	<0.5	0.01	0.4	0.04	<0.01	<0.01	0.1	2.1	0.02	16	59	179	10.79	273	1410	0.14	1817.7	0.182
47474	11	19	15	45	<0.5	0.01	0.28	0.06	<0.01	0.01	0.08	2.3	0.02	13	57	99	4.19	106	480	0.05	712.7	0.071
47475	33	45	34	112	<0.5	0.02	0.57	0.16	<0.01	0.02	0.23	3.1	0.04	36	175	233	13.95	419	1480	0.15	3208.1	0.321
47476	21	11	29	61	<0.5	0.01	0.49	0.09	<0.01	0.02	0.14	2.5	0.02	27	109	209	11.99	290	1550	0.16	1381.9	0.138
47477	2	<10	3	5	<0.5	0.3	0.41	1.17	<0.01	0.05	0.79	1.6	0.03	18	130	161	1.5	18	60	0.01	114.1	0.011
47478	12	15	10	37	<0.5	0.04	0.46	0.21	<0.01	0.02	0.3	2.3	0.04	34	114	217	7.73	225	946	0.09	1896.3	0.190
47479	10	19	18	47	<0.5	0.01	0.34	0.07	<0.01	0.01	0.11	2.1	0.02	26	92	149	6.43	162	830	0.08	935.4	0.094
47480	14	74	30	118	<0.5	0.02	0.46	0.07	<0.01	<0.01	0.14	2.6	0.02	15	124	193	8.91	216	1290	0.13	1335	0.134
47481	12	12	14	38	<0.5	0.01	0.35	0.04	<0.01	<0.01	0.1	1.8	0.02	19	75	145	5.79	144	744	0.07	981.9	0.098
47482	11	12	13	36	<0.5	0.01	0.47	0.06	<0.01	<0.01	0.14	2.6	0.02	24	89	188	6.11	149	715	0.07	1029.7	0.103
47483	34	67	81	182	<0.5	0.02	0.29	0.04	<0.01	<0.01	0.07	1.3	0.01	23	85	165	>15	578	3180	0.32	1532.1	0.153
47484	18	<10	<1	18	<0.5	0.03	0.51	0.11	<0.01	0.02	0.19	2.6	0.03	31	137	213	4.59	110	512	0.05	670.4	0.067
47485	2	<10	1	3	<0.5	0.22	0.49	1.02	<0.01	0.09	0.63	1.3	0.01	9	70	79	1.08	17	89	0.01	205.1	0.021
47486	5	<10	2	7	<0.5	0.23	0.1	0.97	<0.01	0.05	0.4	<0.5	0.02	8	86	26	1.59	23	120	0.01	465.4	0.047
47487	1	<10	6	7	<0.5	<0.01	0.25	0.08	<0.01	<0.01	0.06	1.9	0.02	30	73	99	4.37	142	358	0.04	613.4	0.061
47488	26	<10	<1	26	<0.5	0.26	0.68	1.33	<0.01	0.08	0.82	1.9	0.02	37	126	223	3.85	16	39	0.00	1391.5	0.139
47489	2	<10	<1	2	<0.5	0.02	0.35	0.13	<0.01	<0.01	0.17	2.3	0.03	44	100	227	3.35	81	226	0.02	398.3	0.040
47490	1	<10	<1	1	<0.5	0.04	0.5	0.56	<0.01	0.32	0.02	4	0.09	12	172	194	1.56	3	7	0.00	63.1	0.006
47491	3	12	9	24	<0.5	0.1	0.37	0.55	<0.01	0.04	0.22	2.8	0.03	19	180	85	2.95	37	125	0.01	261.7	0.026

Analysis Unit	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	S
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
47395	12.9	<3	9.2	0.6	1.1	<1	<0.2	<1	<10	<5	7	<0.5	<10	<2	<5	1	0.58
47396	18.5	<3	2.1	3.6	0.9	1	<0.2	<1	<10	<5	2	2.5	<10	<2	<5	<1	0.05
47397	4.6	<3	80.6	<0.5	0.9	1	<0.2	<1	<10	<5	27	0.6	<10	<2	<5	3	0.01
47398	21.7	<3	3	1.7	2.6	<1	<0.2	<1	<10	<5	14	1	<10	<2	<5	<1	0.14
47399	13.4	<3	58.5	<0.5	2.1	1	<0.2	<1	<10	<5	84	0.8	<10	<2	<5	1	0.03
47400	18.3	3	63.3	1.2	2.8	1	<0.2	<1	<10	<5	27	0.8	<10	<2	<5	11	0.05
47451	15.6	<3	37.4	0.6	1.1	<1	0.4	<1	<10	<5	41	0.8	<10	<2	<5	7	0.04
47452	15.9	<3	0.9	0.5	1.9	<1	0.5	<1	<10	<5	<1	<0.5	<10	<2	<5	<1	1.39
47453	25.4	<3	0.6	0.7	4.8	2	1	<1	<10	6	2	<0.5	20	<2	<5	<1	4.81
47454	16.1	<3	7.7	0.5	4.3	6	1	<1	<10	<5	11	<0.5	19	2	<5	2	0.68
47455	20.5	<3	1.6	0.5	13	<1	2.7	<1	<10	12	<1	<0.5	68	<2	<5	1	>5
47456	20.3	<3	0.6	0.5	5.8	1	1	<1	<10	<5	<1	<0.5	30	<2	<5	<1	>5
47457	30.1	<3	3.1	0.9	11.2	<1	2.2	<1	<10	12	2	<0.5	61	42	<5	1	>5
47458	18.9	3	1.7	0.9	3.5	2	0.6	<1	<10	<5	<1	<0.5	11	3	<5	<1	3.82
47459	19.3	3	1.6	0.8	2.2	1	0.6	<1	<10	<5	9	<0.5	<10	13	<5	<1	1.8
47460	170.1	<3	15.3	<0.5	10.3	3	0.6	<1	<10	7	19	<0.5	41	7	18	10	>5
47461	44.4	<3	32.9	1	3.7	2	<0.2	<1	<10	<5	61	<0.5	12	10	<5	17	3.36
47462	198.8	<3	11.2	0.5	14.2	2	0.4	<1	<10	11	10	<0.5	67	9	25	6	>5
47463	22.4	<3	1	0.6	4.3	2	1.1	<1	<10	<5	<1	<0.5	23	<2	<5	<1	>5
47464	13.2	<3	1.6	0.7	1.4	<1	0.7	<1	<10	<5	3	<0.5	<10	3	<5	1	0.7
47465	19.2	<3	1.4	0.5	2.9	1	0.7	<1	<10	<5	<1	<0.5	13	3	<5	1	3.15
47466	12.2	<3	1.3	0.8	1.5	1	<0.2	<1	<10	<5	1	<0.5	<10	<2	<5	<1	0.73
47467	6.8	<3	35.2	<0.5	1	2	0.2	<1	<10	<5	12	<0.5	<10	<2	<5	2	0.13
47468	7.1	<3	4.2	<0.5	3.5	2	0.8	<1	<10	<5	3	<0.5	14	<2	<5	<1	0.14
47469	11.5	4	12.9	<0.5	5.1	3	0.9	<1	<10	<5	23	<0.5	26	<2	<5	<1	0.58
47470	29.6	<3	2.1	<0.5	12.4	4	2.1	<1	<10	11	<1	<0.5	67	<2	7	<1	3.35
47471	22.4	<3	34.7	<0.5	2.3	1	0.3	<1	<10	<5	23	<0.5	<10	3	<5	4	2.11
47472	6.9	<3	0.5	<0.5	1.8	1	0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1	0.23
47473	24.7	<3	0.5	0.8	6.5	2	1.6	<1	<10	8	<1	<0.5	31	2	<5	<1	>5
47474	12	<3	0.9	0.8	2.5	1	0.6	<1	<10	<5	2	<0.5	<10	3	<5	<1	1.98
47475	36.8	<3	5.1	1.3	8.5	3	1.8	<1	<10	8	14	<0.5	42	<2	<5	<1	>5
47476	29.6	<3	1	0.8	7.1	2	1.7	<1	<10	10	4	<0.5	38	<2	<5	2	>5
47477	11.1	3	48	<0.5	1.1	2	<0.2	<1	<10	<5	21	<0.5	<10	<2	<5	4	0.29
47478	30.5	<3	7.6	0.7	4.6	1	0.9	<1	<10	<5	7	<0.5	25	<2	<5	<1	4.83
47479	17.5	<3	1.4	0.8	4	2	0.9	<1	<10	6	5	<0.5	17	<2	<5	<1	3.73
47480	21.8	<3	1.9	1.1	5.8	<1	1.1	<1	<10	<5	3	<0.5	27	<2	<5	<1	>5
47481	18.6	<3	0.8	0.7	3.2	1	0.9	<1	<10	<5	<1	<0.5	16	<2	<5	<1	3.41
47482	19.9	<3	1.4	0.9	3.9	1	0.8	<1	<10	5	<1	<0.5	15	<2	<5	<1	3.34
47483	23	<3	1.5	0.6	12.5	2	2.7	<1	<10	10	2	<0.5	72	5	<5	2	>5
47484	21	<3	4.2	0.7	3.2	<1	0.6	<1	<10	<5	6	<0.5	14	<2	<5	<1	2.37
47485	6.2	<3	30.6	0.6	0.7	2	0.5	<1	<10	<5	38	0.6	<10	2	<5	7	0.33
47486	3.8	<3	31.5	<0.5	1.2	<1	0.2	<1	<10	<5	17	<0.5	<10	<2	<5	3	0.45
47487	14.9	<3	1	<0.5	2.5	1	0.9	<1	<10	<5	<1	<0.5	15	<2	<5	<1	2.31
47488	32.3	<3	38.4	0.5	2.8	<1	0.5	<1	<10	<5	53	<0.5	<10	3	<5	8	0.33
47489	15.5	4	2.9	0.7	2.1	<1	0.6	<1	<10	<5	3	<0.5	<10	<2	<5	<1	1
47490	58.9	<3	2.3	2.9	1.8	<1	0.7	<1	<10	<5	62	11.6	<10	<2	<5	2	0.18
47491	8.9	<3	14.7	0.6	1.3	<1	<0.2	<1	<10	<5	16	<0.5	<10	<2	<5	2	0.33

1 2 OCT. 2004
 CENTRE DE SERVICES DES MINES

Analysis Unit	Au	Pt	Pd	3E	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Ni	Cu	Cu
	ppb	ppb	ppb	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
47492	5	18	6	29	<0.5	0.04	0.36	0.35	<0.01	0.03	0.13	3	0.03	18	89	70	2.42	49	121	0.01	590.9	0.059
47493	6	<10	3	9	<0.5	0.02	0.41	0.09	<0.01	<0.01	0.1	3	0.03	20	114	128	4.81	143	660	0.07	842.2	0.084
47494	30	33	37	100	<0.5	0.02	0.33	0.15	<0.01	<0.01	0.06	2.7	0.02	24	91	67	12.38	418	2150	0.22	2119.1	0.212
47495	<1	<10	4	4	<0.5	0.02	0.47	0.11	<0.01	<0.01	0.12	2.8	0.04	15	111	124	2.07	63	253	0.03	281.5	0.028
47496	26	602	132	760	<0.5	0.55	0.77	3.29	<0.01	0.15	1.86	2.4	0.05	19	102	153	8.95	213	1700	0.17	4205.2	0.421
47497	7	<10	6	13	<0.5	0.01	0.51	0.09	<0.01	0.01	0.11	2.3	0.04	100	178	96	4.88	30	169	0.02	296.2	0.030
47498	<1	<10	<1	0	<0.5	0.25	0.27	1.28	<0.01	0.05	0.64	1.4	0.05	92	206	100	2.11	16	58	0.01	80.9	0.008
47499	4	<10	2	6	<0.5	0.02	0.23	0.07	<0.01	<0.01	0.12	3.2	0.03	22	79	101	3.61	68	153	0.02	779.4	0.078
47500	<1	<10	<1	0	<0.5	0.3	0.5	1.42	<0.01	0.12	0.79	2	0.06	12	86	105	1.35	14	32	0.00	89.5	0.009
47501	<1	<10	<1	0	<0.5	0.28	0.51	1.39	<0.01	0.12	0.77	2	0.06	13	120	108	1.38	11	26	0.00	88.3	0.009
47502	11	<10	1	12	<0.5	0.01	0.22	0.04	<0.01	<0.01	0.07	1.8	0.02	6	58	59	0.99	24	90	0.01	459.9	0.046
47503	2	<10	<1	2	<0.5	0.03	0.35	0.12	<0.01	0.02	0.13	3.1	0.03	12	123	101	1.95	18	27	0.00	234.7	0.023
47504	21	10	3	34	<0.5	<0.01	0.3	0.04	0.02	<0.01	0.07	2.1	0.01	6	59	83	6.68	156	874	0.09	4479.5	0.448
47505	7	<10	1	8	<0.5	0.22	0.69	1.27	0.04	0.04	1.16	5.2	0.06	39	66	193	2.6	33	139	0.01	182.2	0.018
47506	1	<10	<1	1	<0.5	0.03	0.24	0.15	0.03	0.02	0.23	3.8	0.09	25	55	70	1.94	37	98	0.01	427.2	0.043
47507	<1	<10	<1	0	<0.5	0.05	0.09	0.26	<0.01	0.02	0.05	0.7	0.03	30	70	31	2	3	6	0.00	62.6	0.006
47508	17	<10	4	21	<0.5	0.03	0.49	0.16	<0.01	0.03	0.13	4.2	0.03	18	144	179	7.04	204	954	0.10	4999.6	0.500
47509	12	<10	6	18	<0.5	0.02	0.4	0.09	0.01	0.02	0.08	3	0.03	11	107	119	8.53	265	1120	0.11	3000.1	0.300
47510	17	<10	<1	17	<0.5	0.36	0.99	2.04	0.01	0.11	1.45	1.3	0.04	9	105	181	3.76	113	295	0.03	1446.6	0.145
47511	<1	<10	<1	0	<0.5	0.1	0.34	0.85	0.01	0.08	0.67	1.1	0.02	8	61	104	1.13	19	121	0.01	133.3	0.013
47512	5	<10	2	7	<0.5	0.03	0.38	0.16	<0.01	0.01	0.17	3.6	0.03	15	68	120	3.03	68	264	0.03	735.7	0.074
47513	<1	<10	3	3	<0.5	0.3	0.3	1.51	0.01	0.08	0.86	1	0.03	8	64	63	0.66	8	81	0.01	62.9	0.006
47514	1	<10	<1	1	<0.5	0.02	0.57	0.11	<0.01	<0.01	0.14	4.3	0.04	33	155	230	2.92	60	185	0.02	205.3	0.021
47515	<1	<10	<1	0	<0.5	0.17	0.37	0.83	<0.01	0.15	0.54	2.2	0.08	26	57	69	1.05	11	20	0.00	139.4	0.014
47516	4	<10	<1	4	<0.5	0.21	1.06	1.16	<0.01	0.26	1.25	10.6	0.24	87	84	200	4.13	19	28	0.00	477.1	0.048
47517	<1	<10	<1	0	<0.5	0.17	0.68	1.15	0.04	0.1	1.03	3	0.09	23	47	107	1.99	28	36	0.00	339.2	0.034
47518	<1	<10	<1	0	<0.5	0.11	0.84	1	<0.01	0.11	0.73	3.5	0.17	42	57	138	1.65	22	33	0.00	115.4	0.012
47519	6	<10	<1	6	<0.5	0.7	0.07	3.97	0.01	0.08	2.32	0.9	0.04	37	69	42	3.3	29	111	0.01	1552.7	0.155
47520	4	29	18	51	<0.5	0.03	1.03	0.28	<0.01	0.02	0.38	3.1	0.03	109	565	172	4.27	26	195	0.02	115.4	0.012
47521	<1	<10	<1	0	<0.5	0.32	0.23	1.84	0.04	0.09	1.38	0.7	0.03	9	73	69	0.73	5	11	0.00	15.5	0.002
47522	4	<10	6	10	<0.5	0.23	0.27	1.27	<0.01	0.07	0.71	<0.5	0.01	7	65	47	1.58	26	232	0.02	299.4	0.030
47523	8	<10	18	26	<0.5	0.02	0.48	0.15	<0.01	0.02	0.16	3	0.02	40	85	175	2.99	60	160	0.02	601.3	0.060
47524	16	14	22	52	<0.5	0.09	0.2	0.69	<0.01	0.04	0.15	0.9	0.02	16	78	51	>15	567	3270	0.33	2272.6	0.227
47525	4	<10	8	12	<0.5	0.34	0.33	1.99	<0.01	0.13	0.98	0.8	0.02	16	63	74	4.42	71	373	0.04	510	0.051
47526	9	<10	14	23	<0.5	0.04	0.3	0.21	<0.01	0.02	0.14	2.3	0.02	22	71	96	8.73	213	1250	0.13	737.1	0.074
47527	8	24	17	49	<0.5	0.05	0.32	0.17	<0.01	0.02	0.11	1.9	0.03	26	72	65	9.9	226	1320	0.13	1173	0.117
47528	18	42	37	97	<0.5	0.06	0.25	0.07	<0.01	0.01	0.06	1.3	0.02	16	55	64	>15	540	3050	0.31	2075.3	0.208
47529	15	25	36	76	<0.5	0.07	0.21	0.07	<0.01	0.01	0.05	1.2	0.02	13	46	39	>15	581	3340	0.33	1418.8	0.142
47530	<1	<10	<1	0	<0.5	0.33	1.41	2.44	0.08	0.68	1.41	3.7	0.13	99	118	192	4.36	28	60	0.01	61.7	0.006
47531	<1	<10	<1	0	<0.5	0.19	0.77	1.29	0.01	0.15	0.79	1.3	0.04	20	70	93	1.75	25	130	0.01	116.3	0.012
47532	2	<10	<1	2	<0.5	0.3	1.41	2.33	0.08	0.65	1.33	3.8	0.14	107	108	194	4.56	29	52	0.01	55	0.006
47533	2	<10	<1	2	<0.5	0.52	0.4	2.66	<0.01	0.11	1.59	2	0.02	22	70	46	1.54	36	313	0.03	249	0.025
47534	1	<10	<1	1	<0.5	0.62	0.34	3.32	<0.01	0.11	2.08	1.4	0.02	16	66	55	1.79	49	371	0.04	356.6	0.036
47535	8	<10	4	12	<0.5	0.05	0.38	0.36	<0.01	0.02	0.3	4.4	0.04	150	153	80	4.69	72	191	0.02	541.8	0.054
47536	<1	<10	<1	0	<0.5	0.22	0.63	1.45	<0.01	0.07	1.29	4.8	0.04	64	119	161	1.68	19	67	0.01	44.9	0.004
47551	<1	<10	<1	0	<0.5	0.08	0.07	0.26	0.08	0.13	0.3	1.1	0.03	7	75	117	1.41	2	4	0.00	10.9	0.001
47552	<1	<10	<1	0	<0.5	0.18	0.44	0.84	<0.01	0.13	0.7	3.6	0.13	25	35	112	1.11	7	6	0.00	16.3	0.002

Analysis Unit	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	S
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
47492	7.6	<3	5.3	0.5	1.1	<1	<0.2	<1	<10	<5	10	<0.5	<10	<2	<5	<1	0.47
47493	16.9	<3	1.9	0.6	1.7	1	<0.2	<1	<10	<5	5	<0.5	<10	4	<5	<1	2.84
47494	19.4	<3	2	0.6	2.1	2	0.7	<1	<10	<5	4	<0.5	<10	11	<5	1	>5
47495	10.4	<3	2.1	0.7	1.2	<1	<0.2	<1	<10	<5	5	<0.5	<10	<2	<5	<1	0.77
47496	28.4	<3	112.1	1.2	2.6	1	0.9	<1	<10	<5	49	1	<10	7	<5	6	>5
47497	14.2	<3	2.1	1.2	1.6	<1	<0.2	<1	<10	<5	8	<0.5	<10	3	<5	<1	0.28
47498	12.5	<3	44.1	<0.5	1	2	<0.2	<1	<10	<5	15	<0.5	<10	<2	<5	2	0.14
47499	14.7	<3	1.8	0.7	1.7	<1	0.3	<1	<10	<5	5	<0.5	<10	3	<5	<1	1.05
47500	11.1	<3	41.2	0.7	2.5	2	<0.2	<1	<10	<5	49	0.7	<10	<2	<5	3	0.08
47501	12.3	<3	39.7	0.7	2.7	<1	<0.2	<1	<10	<5	48	0.7	<10	<2	<5	2	0.05
47502	8.6	<3	0.9	0.8	1	<1	<0.2	<1	<10	<5	7	<0.5	<10	<2	<5	<1	0.61
47503	8.3	<3	2.6	1.2	1.6	<1	<0.2	<1	<10	<5	13	<0.5	<10	<2	<5	<1	0.2
47504	23.8	<3	0.6	0.7	1.3	1	0.7	<1	<10	<5	<1	<0.5	<10	7	<5	<1	4.82
47505	16.1	<3	26.4	3.2	2.8	1	<0.2	<1	<10	<5	13	1.9	<10	<2	<5	1	0.37
47506	13.2	<3	3.5	1.4	2.2	1	<0.2	<1	<10	<5	10	1.5	<10	<2	<5	<1	0.39
47507	6.9	<3	7.3	<0.5	2.1	<1	<0.2	<1	<10	<5	12	<0.5	<10	<2	<5	<1	0.05
47508	34	<3	2.3	2.2	1.9	1	0.8	<1	<10	<5	29	<0.5	<10	6	<5	<1	4.77
47509	19.6	<3	1.4	1.6	1.5	<1	0.5	<1	<10	<5	12	<0.5	<10	8	<5	<1	>5
47510	24.1	<3	80.4	0.7	3.1	2	0.4	<1	<10	<5	38	0.8	<10	<2	<5	3	1.86
47511	9.7	<3	19.7	1.2	0.9	<1	<0.2	<1	<10	<5	46	1	<10	<2	<5	6	0.33
47512	14	<3	4.2	1.6	1.5	2	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1	1.28
47513	5.7	<3	53.7	1.5	1.3	2	<0.2	<1	<10	<5	19	0.8	<10	<2	<5	9	0.1
47514	17.3	<3	1.5	0.9	1.5	<1	<0.2	<1	<10	<5	2	<0.5	<10	2	<5	<1	0.75
47515	11.7	<3	25.2	3.8	3.5	1	<0.2	<1	<10	<5	41	1.7	<10	<2	<5	3	0.18
47516	37.3	<3	13.7	14.2	13.4	5	<0.2	<1	<10	<5	69	4.3	<10	<2	<5	2	0.23
47517	14.7	<3	23.4	5.2	7.1	2	<0.2	<1	<10	<5	19	3.2	<10	<2	<5	7	0.53
47518	24.7	<3	14.2	7	7.4	<1	<0.2	<1	<10	<5	17	3.3	<10	<2	<5	11	0.21
47519	11.4	<3	120.5	0.9	2	2	0.3	<1	<10	<5	23	1.4	<10	<2	<5	2	0.81
47520	16.4	<3	3	1.3	3.8	<1	<0.2	<1	<10	<5	3	<0.5	<10	3	<5	<1	0.13
47521	7.7	<3	66	2.1	1	2	0.2	<1	<10	<5	26	2.2	<10	4	<5	5	0.02
47522	4	<3	49.1	<0.5	1.8	<1	<0.2	<1	<10	<5	16	<0.5	<10	2	<5	3	0.47
47523	23.4	<3	2.8	0.5	2.8	<1	<0.2	<1	<10	<5	5	<0.5	<10	2	<5	<1	0.75
47524	17	<3	9.5	<0.5	13.2	2	0.8	<1	<10	6	29	<0.5	<10	<2	10	1	>5
47525	14.7	<3	62	<0.5	3.9	<1	<0.2	<1	<10	<5	70	<0.5	<10	4	<5	4	1.04
47526	15.5	<3	2.8	<0.5	7.6	<1	<0.2	<1	<10	<5	9	<0.5	<10	<2	6	<1	4.77
47527	14.1	<3	3.1	0.5	8.2	<1	0.5	<1	<10	6	9	<0.5	<10	<2	6	<1	>5
47528	12.1	<3	1.3	<0.5	16.9	<1	0.8	<1	<10	9	3	<0.5	<10	<2	11	<1	>5
47529	10.3	<3	1.3	<0.5	18	<1	0.8	<1	<10	7	4	<0.5	<10	<2	16	<1	>5
47530	44	<3	55.7	5	4.3	<1	0.4	<1	<10	<5	284	6.4	<10	4	<5	7	0.21
47531	15.6	<3	38.8	0.5	1.9	1	<0.2	<1	<10	<5	41	<0.5	<10	<2	<5	4	0.27
47532	46.7	<3	49.8	5.2	4.4	<1	0.3	<1	<10	<5	266	6.7	<10	2	<5	7	0.18
47533	10.5	4	83.1	<0.5	1.9	<1	<0.2	<1	<10	<5	29	<0.5	<10	5	<5	1	0.43
47534	17.7	<3	108.8	<0.5	2	<1	0.3	<1	<10	<5	22	<0.5	<10	6	<5	1	0.74
47535	13.9	<3	10.9	0.8	4.2	<1	0.4	<1	<10	<5	9	<0.5	<10	<2	<5	1	1.49
47536	36.4	<3	48.9	1.5	1.9	<1	0.3	<1	<10	<5	23	<0.5	<10	5	<5	<1	0.09
47551	52	<3	4.4	80.9	3.7	6	<0.2	<1	<10	<5	28	63.2	<10	3	<5	<1	0.02
47552	18.4	<3	17.1	5.2	6	1	<0.2	<1	<10	<5	57	1.6	<10	<2	<5	3	0.03

Analysis Unit	Au ppb	Pt ppb	Pd ppb	3E ppb	Be ppm	Na %	Mg %	Al %	P %	K %	Ca %	Sc ppm	Ti %	V ppm	Cr ppm	Mn ppm	Fe %	Co ppm	Ni ppm	Ni %	Cu ppm	Cu %
47553	5	<10	2	7	<0.5	0.04	0.26	0.5	0.05	0.18	0.11	1.5	0.04	24	94	79	2.68	16	32	0.00	148.8	0.015
47554	<1	<10	<1	0	<0.5	0.34	0.27	1.55	0.02	0.08	1.03	1.9	0.06	18	47	85	0.73	4	6	0.00	1.7	0.000
47555	<1	<10	<1	0	<0.5	1.23	0.45	7.55	0.01	0.15	4.57	1.4	0.03	12	54	73	0.66	4	12	0.00	3.3	0.000
47556	<1	<10	<1	0	<0.5	0.12	1.48	1.5	0.13	0.47	0.98	4.8	0.18	107	102	267	4.65	32	65	0.01	63.8	0.006
47557	9	<10	<1	9	<0.5	0.06	3.49	0.46	<0.01	0.07	0.44	2.7	0.04	62	79	751	5.12	41	201	0.02	34.8	0.003
47558	<1	<10	2	2	<0.5	0.26	0.74	1.57	<0.01	0.24	0.77	1.3	0.03	18	185	110	0.8	11	47	0.00	49.4	0.005
47559	5	14	3	22	<0.5	0.02	0.31	0.1	<0.01	<0.01	0.1	3.9	0.02	45	141	81	3.8	74	329	0.03	471.2	0.047
47560	7	12	3	22	<0.5	0.04	0.34	0.17	<0.01	0.02	0.14	4.9	0.02	76	327	84	6.29	127	641	0.06	766	0.077
47561	5	17	35	57	<0.5	0.07	9.42	0.55	<0.01	0.03	0.4	8.1	0.05	129	706	963	7.82	74	666	0.07	360.8	0.036
47562	<1	<10	<1	0	<0.5	0.18	0.87	1.16	<0.01	0.33	0.57	2.6	0.06	29	80	117	1.55	13	33	0.00	14.8	0.001
47563	<1	<10	<1	0	<0.5	0.17	0.3	0.9	<0.01	0.09	0.41	1.1	0.02	22	57	49	3.09	17	31	0.00	198.2	0.020
47564	2	<10	<1	2	<0.5	0.04	0.22	0.27	<0.01	0.02	0.13	1.9	0.04	47	68	74	3.03	6	11	0.00	148.3	0.015
47565	48	101	68	217	<0.5	0.11	0.17	0.42	<0.01	0.02	0.16	1.4	0.01	30	153	99	>15	944	2730	0.27	7211	0.721
47566	20	28	17	65	<0.5	0.05	0.36	0.22	<0.01	0.01	0.16	2.6	0.02	43	58	135	9.35	307	1380	0.14	2019.2	0.202
47567	<1	<10	2	2	<0.5	0.02	0.34	0.17	<0.01	0.02	0.17	3.1	0.08	169	115	115	4.25	47	89	0.01	190.8	0.019
47568	2	<10	<1	2	<0.5	0.06	0.22	0.4	0.02	0.2	0.08	3.5	0.06	13	143	145	2.85	8	28	0.00	98.5	0.010
47569	<1	<10	<1	0	<0.5	0.34	0.5	1.7	<0.01	0.16	0.97	1.4	0.05	14	77	91	0.84	8	35	0.00	8.6	0.001
47570	1	<10	3	4	<0.5	0.68	0.19	3.63	<0.01	0.08	2.21	<0.5	0.02	9	71	46	1.86	49	423	0.04	421	0.042
47571	1	<10	1	2	<0.5	0.64	0.31	3.47	<0.01	0.1	2.05	0.6	0.01	12	66	67	2.03	45	353	0.04	504.6	0.050
47572	<1	<10	<1	0	<0.5	0.37	0.29	1.85	<0.01	0.1	1.21	0.6	<0.01	8	68	60	0.61	8	22	0.00	37.9	0.004
47573	<1	<10	<1	0	<0.5	0.67	0.53	3.68	<0.01	0.16	2.23	1.4	0.02	15	70	82	0.62	7	16	0.00	12.4	0.001
47537	10	<10	8	18	1.1	<0.01	0.32	0.08	<0.01	<0.01	0.08	1.7	0.01	15	40	128	6.65	197	958	0.10	563.9	0.056
47538	13	130	8	151	1	<0.01	0.29	0.06	<0.01	<0.01	0.07	1.4	0.01	12	36	120	5.98	181	868	0.09	771	0.077
47539	14	11	9	34	1.4	<0.01	0.29	0.07	<0.01	<0.01	0.08	1.6	0.02	28	57	120	8.34	273	1390	0.14	1005.5	0.101
47540	10	<10	10	20	2.2	<0.01	0.18	0.04	<0.01	<0.01	0.01	<0.5	<0.01	27	49	46	11.79	87	18	0.00	1933.9	0.193
47541	7	<10	1	8	1.2	<0.01	0.31	0.05	<0.01	<0.01	0.07	1.6	0.01	15	37	128	6.92	220	1100	0.11	1151.5	0.115
47542	13	16	5	34	1.6	<0.01	0.39	0.12	0.06	0.02	0.24	1.8	0.02	21	51	211	9.12	291	1710	0.17	2180	0.218
47543	31	<10	4	35	1.7	0.12	0.6	0.99	0.02	0.06	0.62	0.9	0.02	140	215	159	9.52	419	1240	0.12	3157	0.316
47544	45	<10	17	62	3.1	<0.01	0.42	0.08	<0.01	<0.01	0.07	2.1	0.02	16	52	208	14.12	502	2530	0.25	5281.8	0.528
47545	<1	<10	3	3	<0.5	0.11	0.69	0.96	<0.01	0.25	0.37	1	0.04	10	44	75	1.23	20	83	0.01	132	0.013
47546	<1	<10	3	3	0.5	0.08	4.27	0.44	0.02	0.05	0.52	1.2	0.04	10	64	404	3.16	43	544	0.05	43.5	0.004
47547	12	45	71	128	<0.5	0.33	0.27	2.11	<0.01	0.06	1.19	<0.5	0.02	5	25	63	1.91	56	1040	0.10	773.5	0.077
47548	3	11	9	23	<0.5	0.2	0.23	1.04	<0.01	0.05	0.47	<0.5	0.02	5	13	71	1.28	23	236	0.02	299.4	0.030
47549	4	<10	13	17	<0.5	0.15	0.27	0.85	<0.01	0.04	0.39	1.3	0.02	10	27	59	1.72	59	207	0.02	308.9	0.031
47550	1	<10	3	4	<0.5	0.17	0.27	0.98	<0.01	0.09	0.36	0.5	<0.01	5	33	59	2.2	44	232	0.02	427.7	0.043
47601	7	12	16	35	<0.5	0.32	0.24	1.91	<0.01	0.06	1.08	<0.5	0.01	3	11	57	1.17	20	409	0.04	328.2	0.033
47602	3	<10	10	13	<0.5	0.66	0.76	5.03	<0.01	0.08	2.74	<0.5	0.02	5	29	112	1.33	22	199	0.02	191	0.019
47603	1	<10	6	7	<0.5	0.06	0.29	0.44	<0.01	0.02	0.2	1.8	0.02	16	34	81	1.93	37	175	0.02	387.8	0.039
47604	1	<10	1	2	<0.5	0.56	0.28	3.35	<0.01	0.09	1.86	1.2	0.01	13	26	50	1.58	38	433	0.04	393.8	0.039
47605	<1	<10	<1	0	0.7	0.14	0.86	1.43	<0.01	0.06	1.23	3.7	0.11	144	142	253	3.92	42	195	0.02	109.9	0.011
47606	1	<10	<1	1	<0.5	0.04	0.32	0.56	0.02	0.34	0.07	3.8	0.07	6	11	308	2.14	3	5	0.00	659.1	0.066
47607	3	<10	<1	3	1.3	0.09	0.85	1.31	0.14	0.33	0.85	5.3	0.15	156	10	133	6.95	76	46	0.00	176.3	0.018
47608	<1	<10	3	3	0.8	0.13	0.6	1.14	<0.01	0.08	0.89	4	0.07	231	79	197	4.33	37	55	0.01	93.1	0.009
47609	<1	<10	<1	0	0.6	0.03	0.36	0.42	<0.01	0.01	0.23	3.7	0.05	235	76	170	3.75	70	127	0.01	273.3	0.027
47610	1	<10	<1	1	<0.5	<0.01	0.33	0.1	<0.01	<0.01	0.09	2.4	0.03	70	45	121	2.31	49	91	0.01	240.9	0.024
47611	7	<10	19	26	<0.5	0.27	0.13	1.4	0.02	0.05	1.14	0.6	0.01	8	11	59	0.59	6	36	0.00	36.7	0.004
47612	<1	<10	<1	0	<0.5	0.14	0.72	0.99	0.15	0.21	1.15	3.3	0.11	41	14	179	1.91	15	40	0.00	27.9	0.003

Analysis Unit	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	S
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
47553	25.1	<3	7.9	1.5	1.4	23	<0.2	<1	<10	<5	32	6.1	<10	3	<5	5	0.59
47554	9.6	<3	50	1.3	3.9	1	<0.2	<1	<10	<5	36	1.1	<10	<2	<5	2	<0.01
47555	4.7	<3	221	1.3	3.3	1	0.2	<1	<10	<5	44	1.7	<10	<2	<5	11	0.01
47556	79.5	<3	8.5	9.4	7.1	<1	<0.2	<1	<10	<5	120	6.9	<10	3	<5	9	0.13
47557	21.1	3	14.2	2.7	4.8	<1	<0.2	<1	<10	<5	15	<0.5	<10	3	<5	1	0.05
47558	11.2	<3	43.6	<0.5	1.1	<1	0.2	<1	<10	<5	78	<0.5	<10	5	<5	11	0.04
47559	19.1	<3	<0.5	0.9	3.3	1	0.6	<1	<10	<5	<1	<0.5	<10	2	<5	<1	2.2
47560	41.4	<3	1	1.1	5.3	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1	2.51
47561	31.6	<3	8.6	3.4	6.4	<1	<0.2	<1	<10	8	6	<0.5	<10	2	<5	6	0.06
47562	23.9	<3	28.5	<0.5	1.9	<1	<0.2	<1	<10	<5	77	<0.5	<10	2	<5	4	0.04
47563	5.4	<3	26.6	<0.5	2.8	<1	<0.2	<1	<10	<5	19	<0.5	<10	<2	<5	2	0.48
47564	5.4	<3	5.8	0.6	2.8	<1	<0.2	<1	<10	<5	9	<0.5	<10	2	<5	<1	0.19
47565	22.6	<3	9.3	<0.5	18.6	5	1.1	<1	<10	8	7	<0.5	<10	<2	6	<1	>5
47566	22.7	<3	4	0.5	7.8	<1	<0.2	<1	<10	<5	4	<0.5	<10	<2	6	<1	>5
47567	17.2	<3	2.2	1.3	4.1	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1	0.54
47568	22.3	<3	3.2	3.1	4.1	2	0.4	<1	<10	<5	72	4.2	<10	4	<5	4	0.22
47569	13	<3	60.2	0.8	1.6	<1	<0.2	<1	<10	<5	60	<0.5	<10	<2	<5	<1	0.01
47570	10	<3	116.9	<0.5	2	2	<0.2	<1	<10	<5	27	<0.5	<10	2	<5	7	1
47571	13.8	<3	107.4	<0.5	2	<1	<0.2	<1	<10	<5	31	<0.5	<10	4	<5	5	0.8
47572	7.7	3	61.7	0.6	1.2	2	<0.2	<1	<10	<5	44	1.4	<10	3	<5	4	0.09
47573	17	<3	116.8	1.1	0.8	<1	<0.2	<1	<10	<5	33	<0.5	<10	9	<5	8	0.01
47537	23.5	<3	1.1	0.5	0.9	<1	0.3	5	<10	<5	8	6.3	<10	<2	7	<1	4.31
47538	24.1	<3	0.9	<0.5	<0.5	<1	<0.2	4	<10	<5	10	5.7	<10	<2	7	<1	3.81
47539	27.9	<3	0.8	0.6	1.5	<1	0.3	6	<10	<5	3	9	<10	<2	*INF	<1	>5
47540	23.1	<3	<0.5	<0.5	3.5	<1	1.3	11	<10	<5	<1	14.1	<10	<2	*INF	<1	3.1
47541	28.1	<3	<0.5	0.5	0.6	<1	0.5	5	<10	<5	<1	7.7	<10	<2	*INF	<1	4.49
47542	47	<3	3	2.8	1.8	<1	0.6	8	<10	<5	10	13	<10	<2	*INF	<1	>5
47543	61.1	<3	35.2	0.7	1.7	<1	0.5	8	<10	<5	18	12.7	<10	<2	*INF	4	>5
47544	73.1	<3	1.3	1.3	5	1	1	14	<10	<5	2	17.6	<10	6	*INF	1	>5.000
47545	13.2	<3	20.2	<0.5	<0.5	<1	0.3	<1	<10	<5	86	1.3	<10	<2	<5	6	0.23
47546	10.8	<3	54.3	1.2	1.8	<1	0.3	2	<10	<5	40	3.6	<10	<2	<5	2	0.1
47547	12.6	<3	80.8	<0.5	<0.5	1	0.4	1	<10	<5	23	1.9	<10	<2	<5	2	0.99
47548	33.4	<3	31.6	<0.5	0.8	<1	<0.2	<1	<10	<5	18	1.4	<10	<2	<5	3	0.36
47549	8.9	<3	23.7	<0.5	<0.5	<1	<0.2	1	<10	<5	9	1.4	<10	<2	<5	<1	0.73
47550	9.2	<3	26.2	<0.5	0.7	1	<0.2	1	<10	<5	39	2.3	<10	<2	7	3	0.56
47601	9.3	<3	66.9	<0.5	<0.5	<1	0.2	<1	<10	<5	14	1	<10	<2	<5	4	0.32
47602	16.9	<3	152.1	<0.5	0.6	1	<0.2	<1	<10	<5	27	1.8	<10	<2	<5	21	0.25
47603	12.9	<3	12.3	<0.5	0.6	<1	<0.2	1	<10	<5	5	1.6	<10	<2	<5	1	0.44
47604	8.6	<3	102.2	<0.5	<0.5	<1	<0.2	<1	<10	<5	17	1.6	<10	<2	<5	1	0.59
47605	48.2	<3	129.6	2.3	2.6	<1	0.3	2	<10	<5	49	4.7	<10	<2	<5	2	0.13
47606	460.2	<3	3.1	4	<0.5	<1	0.2	2	<10	<5	26	11.1	<10	21	<5	3	0.47
47607	49.3	<3	39.4	3.3	4.8	2	<0.2	6	<10	<5	568	25.5	<10	2	<5	2	0.84
47608	36.4	<3	28.4	1.8	1.8	<1	0.3	3	<10	<5	22	4.8	<10	2	<5	4	0.24
47609	16.2	<3	4.7	1.1	1.1	<1	<0.2	2	<10	<5	4	3.7	<10	<2	6	<1	0.45
47610	13.5	<3	1.3	0.5	<0.5	<1	<0.2	1	<10	<5	2	2	<10	<2	<5	<1	0.54
47611	25.8	<3	45.2	0.8	<0.5	<1	<0.2	<1	<10	<5	21	1.4	<10	11	<5	3	0.06
47612	30.1	<3	19.5	3.9	3.8	<1	<0.2	1	<10	<5	69	5.3	<10	<2	<5	<1	0.02

Analysis Unit	Au ppb	Pt ppb	Pd ppb	3E ppb	Be ppm	Na %	Mg %	Al %	P %	K %	Ca %	Sc ppm	Ti %	V ppm	Cr ppm	Mn ppm	Fe %	Co ppm	Ni ppm	Ni %	Cu ppm	Cu %
47574	7	<10	20	27	0.5	0.1	0.63	0.8	0.04	0.22	0.53	5	0.06	29	118	203	2.17	17	134	0.01	213.5	0.021
47575	4	<10	9	13	3.8	0.02	0.2	0.17	<0.01	0.01	0.08	5	0.02	28	64	78	2.29	40	95	0.01	351.1	0.035
47576	<1	24	40	64	<0.5	0.01	0.25	0.1	<0.01	0.01	0.07	1.7	0.02	40	91	86	2.39	42	129	0.01	249	0.025
47577	4	11	14	29	<0.5	0.22	0.2	1.22	<0.01	0.1	0.66	<0.5	0.01	6	23	77	1.03	16	140	0.01	245.2	0.025
47578	<1	<10	6	6	1.5	0.06	1.25	2.14	0.4	1.43	1.33	2.1	0.16	50	9	813	5.58	24	19	0.00	25.2	0.003
47579	1	<10	6	7	<0.5	0.01	0.52	0.22	<0.01	0.13	0.12	3	0.04	17	99	181	1.6	15	79	0.01	287.1	0.029
47580	8	10	18	36	0.6	<0.01	0.29	0.11	<0.01	0.04	0.07	1.9	0.02	33	191	113	3.63	44	163	0.02	497.7	0.050
47581	<1	<10	<1	0	<0.5	0.24	0.25	1.65	0.02	0.13	1.01	<0.5	0.02	5	16	71	0.71	4	16	0.00	12.5	0.001
47582	<1	<10	2	2	<0.5	0.33	0.13	2.35	<0.01	0.09	1.4	<0.5	0.02	3	7	51	0.55	2	9	0.00	9.9	0.001

	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	S
Analysis Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
47574	25.7	<3	8.8	6.4	2.6	2	<0.2	1	<10	<5	42	10.1	<10	3	<5	4	0.19
47575	39.3	3	6.6	3.5	3.2	3	<0.2	3	<10	<5	6	4.2	<10	3	8	5	0.47
47576	11.4	<3	2.2	<0.5	0.7	<1	<0.2	1	<10	<5	4	2.3	<10	<2	<5	<1	0.53
47577	11.7	<3	38.6	<0.5	<0.5	<1	<0.2	<1	<10	<5	16	0.8	<10	<2	<5	5	0.27
47578	145.8	<3	28.9	9.8	4	2	<0.2	4	<10	<5	173	46.2	<10	<2	<5	19	0.04
47579	23.3	<3	2.7	1.7	<0.5	<1	<0.2	1	<10	<5	57	1.7	<10	<2	<5	1	0.2
47580	15.7	<3	0.8	1.2	<0.5	<1	0.4	2	<10	<5	16	3.3	<10	<2	<5	<1	1.3
47581	10.5	<3	49.2	1.2	<0.5	<1	<0.2	<1	<10	<5	42	2.3	<10	<2	<5	6	0.02
47582	6.9	<3	76.8	<0.5	<0.5	<1	<0.2	<1	<10	<5	29	0.9	<10	<2	<5	2	0.02



CERTIFICATE OF ANALYSIS

Work Order: 078749

To: **Pacific Northwest Capital**
Attn: **Dave Lyon**

259 Fielding Road, Unit 3B
LIVELY
ONTARIO, P3Y 1L8

Date : 11/08/04

Copy 1 to : jkleinboeck@pfncapital.com

P.O. No. : 04-2750
Project No. : PQLM04-P1S
No. of Samples : 84 Rock
Date Submitted : 21/07/04
Report Comprises : Cover Sheet plus
Pages 1 to 16

Distribution of unused material:

Pulps: STORE
Rejects: STORE

Certified By :

Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions



Work Order: 078749

Date: 11/08/04

FINAL

Page 1 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47451	<1	<10	2	<1	<10	<1	--	--	--
47452	4	<10	2	--	--	--	--	--	--
47453	7	<10	11	--	--	--	--	--	--
47454	40	69	33	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
47455	14	36	35	--	--	--	--	--	--
47456	26	25	22	--	--	--	--	--	--
47457	47	42	35	--	--	--	--	--	--
47458	18	<10	10	--	--	--	--	--	--
47459	20	<10	3	--	--	--	--	--	--
47460	240	79	20	--	--	--	--	--	--
47461	67	50	5	--	--	--	--	--	--
47462	223	25	27	--	--	--	--	--	--
47463	8	<10	7	7	<10	7	--	--	--
47464	3	<10	4	--	--	--	--	--	--
47465	11	<10	7	--	--	--	--	--	--
47466	2	<10	5	--	--	--	--	--	--
47467	2	<10	4	--	--	--	--	--	--
47468	7	<10	12	--	--	--	--	--	--
47469	9	13	29	--	--	--	--	--	--
47470	70	<10	55	--	--	--	--	--	--
47471	5	<10	3	--	--	--	--	--	--
47472	10	19	18	--	--	--	--	--	--
*Std WPR_1	42	310	247	--	--	--	--	--	--
47473	21	260	45	--	--	--	--	--	--
47474	11	19	15	--	--	--	--	--	--
47475	33	45	34	31	43	34	--	--	--
47476	21	11	29	--	--	--	--	--	--
47477	2	<10	3	--	--	--	--	--	--
47478	12	15	10	--	--	--	--	--	--

1 2 OCT 2004
 CENTRE DE SERVICES DES MINES



Work Order: 078749

Date: 11/08/04

FINAL

Page 2 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47479	10	19	18	--	--	--	--	--	--
47480	14	74	30	--	--	--	--	--	--
47481	12	12	14	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
47482	11	12	13	--	--	--	--	--	--
47483	34	67	81	--	--	--	--	--	--
47484	18	<10	<1	--	--	--	--	--	--
47485	2	<10	1	--	--	--	--	--	--
47486	5	<10	2	--	--	--	--	--	--
47487	1	<10	6	<1	<10	6	--	--	--
47488	26	<10	<1	--	--	--	--	--	--
47489	2	<10	<1	--	--	--	--	--	--
47490	1	<10	<1	--	--	--	--	--	--
47301	<1	<10	2	--	--	--	--	--	--
47302	<1	<10	1	--	--	--	--	--	--
47303	4	<10	<1	--	--	--	--	--	--
47304	269	328	13	--	--	--	--	--	--
47305	3	<10	3	--	--	--	--	--	--
47306	4	<10	2	--	--	--	--	--	--
47307	26	20	5	--	--	--	--	--	--
*Std WMG1	113	755	378	--	--	--	--	--	--
47308	23	<10	3	--	--	--	--	--	--
47309	11	<10	3	12	<10	3	--	--	--
47310	2	<10	<1	--	--	--	--	--	--
47311	2	19	45	--	--	--	--	--	--
47312	<1	<10	1	--	--	--	--	--	--
47313	10	28	55	--	--	--	--	--	--
47314	3	<10	7	--	--	--	--	--	--
47315	4	15	8	--	--	--	--	--	--
47316	4	<10	3	--	--	--	--	--	--



Work Order: 078749

Date: 11/08/04

FINAL

Page 3 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47317	77	193	344	--	--	--	--	--	--
47318	7	30	15	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
47319	3	<10	3	--	--	--	--	--	--
47320	<1	<10	1	--	--	--	--	--	--
47321	<1	<10	<1	<1	<10	2	--	--	--
47322	<1	<10	<1	--	--	--	--	--	--
47323	4	<10	2	--	--	--	--	--	--
47324	10	<10	5	--	--	--	--	--	--
47325	5	<10	3	--	--	--	--	--	--
47326	8	<10	4	--	--	--	--	--	--
47327	8	<10	3	--	--	--	--	--	--
47328	5	<10	4	--	--	--	--	--	--
47329	2	25	<1	--	--	--	--	--	--
47330	5	<10	8	--	--	--	--	--	--
47331	4	<10	2	--	--	--	--	--	--
47332	9	<10	9	--	--	--	--	--	--
*Std WPR_1	40	324	276	--	--	--	--	--	--
47333	3	<10	5	3	<10	6	--	--	--
47334	4	<10	3	--	--	--	--	--	--
47335	4	24	2	--	--	--	--	--	--
47336	15	23	2	--	--	--	--	--	--
47337	4	<10	4	--	--	--	--	--	--
47338	19	15	23	--	--	--	--	--	--
47339	8	38	16	--	--	--	--	--	--
47340	7	23	4	--	--	--	--	--	--
47341	21	<10	5	--	--	--	--	--	--
47342	4	11	19	--	--	--	--	--	--
47343	59	10	12	--	--	--	--	--	--
47344	17	<10	6	--	--	--	--	--	--



Work Order: 078749

Date: 11/08/04

FINAL

Page 4 of 16

Element. Method.	Au FAI303	Pt FAI303	Pd FAI303	Au D FAI303	Pt D FAI303	Pd D FAI303	Au R FAI303	Pt R FAI303	Pd R FAI303
Det.Lim.	1	10	1	1	10	1	1	10	1
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Dup 47451	<1	<10	<1	--	--	--	--	--	--
*Dup 47463	7	<10	7	--	--	--	--	--	--
*Dup 47475	31	43	34	--	--	--	--	--	--
*Dup 47487	<1	<10	6	--	--	--	--	--	--
*Dup 47309	12	<10	3	--	--	--	--	--	--
*Dup 47321	<1	<10	2	--	--	--	--	--	--
*Dup 47333	3	<10	6	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
*Std WMG1	99	723	379	--	--	--	--	--	--



Work Order: 078749

Date: 11/08/04

FINAL

Page 5 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47451	<0.5	0.14	0.62	1.41	<0.01	0.12	0.90	0.7	0.02	7	46	126	1.05	10	25	14.5
47452	<0.5	<0.01	0.26	0.05	<0.01	<0.01	0.07	1.9	0.03	24	104	106	3.05	65	293	392.7
47453	<0.5	0.01	0.34	0.06	<0.01	<0.01	0.08	2.4	0.02	12	44	113	7.72	169	925	789.8
47454	<0.5	0.04	0.30	0.39	0.02	0.04	0.15	1.3	0.03	26	66	109	5.91	12	46	1390.4
47455	<0.5	0.01	0.27	0.09	<0.01	0.02	0.06	2.3	0.01	12	47	65	>15.00	572	2520	1502.4
47456	<0.5	<0.01	0.30	0.04	<0.01	<0.01	0.07	1.8	0.02	7	77	135	9.80	225	1170	3138.7
47457	<0.5	0.02	0.37	0.10	<0.01	0.02	0.16	2.8	0.02	16	79	149	>15.00	426	2020	4364.2
47458	<0.5	0.02	0.43	0.11	<0.01	<0.01	0.13	3.1	0.03	14	83	117	4.95	131	568	1877.8
47459	<0.5	0.02	0.31	0.08	<0.01	0.01	0.10	3.0	0.02	12	84	97	3.48	104	452	1347.8
47460	<0.5	0.05	1.40	1.47	0.01	0.05	0.27	1.2	0.04	48	100	339	>15.00	1550	536	10000.0
47461	<0.5	0.18	0.34	1.35	0.01	0.08	0.44	0.9	0.01	11	45	159	5.95	183	396	10000.0
47462	<0.5	0.05	1.01	1.00	0.01	0.04	0.22	0.9	0.04	51	117	239	>15.00	2410	980	10000.0
47463	<0.5	<0.01	0.36	0.05	<0.01	<0.01	0.10	1.9	0.02	10	62	147	8.28	231	1210	2109.3
47464	<0.5	0.02	0.38	0.10	<0.01	0.02	0.14	2.2	0.02	15	81	99	2.07	48	162	329.1
47465	<0.5	0.01	0.30	0.08	<0.01	<0.01	0.08	1.8	0.02	10	61	103	5.43	161	786	1527.7
47466	<0.5	0.01	0.32	0.09	<0.01	<0.01	0.11	2.8	0.03	16	91	99	2.18	65	231	298.3
47467	<0.5	0.21	0.29	1.04	<0.01	0.05	0.52	1.7	0.02	12	88	69	1.71	10	52	171.6
47468	<0.5	0.03	0.15	0.25	<0.01	0.01	0.08	1.1	0.02	9	48	38	5.70	3	19	273.0
47469	<0.5	0.07	0.25	0.47	<0.01	0.06	0.18	1.7	0.02	14	60	44	8.60	25	35	993.1
47470	<0.5	0.01	0.11	0.11	<0.01	0.01	0.05	0.8	<0.01	13	48	56	>15.00	304	111	9961.8
47471	<0.5	0.19	0.48	0.94	<0.01	0.09	0.78	1.9	0.03	13	69	179	3.97	98	546	874.9
47472	<0.5	<0.01	0.20	0.03	<0.01	<0.01	0.05	2.0	0.02	23	81	59	2.83	9	24	425.6
47473	<0.5	0.01	0.40	0.04	<0.01	<0.01	0.10	2.1	0.02	16	59	179	10.79	273	1410	1817.7
47474	<0.5	0.01	0.28	0.06	<0.01	0.01	0.08	2.3	0.02	13	57	99	4.19	106	480	712.7
47475	<0.5	0.02	0.57	0.16	<0.01	0.02	0.23	3.1	0.04	36	175	233	13.95	419	1480	3208.1
47476	<0.5	0.01	0.49	0.09	<0.01	0.02	0.14	2.5	0.02	27	109	209	11.99	290	1550	1381.9
47477	<0.5	0.30	0.41	1.17	<0.01	0.05	0.79	1.6	0.03	18	130	161	1.50	18	60	114.1
47478	<0.5	0.04	0.46	0.21	<0.01	0.02	0.30	2.3	0.04	34	114	217	7.73	225	946	1896.3
47479	<0.5	0.01	0.34	0.07	<0.01	0.01	0.11	2.1	0.02	26	92	149	6.43	162	830	935.4
47480	<0.5	0.02	0.46	0.07	<0.01	<0.01	0.14	2.6	0.02	15	124	193	8.91	216	1290	1335.0



Work Order: 078749

Date: 11/08/04

FINAL

Page 6 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47481	<0.5	0.01	0.35	0.04	<0.01	<0.01	0.10	1.8	0.02	19	75	145	5.79	144	744	981.9
47482	<0.5	0.01	0.47	0.06	<0.01	<0.01	0.14	2.6	0.02	24	89	188	6.11	149	715	1029.7
47483	<0.5	0.02	0.29	0.04	<0.01	<0.01	0.07	1.3	0.01	23	85	165	>15.00	578	3180	1532.1
47484	<0.5	0.03	0.51	0.11	<0.01	0.02	0.19	2.6	0.03	31	137	213	4.59	110	512	670.4
47485	<0.5	0.22	0.49	1.02	<0.01	0.09	0.63	1.3	0.01	9	70	79	1.08	17	89	205.1
47486	<0.5	0.23	0.10	0.97	<0.01	0.05	0.40	<0.5	0.02	8	86	26	1.59	23	120	465.4
47487	<0.5	<0.01	0.25	0.08	<0.01	<0.01	0.06	1.9	0.02	30	73	99	4.37	142	358	613.4
47488	<0.5	0.26	0.68	1.33	<0.01	0.08	0.82	1.9	0.02	37	126	223	3.85	16	39	1391.5
47489	<0.5	0.02	0.35	0.13	<0.01	<0.01	0.17	2.3	0.03	44	100	227	3.35	81	226	398.3
47490	<0.5	0.04	0.50	0.56	<0.01	0.32	0.02	4.0	0.09	12	172	194	1.56	3	7	63.1
47301	<0.5	0.23	0.57	1.51	<0.01	0.08	0.94	<0.5	0.02	3	87	99	0.91	11	50	9.4
47302	<0.5	0.22	0.47	1.18	<0.01	0.08	1.03	1.9	0.05	19	114	119	1.11	8	31	22.1
47303	<0.5	0.61	0.14	2.64	0.01	0.06	1.59	<0.5	0.03	4	62	34	0.40	3	10	5.7
47304	<0.5	0.03	0.79	0.24	<0.01	0.02	0.11	5.5	0.02	26	84	221	13.49	466	1790	10000.0
47305	<0.5	0.03	0.32	0.11	0.01	0.02	0.17	3.3	0.04	13	75	90	3.38	82	325	488.7
47306	<0.5	0.02	0.42	0.07	0.02	0.01	0.13	3.3	0.03	20	104	131	3.11	84	321	717.5
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01A	<0.5	0.01	0.28	0.58	0.08	0.17	1.80	3.1	<0.01	234	130	283	1.95	7	39	101.7
47307	<0.5	0.02	0.38	0.13	<0.01	<0.01	0.14	2.5	0.04	22	82	143	7.86	152	795	10000.0
47308	<0.5	0.02	0.42	0.12	0.04	0.02	0.22	3.1	0.04	45	155	144	2.95	60	192	307.3
47309	<0.5	0.01	0.41	0.12	0.04	0.01	0.21	3.0	0.03	39	143	133	2.69	53	162	258.3
47310	<0.5	0.34	0.19	1.74	0.02	0.07	0.96	0.6	0.02	10	65	44	0.88	6	13	84.9
47311	<0.5	0.44	0.45	2.55	<0.01	0.07	1.46	<0.5	0.02	6	85	70	0.81	10	57	52.4
47312	<0.5	0.33	0.18	1.63	<0.01	0.08	0.86	<0.5	0.01	3	98	48	0.42	3	12	13.3
47313	<0.5	0.41	0.30	2.07	<0.01	0.07	1.07	<0.5	0.02	4	81	41	1.41	18	245	339.0
47314	<0.5	0.69	0.18	3.66	<0.01	0.06	2.01	<0.5	0.02	3	101	33	0.93	13	137	271.1
47315	<0.5	0.45	0.13	2.04	<0.01	0.06	1.10	<0.5	0.01	3	69	32	0.97	18	187	271.4
47316	<0.5	0.16	0.33	0.98	<0.01	0.05	0.33	1.6	0.03	10	83	34	4.46	16	56	607.4
47317	<0.5	0.01	0.13	0.08	<0.01	<0.01	0.06	0.8	<0.01	9	46	33	14.57	502	4090	6889.9
47318	<0.5	0.02	0.25	0.17	<0.01	0.02	0.10	1.5	0.02	9	113	66	1.79	12	66	473.9



Work Order: 078749

Date: 11/08/04

FINAL

Page 7 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47319	<0.5	0.19	0.53	1.14	<0.01	0.09	0.57	1.5	0.04	14	121	93	1.55	22	93	186.8
47320	<0.5	0.17	0.36	0.90	0.02	0.08	0.72	0.9	0.01	9	82	103	0.83	8	20	37.1
47321	<0.5	0.38	0.38	2.02	<0.01	0.07	1.25	1.0	0.03	9	139	94	0.83	6	29	11.7
47322	<0.5	0.27	0.26	1.20	<0.01	0.06	0.72	1.4	0.02	7	76	85	0.52	6	20	15.8
47323	<0.5	0.27	0.46	1.33	<0.01	0.08	1.04	2.7	0.03	16	150	131	1.68	29	249	428.8
47324	<0.5	0.21	0.35	0.95	<0.01	0.06	0.48	2.1	0.03	12	100	54	1.78	33	235	559.5
47325	<0.5	0.19	0.61	0.95	<0.01	0.05	0.54	1.9	0.02	8	159	128	3.07	49	260	516.8
47326	<0.5	0.12	0.55	0.67	<0.01	0.04	0.38	1.8	0.02	8	65	94	4.26	96	476	2027.2
47327	<0.5	<0.01	0.40	0.07	<0.01	0.01	0.12	2.8	0.02	12	69	138	4.02	94	439	1345.4
47328	<0.5	<0.01	0.38	0.07	<0.01	0.02	0.12	2.7	0.02	10	71	116	3.31	97	466	610.5
47329	<0.5	0.21	0.32	0.89	<0.01	0.05	0.49	2.0	0.03	10	129	80	1.62	31	158	155.0
47330	<0.5	0.10	0.30	0.52	<0.01	0.03	0.26	1.9	0.02	9	76	67	4.40	227	743	681.9
47331	<0.5	0.05	0.41	0.25	<0.01	0.02	0.16	3.0	0.03	10	144	107	2.74	68	314	447.1
47332	<0.5	0.01	0.23	0.09	<0.01	<0.01	0.07	2.0	0.02	9	70	60	5.09	198	880	1531.2
47333	<0.5	0.01	0.29	0.07	<0.01	<0.01	0.08	2.7	0.02	10	93	78	3.33	95	426	745.5
47334	<0.5	0.02	0.32	0.08	<0.01	0.01	0.09	1.9	0.02	8	79	91	2.45	72	311	354.3
47335	<0.5	0.02	0.25	0.09	<0.01	0.01	0.07	2.0	0.02	7	49	62	2.51	69	301	443.6
47336	<0.5	<0.01	0.20	0.05	<0.01	<0.01	0.06	1.5	0.02	14	51	67	9.73	57	250	592.4
47337	<0.5	<0.01	0.30	0.06	<0.01	<0.01	0.06	2.1	0.03	14	114	105	14.26	171	921	3069.2
47338	<0.5	0.02	0.26	0.10	<0.01	0.02	0.08	2.0	0.02	11	84	68	12.81	529	1940	2723.7
47339	<0.5	0.01	0.24	0.06	<0.01	0.02	0.06	2.2	0.03	9	79	58	9.45	354	1740	2561.2
47340	<0.5	0.01	0.28	0.06	<0.01	0.01	0.07	2.5	0.02	9	64	68	7.38	228	1200	2721.4
47341	<0.5	0.01	0.26	0.08	<0.01	0.01	0.07	1.9	0.02	10	78	71	>15.00	749	2450	1364.9
47342	<0.5	0.02	0.24	0.13	<0.01	0.01	0.09	1.9	0.02	8	61	58	3.22	63	291	2559.2
47343	<0.5	0.02	0.33	0.11	<0.01	0.01	0.08	2.7	0.02	15	75	74	>15.00	528	2550	9327.4
47344	<0.5	0.03	0.32	0.20	<0.01	0.03	0.12	2.5	0.04	15	57	94	10.94	258	1300	2683.1
*Dup 47451	<0.5	0.13	0.62	1.42	<0.01	0.11	0.91	0.7	0.02	8	50	124	1.10	9	25	14.5
*Dup 47463	<0.5	<0.01	0.35	0.05	<0.01	<0.01	0.10	1.7	0.01	9	57	140	7.69	217	1150	1955.4
*Dup 47475	<0.5	0.03	0.57	0.16	<0.01	0.02	0.23	3.0	0.04	35	171	228	13.83	417	1470	3182.5
*Dup 47487	<0.5	0.01	0.25	0.08	<0.01	<0.01	0.06	2.0	0.02	31	75	99	4.36	145	362	612.8



Work Order: 078749

Date: 11/08/04

FINAL

Page 8 of 16

Element.	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu
Method.	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5
Units.	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
*Dup 47309	<0.5	0.01	0.42	0.12	0.04	0.02	0.22	3.2	0.04	40	142	137	2.64	53	157	259.5
*Dup 47321	<0.5	0.40	0.40	2.20	<0.01	0.08	1.35	1.1	0.04	10	144	100	0.87	6	30	12.5
*Dup 47333	<0.5	0.01	0.30	0.07	<0.01	<0.01	0.09	2.7	0.03	10	90	80	3.32	94	423	740.9
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01A	<0.5	0.01	0.30	0.56	0.08	0.17	1.85	3.4	<0.01	244	134	303	1.99	7	40	109.6



Work Order: 078749

Date: 11/08/04

FINAL

Page 9 of 16

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47451	15.6	<3	37.4	0.6	1.1	<1	0.4	<1	<10	<5	41	0.8	<10	<2	<5	7
47452	15.9	<3	0.9	0.5	1.9	<1	0.5	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
47453	25.4	<3	0.6	0.7	4.8	2	1.0	<1	<10	6	2	<0.5	20	<2	<5	<1
47454	16.1	<3	7.7	0.5	4.3	6	1.0	<1	<10	<5	11	<0.5	19	2	<5	2
47455	20.5	<3	1.6	0.5	13.0	<1	2.7	<1	<10	12	<1	<0.5	68	<2	<5	1
47456	20.3	<3	0.6	0.5	5.8	1	1.0	<1	<10	<5	<1	<0.5	30	<2	<5	<1
47457	30.1	<3	3.1	0.9	11.2	<1	2.2	<1	<10	12	2	<0.5	61	42	<5	1
47458	18.9	3	1.7	0.9	3.5	2	0.6	<1	<10	<5	<1	<0.5	11	3	<5	<1
47459	19.3	3	1.6	0.8	2.2	1	0.6	<1	<10	<5	9	<0.5	<10	13	<5	<1
47460	170.1	<3	15.3	<0.5	10.3	3	0.6	<1	<10	7	19	<0.5	41	7	18	10
47461	44.4	<3	32.9	1.0	3.7	2	<0.2	<1	<10	<5	61	<0.5	12	10	<5	17
47462	198.8	<3	11.2	0.5	14.2	2	0.4	<1	<10	11	10	<0.5	67	9	25	6
47463	22.4	<3	1.0	0.6	4.3	2	1.1	<1	<10	<5	<1	<0.5	23	<2	<5	<1
47464	13.2	<3	1.6	0.7	1.4	<1	0.7	<1	<10	<5	3	<0.5	<10	3	<5	1
47465	19.2	<3	1.4	0.5	2.9	1	0.7	<1	<10	<5	<1	<0.5	13	3	<5	1
47466	12.2	<3	1.3	0.8	1.5	1	<0.2	<1	<10	<5	1	<0.5	<10	<2	<5	<1
47467	6.8	<3	35.2	<0.5	1.0	2	0.2	<1	<10	<5	12	<0.5	<10	<2	<5	2
47468	7.1	<3	4.2	<0.5	3.5	2	0.8	<1	<10	<5	3	<0.5	14	<2	<5	<1
47469	11.5	4	12.9	<0.5	5.1	3	0.9	<1	<10	<5	23	<0.5	26	<2	<5	<1
47470	29.6	<3	2.1	<0.5	12.4	4	2.1	<1	<10	11	<1	<0.5	67	<2	7	<1
47471	22.4	<3	34.7	<0.5	2.3	1	0.3	<1	<10	<5	23	<0.5	<10	3	<5	4
47472	6.9	<3	0.5	<0.5	1.8	1	0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
47473	24.7	<3	0.5	0.8	6.5	2	1.6	<1	<10	8	<1	<0.5	31	2	<5	<1
47474	12.0	<3	0.9	0.8	2.5	1	0.6	<1	<10	<5	2	<0.5	<10	3	<5	<1
47475	36.8	<3	5.1	1.3	8.5	3	1.8	<1	<10	8	14	<0.5	42	<2	<5	<1
47476	29.6	<3	1.0	0.8	7.1	2	1.7	<1	<10	10	4	<0.5	38	<2	<5	2
47477	11.1	3	48.0	<0.5	1.1	2	<0.2	<1	<10	<5	21	<0.5	<10	<2	<5	4
47478	30.5	<3	7.6	0.7	4.6	1	0.9	<1	<10	<5	7	<0.5	25	<2	<5	<1
47479	17.5	<3	1.4	0.8	4.0	2	0.9	<1	<10	6	5	<0.5	17	<2	<5	<1
47480	21.8	<3	1.9	1.1	5.8	<1	1.1	<1	<10	<5	3	<0.5	27	<2	<5	<1



Work Order: 078749

Date: 11/08/04

FINAL

Page 10 of 16

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47481	18.6	<3	0.8	0.7	3.2	1	0.9	<1	<10	<5	<1	<0.5	16	<2	<5	<1
47482	19.9	<3	1.4	0.9	3.9	1	0.8	<1	<10	5	<1	<0.5	15	<2	<5	<1
47483	23.0	<3	1.5	0.6	12.5	2	2.7	<1	<10	10	2	<0.5	72	5	<5	2
47484	21.0	<3	4.2	0.7	3.2	<1	0.6	<1	<10	<5	6	<0.5	14	<2	<5	<1
47485	6.2	<3	30.6	0.6	0.7	2	0.5	<1	<10	<5	38	0.6	<10	2	<5	7
47486	3.8	<3	31.5	<0.5	1.2	<1	0.2	<1	<10	<5	17	<0.5	<10	<2	<5	3
47487	14.9	<3	1.0	<0.5	2.5	1	0.9	<1	<10	<5	<1	<0.5	15	<2	<5	<1
47488	32.3	<3	38.4	0.5	2.8	<1	0.5	<1	<10	<5	53	<0.5	<10	3	<5	8
47489	15.5	4	2.9	0.7	2.1	<1	0.6	<1	<10	<5	3	<0.5	<10	<2	<5	<1
47490	58.9	<3	2.3	2.9	1.8	<1	0.7	<1	<10	<5	62	11.6	<10	<2	<5	2
47301	9.9	<3	50.0	<0.5	1.0	2	0.3	<1	<10	<5	19	<0.5	<10	<2	<5	3
47302	12.0	<3	36.9	1.0	1.6	<1	0.2	<1	<10	<5	32	<0.5	<10	<2	<5	6
47303	4.3	<3	107.8	0.7	<0.5	2	<0.2	<1	<10	<5	19	0.8	<10	<2	<5	3
47304	142.6	<3	2.4	1.1	7.9	<1	1.1	<1	<10	6	6	<0.5	43	6	7	2
47305	11.3	<3	2.5	1.8	2.6	1	0.5	<1	<10	<5	8	<0.5	<10	<2	<5	<1
47306	18.3	<3	0.9	1.4	2.1	<1	0.4	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	177.6	1140	68.4	10.2	7.1	10	2.5	2	<10	115	3550	8.8	12	72	11	3
47307	50.3	<3	3.1	1.0	4.8	1	0.7	<1	<10	<5	4	<0.5	24	3	<5	1
47308	16.6	<3	2.3	2.4	2.8	<1	0.4	<1	<10	<5	5	0.6	<10	<2	<5	<1
47309	15.1	<3	2.2	2.2	1.8	<1	0.2	<1	<10	<5	5	1.0	<10	<2	<5	<1
47310	5.2	<3	63.6	0.9	0.7	2	0.4	<1	<10	<5	31	0.9	<10	<2	<5	4
47311	10.5	<3	101.0	<0.5	1.0	2	<0.2	<1	<10	<5	22	<0.5	<10	<2	<5	9
47312	3.0	<3	87.8	0.5	0.9	<1	<0.2	<1	<10	<5	18	0.7	<10	<2	<5	13
47313	6.3	<3	76.8	<0.5	1.6	2	<0.2	<1	<10	<5	20	<0.5	<10	<2	<5	1
47314	4.8	<3	114.2	<0.5	1.3	<1	0.4	<1	<10	<5	18	1.0	<10	2	<5	4
47315	4.3	<3	79.3	<0.5	0.8	2	0.4	<1	<10	<5	14	<0.5	<10	<2	<5	4
47316	7.8	<3	25.1	<0.5	2.9	<1	0.8	<1	<10	<5	21	<0.5	12	<2	<5	2
47317	24.6	<3	1.3	1.3	8.4	3	1.1	<1	<10	10	<1	<0.5	46	3	<5	<1
47318	10.8	<3	3.0	2.0	1.4	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1



Work Order: 078749

Date: 11/08/04

FINAL

Page 11 of 16

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47319	9.4	<3	28.4	0.8	2.3	2	<0.2	<1	<10	<5	30	<0.5	<10	<2	<5	3
47320	10.2	<3	30.7	0.6	0.6	<1	<0.2	<1	<10	<5	28	1.3	<10	<2	<5	6
47321	8.8	<3	75.1	0.8	1.4	<1	<0.2	<1	<10	<5	26	0.7	<10	<2	<5	8
47322	6.2	<3	46.0	<0.5	1.1	<1	0.4	<1	<10	<5	22	0.5	<10	<2	<5	2
47323	9.2	<3	41.9	0.9	1.8	<1	0.3	<1	<10	<5	27	<0.5	<10	<2	<5	5
47324	8.9	<3	28.1	0.5	1.9	<1	0.3	<1	<10	<5	25	<0.5	<10	<2	<5	2
47325	16.6	<3	29.5	0.6	2.2	<1	0.5	<1	<10	<5	23	<0.5	<10	2	<5	3
47326	19.8	<3	18.7	0.5	2.8	<1	0.5	<1	<10	<5	21	<0.5	11	<2	<5	2
47327	16.8	<3	0.9	0.9	2.6	<1	0.5	<1	<10	<5	9	<0.5	<10	<2	<5	<1
47328	15.6	<3	0.8	0.9	2.4	<1	0.3	<1	<10	<5	10	<0.5	<10	<2	<5	<1
47329	8.1	<3	31.7	0.7	1.2	<1	<0.2	<1	<10	<5	26	<0.5	<10	<2	<5	2
47330	13.9	<3	15.4	0.7	3.1	<1	0.6	<1	<10	<5	19	<0.5	12	<2	<5	2
47331	14.6	<3	6.9	0.8	2.1	<1	0.3	<1	<10	<5	7	<0.5	<10	<2	<5	1
47332	12.9	<3	1.6	0.6	3.2	<1	0.6	<1	<10	<5	3	<0.5	12	<2	<5	<1
47333	10.8	<3	0.9	0.8	2.6	<1	<0.2	<1	<10	<5	9	<0.5	<10	<2	<5	<1
47334	10.4	<3	1.7	0.6	2.2	<1	0.4	<1	<10	<5	2	<0.5	<10	<2	<5	<1
47335	9.2	<3	1.6	0.6	2.0	<1	0.8	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
47336	11.0	<3	0.7	0.6	6.1	<1	1.2	<1	<10	7	<1	<0.5	30	<2	<5	<1
47337	21.9	<3	0.7	0.5	8.8	<1	2.1	<1	<10	9	<1	<0.5	44	<2	<5	<1
47338	17.4	<3	1.7	0.6	8.0	<1	1.7	<1	<10	7	6	<0.5	37	<2	<5	1
47339	16.4	<3	0.7	0.6	5.9	<1	1.3	<1	<10	7	5	<0.5	29	<2	<5	<1
47340	17.5	<3	0.6	0.7	4.9	<1	0.8	<1	<10	<5	3	<0.5	23	3	<5	1
47341	18.7	<3	1.5	0.6	10.4	<1	2.3	<1	<10	7	3	<0.5	55	<2	<5	<1
47342	10.5	<3	3.4	0.5	2.4	<1	0.4	<1	<10	<5	3	<0.5	<10	<2	<5	<1
47343	38.8	<3	1.9	0.8	12.1	<1	2.4	<1	<10	13	7	<0.5	66	<2	6	<1
47344	20.1	3	4.6	0.9	6.8	<1	1.0	<1	<10	<5	19	<0.5	35	<2	<5	<1
*Dup 47451	16.0	<3	38.3	0.6	1.0	<1	0.3	<1	<10	<5	41	0.7	<10	<2	<5	8
*Dup 47463	21.4	<3	1.1	<0.5	4.5	1	0.8	<1	<10	<5	<1	<0.5	21	<2	<5	<1
*Dup 47475	36.1	<3	5.0	1.3	8.5	2	1.5	<1	<10	6	14	<0.5	46	<2	<5	<1
*Dup 47487	14.1	<3	1.0	<0.5	2.6	1	0.7	<1	<10	<5	<1	<0.5	<10	<2	<5	<1



Work Order: 078749

Date: 11/08/04

FINAL

Page 12 of 16

Element.	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
Method.	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det. Lim.	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Dup 47309	15.0	<3	2.3	2.3	2.4	<1	0.2	<1	<10	<5	3	0.7	<10	<2	<5	<1
*Dup 47321	8.8	<3	82.1	0.8	1.7	<1	0.2	<1	<10	<5	30	0.8	<10	<2	<5	8
*Dup 47333	10.9	<3	0.9	0.8	2.7	<1	0.3	<1	<10	<5	9	<0.5	<10	<2	<5	<1
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	183.5	1190	65.7	10.8	7.6	10	2.3	2	<10	117	3740	8.9	16	73	12	4



Work Order: 078749

Date: 11/08/04

FINAL

Page 13 of 16

Element. Method. Det.Lim. Units.	S ICP12B 0.01 %
47451	0.04
47452	1.39
47453	4.81
47454	0.68
47455	>5.00
47456	>5.00
47457	>5.00
47458	3.82
47459	1.80
47460	>5.00
47461	3.36
47462	>5.00
47463	>5.00
47464	0.70
47465	3.15
47466	0.73
47467	0.13
47468	0.14
47469	0.58
47470	3.35
47471	2.11
47472	0.23
47473	>5.00
47474	1.98
47475	>5.00
47476	>5.00
47477	0.29
47478	4.83
47479	3.73
47480	>5.00



Work Order: 078749

Date: 11/08/04

FINAL

Page 14 of 16

Element. Method. Det.Lim. Units.	S ICP12B 0.01 %
47481	3.41
47482	3.34
47483	>5.00
47484	2.37
47485	0.33
47486	0.45
47487	2.31
47488	0.33
47489	1.00
47490	0.18
47301	0.03
47302	0.04
47303	0.01
47304	>5.00
47305	1.73
47306	1.40
*Blk BLANK	<0.01
*Std XRAL01A	0.19
47307	4.99
47308	0.93
47309	0.79
47310	0.13
47311	0.05
47312	0.02
47313	0.29
47314	0.20
47315	0.36
47316	0.29
47317	>5.00
47318	0.14



Work Order: 078749

Date: 11/08/04

FINAL

Page 15 of 16

Element. Method. Det.Lim. Units.	S ICP12B 0.01 %
47319	0.17
47320	0.07
47321	0.02
47322	0.03
47323	0.56
47324	0.67
47325	0.79
47326	2.22
47327	2.14
47328	1.91
47329	0.43
47330	2.24
47331	1.02
47332	3.02
47333	1.41
47334	1.15
47335	1.10
47336	1.23
47337	>5.00
47338	>5.00
47339	>5.00
47340	>5.00
47341	>5.00
47342	2.22
47343	>5.00
47344	>5.00
*Dup 47451	0.04
*Dup 47463	4.81
*Dup 47475	>5.00
*Dup 47487	2.36



Work Order: 078749

Date: 11/08/04

FINAL

Page 16 of 16

Element.	S
Method.	ICP12B
Det.Lim.	0.01
Units.	%
*Dup 47309	0.77
*Dup 47321	0.02
*Dup 47333	1.41
*Blk BLANK	<0.01
*Std XRAL01A	0.20

12 OCT 2004
CENTRE DE SERVICES DES MINES



CERTIFICATE OF ANALYSIS

Work Order: 078937

To: **Pacific Northwest Capital**
Attn: **Dave Lyon**

259 Fielding Road, Unit 3B
LIVELY
ONTARIO, P3Y 1L8


Date : 16/08/04

Copy 1 to : jkleinboeck@pfncapital.com

P.O. No. :
Project No. : PQLM04-P1S
No. of Samples : 89 Rock
Date Submitted : 03/08/04
Report Comprises : Cover Sheet plus
Pages 1 to 16

12 OCT. 2004
CENTRE DE SERVICES DES MINES

Distribution of unused material:
Pulps: STORE
Rejects: STORE

Certified By : 
Tim Elliott, Operations Manager

ISO 9002 REGISTERED
ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions



Work Order: 078937

Date: 16/08/04

FINAL

Page 1 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
*Bik BLANK	<1	<10	<1	--	--	--	--	--	--
47371	2	27	6	3	25	4	--	--	--
47372	10	21	20	--	--	--	--	--	--
47373	11	82	15	--	--	--	--	--	--
47374	10	25	30	--	--	--	--	--	--
47375	7	11	10	--	--	--	--	--	--
47376	8	<10	3	--	--	--	--	--	--
47377	<1	<10	<1	--	--	--	--	--	--
47378	8	<10	8	--	--	--	--	--	--
47379	<1	<10	6	--	--	--	--	--	--
47380	<1	<10	3	--	--	--	--	--	--
47381	11	<10	8	--	--	--	--	--	--
47382	15	<10	3	--	--	--	--	--	--
47383	12	<10	11	12	>10	12	--	--	--
47384	<1	<10	4	--	--	--	--	--	--
47385	<1	<10	<1	--	--	--	--	--	--
47386	18	41	63	--	--	--	--	--	--
47387	6	99	6	--	--	--	--	--	--
47388	2	38	20	--	--	--	--	--	--
47389	9	30	9	--	--	--	--	--	--
47390	3	23	13	--	--	--	--	--	--
*Std PG109	30	63	41	--	--	--	--	--	--
47391	<1	11	8	--	--	--	--	--	--
47392	12	40	9	--	--	--	--	--	--
47393	<1	<10	1	--	--	--	--	--	--
47394	6	19	6	--	--	--	--	--	--
47395	3	<10	<1	2	<10	<1	--	--	--
47396	<1	<10	<1	--	--	--	--	--	--
47397	<1	<10	<1	--	--	--	--	--	--
47398	<1	<10	<1	--	--	--	--	--	--

CENTRE DE SERVICES DES MINES

12 OCT. 2004



Work Order: 078937

Date: 16/08/04

FINAL

Page 2 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47399	<1	<10	<1	--	--	--	--	--	--
47345	15	37	24	--	--	--	--	--	--
47346	16	319	30	--	--	--	--	--	--
47347	11	<10	1	--	--	--	--	--	--
47348	<1	<10	<1	--	--	--	--	--	--
47349	<1	<10	<1	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
47350	<1	<10	<1	--	--	--	--	--	--
47351	<1	<10	<1	--	--	--	--	--	--
47352	<1	<10	1	<1	<10	2	--	--	--
47353	<1	<10	<1	--	--	--	--	--	--
47354	<1	<10	<1	--	--	--	--	--	--
47355	<1	<10	<1	--	--	--	--	--	--
47356A	<1	<10	<1	--	--	--	--	--	--
47356B	<1	<10	<1	--	--	--	--	--	--
47357	<1	<10	<1	--	--	--	--	--	--
47358	<1	<10	<1	--	--	--	--	--	--
47359	<1	<10	<1	--	--	--	--	--	--
47360	<1	<10	<1	--	--	--	--	--	--
47361	<1	<10	<1	--	--	--	--	--	--
*Std PG109	28	63	39	--	--	--	--	--	--
47362	<1	<10	<1	--	--	--	--	--	--
47363	<1	<10	<1	<1	<10	<1	--	--	--
47364	<1	<10	1	--	--	--	--	--	--
47365	<1	<10	<1	--	--	--	--	--	--
47366	<1	<10	<1	--	--	--	--	--	--
47367	12	<10	3	--	--	--	--	--	--
47368	1	<10	<1	--	--	--	--	--	--
47369	<1	<10	<1	--	--	--	--	--	--
47491	3	12	9	--	--	--	--	--	--



Work Order: 078937

Date: 16/08/04

FINAL

Page 3 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47492	5	18	6	--	--	--	--	--	--
47493	6	<10	3	--	--	--	--	--	--
47494	30	33	37	--	--	--	--	--	--
47495	<1	<10	4	--	--	--	--	--	--
47496	26	602	132	24	651	150	--	--	--
*Bjk BLANK	<1	<10	<1	--	--	--	--	--	--
47497	7	<10	6	--	--	--	--	--	--
47498	<1	<10	<1	--	--	--	--	--	--
47499	4	<10	2	--	--	--	--	--	--
47500	<1	<10	<1	--	--	--	--	--	--
47501	<1	<10	<1	--	--	--	--	--	--
47502	11	<10	1	--	--	--	--	--	--
47503	2	<10	<1	--	--	--	--	--	--
47504	21	10	3	--	--	--	--	--	--
47505	7	<10	1	--	--	--	--	--	--
47506	1	<10	<1	--	--	--	--	--	--
47507	<1	<10	<1	--	--	--	--	--	--
47508	17	<10	4	15	<10	5	--	--	--
47509	12	<10	6	--	--	--	--	--	--
*Std PG109	32	65	43	--	--	--	--	--	--
47510	17	<10	<1	--	--	--	--	--	--
47511	<1	<10	<1	--	--	--	--	--	--
47512	5	<10	2	--	--	--	--	--	--
47513	<1	<10	3	--	--	--	--	--	--
47514	1	<10	<1	--	--	--	--	--	--
47515	<1	<10	<1	--	--	--	--	--	--
47516	4	<10	<1	--	--	--	--	--	--
47517	<1	<10	<1	--	--	--	--	--	--
47518	<1	<10	<1	--	--	--	--	--	--
47519	6	<10	<1	--	--	--	--	--	--



Work Order: 078937

Date: 16/08/04

FINAL

Page 4 of 16

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47551	<1	<10	<1	<1	<10	<1	--	--	--
47552	<1	<10	<1	--	--	--	--	--	--
47553	5	<10	2	--	--	--	--	--	--
47554	<1	<10	<1	--	--	--	--	--	--
47555	<1	<10	<1	--	--	--	--	--	--
*Dup 47371	3	25	4	--	--	--	--	--	--
*Dup 47383	12	<10	12	--	--	--	--	--	--
*Dup 47395	2	<10	<1	--	--	--	--	--	--
*Dup 47352	<1	<10	2	--	--	--	--	--	--
*Dup 47363	<1	<10	<1	--	--	--	--	--	--
*Dup 47496	24	651	150	--	--	--	--	--	--
*Dup 47508	15	<10	5	--	--	--	--	--	--
*Dup 47551	<1	<10	<1	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
*Std PG109	28	60	38	--	--	--	--	--	--



Work Order: 078937

Date: 16/08/04

FINAL

Page 5 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47371	<0.5	0.06	0.38	0.36	<0.01	0.04	0.21	3.1	0.03	17	169	130	4.04	71	397	409.6
47372	<0.5	0.04	0.45	0.24	<0.01	0.02	0.17	2.2	0.02	11	75	150	9.83	308	1680	1463.8
47373	<0.5	0.01	0.41	0.09	<0.01	<0.01	0.09	2.1	0.02	9	129	140	9.97	314	1740	1291.3
47374	<0.5	0.01	0.27	0.10	0.02	<0.01	0.07	2.2	0.02	9	70	63	14.31	660	2710	4507.5
47375	<0.5	0.31	0.30	1.43	<0.01	0.09	0.71	1.2	0.03	9	150	52	2.00	34	260	604.4
47376	<0.5	0.31	0.15	1.48	<0.01	0.03	0.72	<0.5	<0.01	3	77	30	1.70	30	257	611.1
47377	<0.5	0.01	0.48	0.09	<0.01	<0.01	0.13	2.4	0.03	37	135	240	3.02	75	303	389.2
47378	<0.5	0.07	0.46	0.32	<0.01	0.01	0.22	3.3	0.05	30	155	98	2.20	57	210	604.0
47379	<0.5	0.36	0.33	1.75	<0.01	0.11	0.82	1.0	0.03	11	87	38	1.61	31	291	671.9
47380	<0.5	0.02	0.30	0.14	<0.01	0.01	0.11	2.6	0.04	14	85	59	2.28	19	84	396.8
47381	<0.5	0.17	0.40	0.70	0.02	0.05	0.45	2.3	0.04	16	81	84	8.03	237	1910	4093.6
47382	<0.5	0.03	0.44	0.13	<0.01	<0.01	0.14	3.2	0.04	15	114	102	2.77	78	82	758.9
47383	<0.5	0.02	0.30	0.08	<0.01	<0.01	0.10	2.5	0.03	13	76	66	3.74	148	682	1000.2
47384	<0.5	0.04	0.48	0.19	<0.01	0.02	0.25	4.2	0.08	43	183	126	2.84	49	204	293.2
47385	<0.5	0.35	0.21	1.67	0.02	0.10	1.06	<0.5	0.02	7	88	47	0.47	3	15	18.2
47386	<0.5	0.04	0.38	0.21	0.01	0.02	0.14	2.3	0.02	17	95	129	>15.00	764	3630	2891.8
47387	<0.5	0.09	0.46	0.74	<0.01	0.09	0.25	2.9	0.05	18	101	57	4.85	46	179	1426.0
47388	<0.5	0.10	0.72	0.57	0.03	0.02	0.79	9.2	0.05	82	294	208	2.91	27	96	1264.2
47389	<0.5	0.01	0.28	0.05	<0.01	<0.01	0.06	2.0	0.03	10	74	71	3.13	99	472	1419.1
47390	<0.5	0.01	0.38	0.08	<0.01	<0.01	0.10	2.7	0.03	19	106	89	6.29	224	1090	1611.4
47391	<0.5	<0.01	0.28	0.07	<0.01	<0.01	0.07	2.6	0.03	20	90	61	4.52	193	1150	917.2
47392	<0.5	0.04	0.59	0.24	<0.01	0.01	0.23	4.5	0.04	21	143	119	4.20	122	612	1176.6
47393	<0.5	0.01	0.54	0.08	<0.01	<0.01	0.14	3.1	0.03	18	101	156	2.52	64	283	322.3
47394	<0.5	<0.01	0.39	0.06	<0.01	<0.01	0.08	2.4	0.02	14	87	104	3.28	88	391	1110.9
47395	<0.5	0.08	0.42	0.39	<0.01	0.02	0.18	2.9	0.03	16	157	117	2.47	48	184	280.3
47396	<0.5	<0.01	0.57	0.06	0.03	<0.01	0.20	2.4	<0.01	8	119	243	0.99	9	51	24.5
47397	<0.5	0.56	0.21	2.34	<0.01	0.07	1.23	<0.5	0.02	4	225	54	0.75	2	12	7.0
47398	<0.5	0.04	0.50	0.24	<0.01	0.04	0.30	4.1	0.06	23	155	151	1.50	16	46	97.0
47399	<0.5	0.31	0.68	1.79	<0.01	0.21	1.04	0.7	0.04	7	155	118	1.08	12	39	10.3
47345	<0.5	0.02	0.25	0.13	0.01	0.02	0.07	2.7	0.02	12	91	70	>15.00	633	2970	2572.0



Work Order: 078937

Date: 16/08/04

FINAL

Page 6 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47346	<0.5	0.01	0.23	0.11	0.02	0.02	0.05	2.9	0.02	13	83	59	>15.00	696	3290	4939.9
47347	<0.5	0.02	0.33	0.09	<0.01	0.01	0.10	2.6	0.03	10	125	98	3.25	64	292	966.0
47348	<0.5	0.04	0.46	0.23	<0.01	0.02	0.21	3.3	0.04	18	112	167	1.76	36	129	134.4
47349	<0.5	0.02	0.35	0.17	0.06	0.01	0.25	3.0	0.02	13	93	102	2.04	57	205	239.8
47350	<0.5	0.03	0.41	0.22	<0.01	0.01	0.17	3.6	0.06	23	119	129	2.07	42	131	156.3
47351	<0.5	0.43	0.55	2.46	<0.01	0.10	1.34	1.1	0.02	3	106	87	0.80	11	56	10.5
47352	<0.5	0.43	0.51	2.50	<0.01	0.10	1.36	<0.5	0.02	3	101	82	0.77	13	64	13.8
47353	<0.5	0.42	0.51	2.42	<0.01	0.09	1.31	0.6	0.02	4	93	95	0.79	10	41	14.7
47354	<0.5	0.42	0.44	2.34	<0.01	0.08	1.30	0.6	0.02	4	94	87	0.71	9	43	12.3
47355	<0.5	0.41	0.44	2.01	<0.01	0.09	1.12	1.2	0.03	7	91	76	0.83	7	28	8.8
47356A	<0.5	0.31	0.23	1.61	<0.01	0.05	0.83	0.7	0.02	6	84	70	1.44	8	33	204.8
47356B	<0.5	0.24	0.18	1.25	<0.01	0.05	0.70	<0.5	<0.01	3	40	54	0.60	1	6	11.9
47357	<0.5	0.26	0.20	1.32	<0.01	0.04	0.76	<0.5	<0.01	3	58	59	0.52	2	7	5.3
47358	<0.5	0.24	0.25	1.30	<0.01	0.05	0.74	<0.5	<0.01	3	38	56	0.49	2	6	2.9
47359	<0.5	0.35	0.25	1.63	<0.01	0.05	1.00	<0.5	0.01	4	83	54	0.49	3	9	5.0
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01A	<0.5	<0.01	0.29	0.54	0.08	0.17	1.93	3.0	<0.01	232	130	302	1.91	6	43	110.2
47360	<0.5	0.26	0.25	1.28	<0.01	0.04	0.78	<0.5	0.01	3	38	46	0.44	3	10	6.4
47361	<0.5	0.06	0.45	0.30	<0.01	0.02	0.25	3.5	0.04	20	101	179	1.51	29	97	93.0
47362	<0.5	0.03	0.42	0.18	<0.01	0.01	0.19	2.9	0.04	23	111	163	1.86	46	172	186.7
47363	<0.5	0.12	0.49	0.64	<0.01	0.04	0.44	3.3	0.04	14	93	177	1.68	36	151	145.3
47364	<0.5	0.54	0.41	3.09	<0.01	0.08	1.94	1.2	0.03	7	80	89	0.64	7	33	6.5
47365	<0.5	0.42	0.50	2.44	<0.01	0.13	1.39	0.7	0.04	7	86	106	0.89	8	32	8.7
47366	<0.5	0.29	0.25	1.38	<0.01	0.05	0.73	1.0	0.02	6	81	66	1.00	5	22	41.5
47367	<0.5	0.03	0.20	0.16	<0.01	0.01	0.10	2.0	0.03	13	70	63	2.45	15	47	576.2
47368	<0.5	0.06	0.41	0.37	0.02	0.04	0.25	3.8	0.07	25	386	135	2.57	22	75	241.9
47369	<0.5	0.22	0.33	1.12	0.01	0.07	0.56	1.9	0.03	10	72	103	1.07	13	49	52.4
47491	<0.5	0.10	0.37	0.55	<0.01	0.04	0.22	2.8	0.03	19	180	85	2.95	37	125	261.7
47492	<0.5	0.04	0.36	0.35	<0.01	0.03	0.13	3.0	0.03	18	89	70	2.42	49	121	590.9
47493	<0.5	0.02	0.41	0.09	<0.01	<0.01	0.10	3.0	0.03	20	114	128	4.81	143	660	842.2



Work Order: 078937

Date: 16/08/04

FINAL

Page 7 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47494	<0.5	0.02	0.33	0.15	<0.01	<0.01	0.06	2.7	0.02	24	91	67	12.38	418	2150	2119.1
47495	<0.5	0.02	0.47	0.11	<0.01	<0.01	0.12	2.8	0.04	15	111	124	2.07	63	253	281.5
47496	<0.5	0.55	0.77	3.29	<0.01	0.15	1.86	2.4	0.05	19	102	153	8.95	213	1700	4205.2
47497	<0.5	0.01	0.51	0.09	<0.01	0.01	0.11	2.3	0.04	100	178	96	4.88	30	169	296.2
47498	<0.5	0.25	0.27	1.28	<0.01	0.05	0.64	1.4	0.05	92	206	100	2.11	16	58	80.9
47499	<0.5	0.02	0.23	0.07	<0.01	<0.01	0.12	3.2	0.03	22	79	101	3.61	68	153	779.4
47500	<0.5	0.30	0.50	1.42	<0.01	0.12	0.79	2.0	0.06	12	86	105	1.35	14	32	89.5
47501	<0.5	0.28	0.51	1.39	<0.01	0.12	0.77	2.0	0.06	13	120	108	1.38	11	26	88.3
47502	<0.5	0.01	0.22	0.04	<0.01	<0.01	0.07	1.8	0.02	6	58	59	0.99	24	90	459.9
47503	<0.5	0.03	0.35	0.12	<0.01	0.02	0.13	3.1	0.03	12	123	101	1.95	18	27	234.7
47504	<0.5	<0.01	0.30	0.04	0.02	<0.01	0.07	2.1	0.01	6	59	83	6.68	156	874	4479.5
47505	<0.5	0.22	0.69	1.27	0.04	0.04	1.16	5.2	0.06	39	66	193	2.60	33	139	182.2
47506	<0.5	0.03	0.24	0.15	0.03	0.02	0.23	3.8	0.09	25	55	70	1.94	37	98	427.2
47507	<0.5	0.05	0.09	0.26	<0.01	0.02	0.05	0.7	0.03	30	70	31	2.00	3	6	62.6
47508	<0.5	0.03	0.49	0.16	<0.01	0.03	0.13	4.2	0.03	18	144	179	7.04	204	954	4999.6
47509	<0.5	0.02	0.40	0.09	0.01	0.02	0.08	3.0	0.03	11	107	119	8.53	265	1120	3000.1
47510	<0.5	0.36	0.99	2.04	0.01	0.11	1.45	1.3	0.04	9	105	181	3.76	113	295	1446.6
47511	<0.5	0.10	0.34	0.85	0.01	0.08	0.67	1.1	0.02	8	61	104	1.13	19	121	133.3
47512	<0.5	0.03	0.38	0.16	<0.01	0.01	0.17	3.6	0.03	15	68	120	3.03	68	264	735.7
47513	<0.5	0.30	0.30	1.51	0.01	0.08	0.86	1.0	0.03	8	64	63	0.66	8	81	62.9
47514	<0.5	0.02	0.57	0.11	<0.01	<0.01	0.14	4.3	0.04	33	155	230	2.92	60	185	205.3
47515	<0.5	0.17	0.37	0.83	<0.01	0.15	0.54	2.2	0.08	26	57	69	1.05	11	20	139.4
47516	<0.5	0.21	1.06	1.16	<0.01	0.26	1.25	10.6	0.24	87	84	200	4.13	19	28	477.1
47517	<0.5	0.17	0.68	1.15	0.04	0.10	1.03	3.0	0.09	23	47	107	1.99	28	36	339.2
47518	<0.5	0.11	0.84	1.00	<0.01	0.11	0.73	3.5	0.17	42	57	138	1.65	22	33	115.4
47519	<0.5	0.70	0.07	3.97	0.01	0.08	2.32	0.9	0.04	37	69	42	3.30	29	111	1552.7
47551	<0.5	0.08	0.07	0.26	0.08	0.13	0.30	1.1	0.03	7	75	117	1.41	2	4	10.9
47552	<0.5	0.18	0.44	0.84	<0.01	0.13	0.70	3.6	0.13	25	35	112	1.11	7	6	16.3
47553	<0.5	0.04	0.26	0.50	0.05	0.18	0.11	1.5	0.04	24	94	79	2.68	16	32	148.8
47554	<0.5	0.34	0.27	1.55	0.02	0.08	1.03	1.9	0.06	18	47	85	0.73	4	6	1.7



Work Order: 078937

Date: 16/08/04

FINAL

Page 8 of 16

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47555	<0.5	1.23	0.45	7.55	0.01	0.15	4.57	1.4	0.03	12	54	73	0.66	4	12	3.3
*Rep 47365	<0.5	0.43	0.47	2.40	<0.01	0.08	1.58	1.7	0.03	9	88	105	0.71	8	42	7.7
*Dup 47371	<0.5	0.06	0.38	0.36	<0.01	0.03	0.22	3.1	0.03	17	166	130	3.81	71	408	399.6
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01A	<0.5	<0.01	0.29	0.55	0.08	0.17	1.86	2.7	<0.01	231	130	302	1.86	6	43	108.8
*Dup 47383	<0.5	0.01	0.30	0.08	<0.01	<0.01	0.10	2.5	0.03	13	74	71	3.69	151	701	1004.7
*Dup 47395	<0.5	0.08	0.41	0.40	<0.01	0.02	0.18	2.7	0.03	15	142	116	2.44	45	174	275.0
*Dup 47352	<0.5	0.45	0.50	2.54	<0.01	0.10	1.37	<0.5	0.02	3	95	80	0.75	12	63	13.8
*Dup 47363	<0.5	0.12	0.45	0.61	<0.01	0.04	0.42	3.0	0.03	12	84	166	1.61	35	146	142.2
*Dup 47496	<0.5	0.50	0.74	3.06	<0.01	0.15	1.71	2.1	0.05	17	94	141	8.80	215	1730	4126.3
*Dup 47508	<0.5	0.02	0.45	0.15	<0.01	0.02	0.13	3.6	0.03	16	129	165	6.80	196	921	4851.2
*Dup 47551	<0.5	0.08	0.07	0.26	0.08	0.14	0.29	1.0	0.03	6	72	115	1.36	2	4	10.7
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	0.9
*Std XRAL01A	<0.5	<0.01	0.28	0.55	0.08	0.17	1.88	3.0	<0.01	228	126	299	1.86	6	42	109.0



Work Order: 078937

Date: 16/08/04

FINAL

Page 9 of 16

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47371	8.9	<3	7.8	1.0	1.6	1	<0.2	<1	<10	<5	12	<0.5	<10	3	<5	<1
47372	13.9	<3	6.9	0.8	1.5	1	0.5	<1	<10	<5	9	<0.5	<10	8	<5	<1
47373	12.3	<3	1.7	0.7	1.7	1	0.5	<1	<10	<5	<1	<0.5	<10	8	<5	<1
47374	12.4	<3	1.3	0.8	1.8	3	1.1	<1	<10	<5	3	<0.5	<10	14	<5	<1
47375	7.8	<3	44.6	<0.5	1.1	<1	<0.2	<1	<10	<5	23	0.6	<10	<2	<5	2
47376	3.0	<3	46.9	<0.5	0.8	2	<0.2	<1	<10	<5	11	<0.5	<10	<2	<5	2
47377	15.0	<3	1.4	0.6	0.9	1	<0.2	<1	<10	<5	4	<0.5	<10	2	<5	<1
47378	10.1	<3	8.6	0.7	1.1	<1	<0.2	<1	<10	<5	6	<0.5	<10	<2	<5	<1
47379	5.9	<3	53.3	<0.5	0.8	1	0.2	<1	<10	<5	36	<0.5	<10	<2	<5	2
47380	5.2	<3	1.9	0.7	1.4	1	<0.2	<1	<10	<5	3	<0.5	<10	<2	<5	<1
47381	29.7	<3	23.9	0.7	1.8	3	0.8	<1	<10	<5	19	<0.5	<10	7	<5	<1
47382	10.1	<3	3.0	0.8	1.4	1	0.3	<1	<10	<5	4	<0.5	<10	<2	<5	<1
47383	10.2	<3	0.8	0.9	1.6	2	<0.2	<1	<10	<5	<1	<0.5	<10	3	<5	<1
47384	12.9	<3	2.9	2.6	2.4	1	<0.2	<1	<10	<5	7	0.5	<10	<2	<5	<1
47385	7.1	<3	66.4	<0.5	0.7	2	<0.2	<1	<10	<5	19	0.9	<10	<2	<5	6
47386	21.1	<3	4.9	0.9	2.8	2	0.9	1	<10	<5	6	<0.5	<10	17	<5	1
47387	12.9	<3	10.2	0.5	1.6	2	0.2	<1	<10	<5	44	0.6	<10	3	<5	2
47388	15.9	<3	13.2	5.6	2.9	1	0.3	<1	<10	<5	6	0.9	<10	2	<5	<1
47389	18.0	<3	0.7	<0.5	1.2	1	0.2	<1	<10	<5	3	<0.5	<10	2	<5	<1
47390	15.8	<3	1.1	0.7	1.4	1	0.5	<1	<10	<5	4	<0.5	<10	5	<5	<1
47391	15.5	<3	0.6	0.7	1.4	1	0.3	<1	<10	<5	2	<0.5	<10	4	<5	<1
47392	16.3	<3	3.9	1.0	1.7	1	0.3	<1	<10	<5	3	<0.5	<10	3	<5	<1
47393	15.3	<3	1.2	0.7	0.9	1	<0.2	<1	<10	<5	2	<0.5	<10	<2	<5	<1
47394	14.2	<3	0.8	0.8	0.9	2	0.2	<1	<10	<5	9	<0.5	<10	3	<5	<1
47395	12.9	<3	9.2	0.6	1.1	<1	<0.2	<1	<10	<5	7	<0.5	<10	<2	<5	1
47396	18.5	<3	2.1	3.6	0.9	1	<0.2	<1	<10	<5	2	2.5	<10	<2	<5	<1
47397	4.6	<3	80.6	<0.5	0.9	1	<0.2	<1	<10	<5	27	0.6	<10	<2	<5	3
47398	21.7	<3	3.0	1.7	2.6	<1	<0.2	<1	<10	<5	14	1.0	<10	<2	<5	<1
47399	13.4	<3	58.5	<0.5	2.1	1	<0.2	<1	<10	<5	84	0.8	<10	<2	<5	1
47345	16.5	<3	2.4	0.8	2.6	<1	0.8	<1	<10	<5	15	<0.5	<10	15	<5	<1



Work Order: 078937

Date: 16/08/04

FINAL

Page 10 of 16

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47346	31.8	<3	1.4	0.8	2.4	1	1.1	1	<10	<5	18	<0.5	<10	15	<5	<1
47347	15.2	<3	1.8	0.8	1.6	<1	0.3	<1	<10	<5	19	<0.5	<10	2	<5	<1
47348	12.8	<3	5.7	1.1	1.4	<1	<0.2	<1	<10	<5	17	<0.5	<10	<2	<5	<1
47349	12.4	<3	4.4	2.2	1.5	<1	<0.2	<1	<10	<5	18	0.9	<10	<2	<5	<1
47350	12.5	<3	3.7	1.2	1.6	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1
47351	8.1	<3	88.5	<0.5	1.6	2	<0.2	<1	<10	<5	45	0.6	<10	<2	<5	3
47352	8.1	<3	89.6	<0.5	1.5	<1	<0.2	<1	<10	<5	47	0.6	<10	<2	<5	3
47353	8.6	<3	86.6	<0.5	1.5	<1	<0.2	<1	<10	<5	49	0.9	<10	<2	<5	3
47354	7.4	<3	87.0	<0.5	1.5	<1	<0.2	<1	<10	<5	44	1.0	<10	<2	<5	3
47355	6.7	<3	70.7	<0.5	2.1	<1	<0.2	<1	<10	<5	62	0.5	<10	<2	<5	2
47356A	4.9	<3	57.4	<0.5	1.2	2	<0.2	<1	<10	<5	26	0.6	<10	<2	<5	3
47356B	3.3	<3	41.2	<0.5	0.7	1	<0.2	<1	<10	<5	19	0.6	<10	<2	<5	4
47357	3.6	<3	44.2	<0.5	0.6	<1	<0.2	<1	<10	<5	15	0.5	<10	<2	<5	4
47358	3.7	<3	42.1	<0.5	0.6	<1	<0.2	<1	<10	<5	13	<0.5	<10	<2	<5	5
47359	6.2	<3	57.5	<0.5	0.9	<1	<0.2	<1	<10	<5	17	<0.5	<10	<2	<5	4
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	180.1	1180	62.3	9.8	6.0	10	2.1	3	<10	118	3590	8.4	14	70	11	3
47360	5.7	<3	44.1	<0.5	0.7	<1	<0.2	<1	<10	<5	28	<0.5	<10	<2	<5	3
47361	12.8	<3	7.9	1.2	1.4	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	1
47362	12.3	<3	4.6	1.0	1.3	<1	<0.2	<1	<10	<5	4	<0.5	<10	<2	<5	<1
47363	11.9	<3	20.5	1.2	1.8	<1	<0.2	<1	<10	<5	19	<0.5	<10	<2	<5	2
47364	6.2	<3	122.0	<0.5	1.6	<1	<0.2	<1	<10	<5	52	0.7	<10	<2	<5	3
47365	11.2	<3	87.8	<0.5	1.4	1	<0.2	<1	<10	<5	72	1.0	<10	<2	<5	5
47366	5.7	<3	45.7	<0.5	1.2	2	<0.2	<1	<10	<5	20	<0.5	<10	<2	<5	2
47367	7.0	<3	3.4	0.6	1.3	2	<0.2	<1	<10	<5	12	<0.5	<10	<2	<5	<1
47368	11.4	<3	9.3	1.8	2.8	3	<0.2	<1	<10	<5	29	1.6	<10	<2	<5	<1
47369	8.8	<3	35.2	1.1	1.2	1	<0.2	<1	<10	<5	29	0.9	<10	<2	<5	4
47491	8.9	<3	14.7	0.6	1.3	<1	<0.2	<1	<10	<5	16	<0.5	<10	<2	<5	2
47492	7.6	<3	5.3	0.5	1.1	<1	<0.2	<1	<10	<5	10	<0.5	<10	<2	<5	<1
47493	16.9	<3	1.9	0.6	1.7	1	<0.2	<1	<10	<5	5	<0.5	<10	4	<5	<1



Work Order: 078937

Date: 16/08/04

FINAL

Page 11 of 16

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47494	19.4	<3	2.0	0.6	2.1	2	0.7	<1	<10	<5	4	<0.5	<10	11	<5	1
47495	10.4	<3	2.1	0.7	1.2	<1	<0.2	<1	<10	<5	5	<0.5	<10	<2	<5	<1
47496	28.4	<3	112.1	1.2	2.6	1	0.9	<1	<10	<5	49	1.0	<10	7	<5	6
47497	14.2	<3	2.1	1.2	1.6	<1	<0.2	<1	<10	<5	8	<0.5	<10	3	<5	<1
47498	12.5	<3	44.1	<0.5	1.0	2	<0.2	<1	<10	<5	15	<0.5	<10	<2	<5	2
47499	14.7	<3	1.8	0.7	1.7	<1	0.3	<1	<10	<5	5	<0.5	<10	3	<5	<1
47500	11.1	<3	41.2	0.7	2.5	2	<0.2	<1	<10	<5	49	0.7	<10	<2	<5	3
47501	12.3	<3	39.7	0.7	2.7	<1	<0.2	<1	<10	<5	48	0.7	<10	<2	<5	2
47502	8.6	<3	0.9	0.8	1.0	<1	<0.2	<1	<10	<5	7	<0.5	<10	<2	<5	<1
47503	8.3	<3	2.6	1.2	1.6	<1	<0.2	<1	<10	<5	13	<0.5	<10	<2	<5	<1
47504	23.8	<3	0.6	0.7	1.3	1	0.7	<1	<10	<5	<1	<0.5	<10	7	<5	<1
47505	16.1	<3	26.4	3.2	2.8	1	<0.2	<1	<10	<5	13	1.9	<10	<2	<5	1
47506	13.2	<3	3.5	1.4	2.2	1	<0.2	<1	<10	<5	10	1.5	<10	<2	<5	<1
47507	6.9	<3	7.3	<0.5	2.1	<1	<0.2	<1	<10	<5	12	<0.5	<10	<2	<5	<1
47508	34.0	<3	2.3	2.2	1.9	1	0.8	<1	<10	<5	29	<0.5	<10	6	<5	<1
47509	19.6	<3	1.4	1.6	1.5	<1	0.5	<1	<10	<5	12	<0.5	<10	8	<5	<1
47510	24.1	<3	80.4	0.7	3.1	2	0.4	<1	<10	<5	38	0.8	<10	<2	<5	3
47511	9.7	<3	19.7	1.2	0.9	<1	<0.2	<1	<10	<5	46	1.0	<10	<2	<5	6
47512	14.0	<3	4.2	1.6	1.5	2	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1
47513	5.7	<3	53.7	1.5	1.3	2	<0.2	<1	<10	<5	19	0.8	<10	<2	<5	9
47514	17.3	<3	1.5	0.9	1.5	<1	<0.2	<1	<10	<5	2	<0.5	<10	2	<5	<1
47515	11.7	<3	25.2	3.8	3.5	1	<0.2	<1	<10	<5	41	1.7	<10	<2	<5	3
47516	37.3	<3	13.7	14.2	13.4	5	<0.2	<1	<10	<5	69	4.3	<10	<2	<5	2
47517	14.7	<3	23.4	5.2	7.1	2	<0.2	<1	<10	<5	19	3.2	<10	<2	<5	7
47518	24.7	<3	14.2	7.0	7.4	<1	<0.2	<1	<10	<5	17	3.3	<10	<2	<5	11
47519	11.4	<3	120.5	0.9	2.0	2	0.3	<1	<10	<5	23	1.4	<10	<2	<5	2
47551	52.0	<3	4.4	80.9	3.7	6	<0.2	<1	<10	<5	28	63.2	<10	3	<5	<1
47552	18.4	<3	17.1	5.2	6.0	1	<0.2	<1	<10	<5	57	1.6	<10	<2	<5	3
47553	25.1	<3	7.9	1.5	1.4	23	<0.2	<1	<10	<5	32	6.1	<10	3	<5	5
47554	9.6	<3	50.0	1.3	3.9	1	<0.2	<1	<10	<5	36	1.1	<10	<2	<5	2



Work Order: 078937

Date: 16/08/04

FINAL

Page 12 of 16

Element.	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
Method.	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
47555	4.7	<3	221.0	1.3	3.3	1	0.2	<1	<10	<5	44	1.7	<10	<2	<5	11
*Rep 47365	7.5	<3	94.8	<0.5	1.8	<1	<0.2	<1	<10	<5	43	0.7	<10	<2	<5	3
*Dup 47371	8.9	<3	8.3	1.0	1.9	<1	<0.2	<1	<10	<5	12	<0.5	<10	3	<5	<1
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	176.5	1150	61.9	9.7	5.9	10	2.1	3	<10	116	3570	8.5	15	75	12	3
*Dup 47383	9.7	<3	0.8	0.9	1.6	2	<0.2	<1	<10	<5	<1	<0.5	<10	3	<5	<1
*Dup 47395	11.6	<3	9.7	0.6	1.2	<1	<0.2	<1	<10	<5	6	<0.5	<10	<2	<5	1
*Dup 47352	7.9	<3	91.5	<0.5	1.4	<1	<0.2	<1	<10	<5	49	0.6	<10	<2	<5	3
*Dup 47363	12.0	<3	20.0	1.0	1.6	<1	<0.2	<1	<10	<5	17	<0.5	<10	<2	<5	2
*Dup 47496	28.4	<3	104.3	1.1	2.5	2	0.9	<1	<10	<5	49	1.0	<10	6	<5	6
*Dup 47508	32.1	<3	2.3	1.9	1.6	1	0.7	<1	<10	<5	28	<0.5	<10	7	<5	<1
*Dup 47551	50.2	<3	4.3	79.9	3.5	6	<0.2	<1	<10	<5	30	60.1	<10	3	<5	<1
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	174.5	1140	62.3	9.7	6.3	8	2.3	3	<10	117	3470	8.4	12	69	11	3



Work Order: 078937

Date: 16/08/04

FINAL

Page 13 of 16

Element. Method. Def. Lim. Units.	S ICP12B 0.01 %
47371	0.92
47372	>5.00
47373	>5.00
47374	>5.00
47375	0.68
47376	0.60
47377	0.91
47378	0.66
47379	0.53
47380	0.44
47381	>5.00
47382	0.90
47383	2.47
47384	0.65
47385	0.02
47386	>5.00
47387	0.58
47388	0.34
47389	1.71
47390	4.39
47391	3.47
47392	2.03
47393	0.86
47394	1.45
47395	0.58
47396	0.05
47397	0.01
47398	0.14
47399	0.03
47345	>5.00



Work Order: 078937

Date: 16/08/04

FINAL

Page 14 of 16

Element.	S
Method.	ICP12B
Det.Lim.	0.01
Units.	%
47346	>5.00
47347	1.41
47348	0.45
47349	0.67
47350	0.44
47351	0.02
47352	0.02
47353	0.02
47354	0.02
47355	0.02
47356A	0.12
47356B	0.01
47357	0.01
47358	0.01
47359	0.02
*Bik BLANK	<0.01
*Std XRAL01A	0.18
47360	0.02
47361	0.29
47362	0.60
47363	0.41
47364	0.02
47365	0.02
47366	0.02
47367	0.28
47368	0.19
47369	0.07
47491	0.33
47492	0.47
47493	2.84



Work Order: 078937

Date: 16/08/04

FINAL

Page 15 of 16

Element. Method. Det.Lim. Units.	S ICPI2B 0.01 %
47494	> 5.00
47495	0.77
47496	> 5.00
47497	0.28
47498	0.14
47499	1.05
47500	0.08
47501	0.05
47502	0.61
47503	0.20
47504	4.82
47505	0.37
47506	0.39
47507	0.05
47508	4.77
47509	> 5.00
47510	1.86
47511	0.33
47512	1.28
47513	0.10
47514	0.75
47515	0.18
47516	0.23
47517	0.53
47518	0.21
47519	0.81
47551	0.02
47552	0.03
47553	0.59
47554	<0.01



Work Order: 078937

Date: 16/08/04

FINAL

Page 16 of 16

Element.	S
Method.	ICP12B
Det.Lim.	0.01
Units.	%
47555	0.01
*Rep 47365	0.02
*Dup 47371	0.96
*Blk BLANK	<0.01
*Std XRAL01A	0.18
*Dup 47383	2.51
*Dup 47395	0.56
*Dup 47352	0.02
*Dup 47363	0.40
*Dup 47496	>5.00
*Dup 47508	4.60
*Dup 47551	0.02
*Blk BLANK	<0.01
*Std XRAL01A	0.18

CENTRE DE SERVICES DES MINES

12 OCT. 2004



CERTIFICATE OF ANALYSIS

Work Order: 079038

To: **Pacific Northwest Capital**
Attn: **Dave Lyon**

Date : 19/08/04

259 Fielding Road, Unit 3B
LIVELY
ONTARIO, P3Y 1L8

Copy 1 to : jkleinboeck@pfncapital.com

P.O. No. :
Project No. : PQLM04-P1S
No. of Samples : 36 Rock
Date Submitted : 06/08/04
Report Comprises : Cover Sheet plus
Pages 1 to 8

12 OCT. 2004

CENTRE DE SERVICES DES MINES

Distribution of unused material:

Pulps: STORE
Rejects: STORE

Certified By :


Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions



Work Order: 079038

Date: 19/08/04

FINAL

Page 1 of 8

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
*Blk PREP-BLANK	n.a.	n.a.	n.a.	--	--	--	--	--	--
47520	4	29	18	5	28	19	--	--	--
47521	<1	<10	<1	--	--	--	--	--	--
47522	4	<10	6	--	--	--	--	--	--
47523	8	<10	18	--	--	--	--	--	--
47524	16	14	22	--	--	--	--	--	--
47525	4	<10	8	--	--	--	--	--	--
47526	9	<10	14	--	--	--	--	--	--
47527	8	24	17	--	--	--	--	--	--
47528	18	42	37	--	--	--	--	--	--
47529	15	25	36	--	--	--	--	--	--
47530	<1	<10	<1	--	--	--	--	--	--
47531	<1	<10	<1	--	--	--	--	--	--
47532	2	<10	<1	3	<10	<1	--	--	--
47533	2	<10	<1	--	--	--	--	--	--
47534	1	<10	<1	--	--	--	--	--	--
47535	8	<10	4	--	--	--	--	--	--
47536	<1	<10	<1	--	--	--	--	--	--
47400	<1	<10	<1	--	--	--	--	--	--
47556	<1	<10	<1	--	--	--	--	--	--
47557	9	<10	<1	--	--	--	--	--	--
47558	<1	<10	2	--	--	--	--	--	--
47559	5	14	3	--	--	--	--	--	--
47560	7	12	3	--	--	--	--	--	--
47561	5	17	35	--	--	--	--	--	--
47562	<1	<10	<1	<1	>10	>1	--	--	--
*Std PG109	30	61	42	--	--	--	--	--	--
47563	<1	<10	<1	--	--	--	--	--	--
47564	2	<10	<1	--	--	--	--	--	--

12 OCT. 2004
 CENTRE DE SERVICES DES MINES



Work Order: 079038

Date: 19/08/04

FINAL

Page 2 of 8

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47565	48	101	68	--	--	--	--	--	--
47566	20	28	17	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
47567	<1	<10	2	--	--	--	--	--	--
47568	2	<10	<1	--	--	--	--	--	--
47569	<1	<10	<1	--	--	--	--	--	--
47570	1	<10	3	--	--	--	--	--	--
47571	1	<10	1	--	--	--	--	--	--
47572	<1	<10	<1	--	--	--	--	--	--
47573	<1	<10	<1	--	--	--	--	--	--
*Dup 47520	5	28	19	--	--	--	--	--	--
*Dup 47532	3	<10	<1	--	--	--	--	--	--
*Dup 47562	<1	<10	<1	--	--	--	--	--	--
*Std PG109	29	59	41	--	--	--	--	--	--



Work Order: 079038

Date: 19/08/04

FINAL

Page 3 of 8

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
*Blk PREP-BLANK	<0.5	0.04	0.59	0.92	0.11	0.67	0.51	5.0	0.27	37	62	168	2.34	6	3	9.4
47520	<0.5	0.03	1.03	0.28	<0.01	0.02	0.38	3.1	0.03	109	565	172	4.27	26	195	115.4
47521	<0.5	0.32	0.23	1.84	0.04	0.09	1.38	0.7	0.03	9	73	69	0.73	5	11	15.5
47522	<0.5	0.23	0.27	1.27	<0.01	0.07	0.71	<0.5	0.01	7	65	47	1.58	26	232	299.4
47523	<0.5	0.02	0.48	0.15	<0.01	0.02	0.16	3.0	0.02	40	85	175	2.99	60	160	601.3
47524	<0.5	0.09	0.20	0.69	<0.01	0.04	0.15	0.9	0.02	16	78	51	>15.00	567	3270	2272.6
47525	<0.5	0.34	0.33	1.99	<0.01	0.13	0.98	0.8	0.02	16	63	74	4.42	71	373	510.0
47526	<0.5	0.04	0.30	0.21	<0.01	0.02	0.14	2.3	0.02	22	71	96	8.73	213	1250	737.1
47527	<0.5	0.05	0.32	0.17	<0.01	0.02	0.11	1.9	0.03	26	72	65	9.90	226	1320	1173.0
47528	<0.5	0.06	0.25	0.07	<0.01	0.01	0.06	1.3	0.02	16	55	64	>15.00	540	3050	2075.3
47529	<0.5	0.07	0.21	0.07	<0.01	0.01	0.05	1.2	0.02	13	46	39	>15.00	581	3340	1418.8
47530	<0.5	0.33	1.41	2.44	0.08	0.68	1.41	3.7	0.13	99	118	192	4.36	28	60	61.7
47531	<0.5	0.19	0.77	1.29	0.01	0.15	0.79	1.3	0.04	20	70	93	1.75	25	130	116.3
47532	<0.5	0.30	1.41	2.33	0.08	0.65	1.33	3.8	0.14	107	108	194	4.56	29	52	55.0
47533	<0.5	0.52	0.40	2.66	<0.01	0.11	1.59	2.0	0.02	22	70	46	1.54	36	313	249.0
47534	<0.5	0.62	0.34	3.32	<0.01	0.11	2.08	1.4	0.02	16	66	55	1.79	49	371	356.6
47535	<0.5	0.05	0.38	0.36	<0.01	0.02	0.30	4.4	0.04	150	153	80	4.69	72	191	541.8
47536	<0.5	0.22	0.63	1.45	<0.01	0.07	1.29	4.8	0.04	64	119	161	1.68	19	67	44.9
47400	<0.5	0.24	0.96	1.87	0.02	0.11	1.33	0.9	0.04	10	59	148	1.44	11	40	12.2
47556	<0.5	0.12	1.48	1.50	0.13	0.47	0.98	4.8	0.18	107	102	267	4.65	32	65	63.8
47557	<0.5	0.06	3.49	0.46	<0.01	0.07	0.44	2.7	0.04	62	79	751	5.12	41	201	34.8
47558	<0.5	0.26	0.74	1.57	<0.01	0.24	0.77	1.3	0.03	18	185	110	0.80	11	47	49.4
47559	<0.5	0.02	0.31	0.10	<0.01	<0.01	0.10	3.9	0.02	45	141	81	3.80	74	329	471.2
47560	<0.5	0.04	0.34	0.17	<0.01	0.02	0.14	4.9	0.02	76	327	84	6.29	127	641	766.0
47561	<0.5	0.07	9.42	0.55	<0.01	0.03	0.40	8.1	0.05	129	706	963	7.82	74	666	360.8
47562	<0.5	0.18	0.87	1.16	<0.01	0.33	0.57	2.6	0.06	29	80	117	1.55	13	33	14.8
47563	<0.5	0.17	0.30	0.90	<0.01	0.09	0.41	1.1	0.02	22	57	49	3.09	17	31	198.2
47564	<0.5	0.04	0.22	0.27	<0.01	0.02	0.13	1.9	0.04	47	68	74	3.03	6	11	148.3
47565	<0.5	0.11	0.17	0.42	<0.01	0.02	0.16	1.4	0.01	30	153	99	>15.00	944	2730	7211.0
47566	<0.5	0.05	0.36	0.22	<0.01	0.01	0.16	2.6	0.02	43	58	135	9.35	307	1380	2019.2



Work Order: 079038

Date: 19/08/04

FINAL

Page 4 of 8

Element.	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu
Method.	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
Det.Lim.	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5
Units.	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
47567	<0.5	0.02	0.34	0.17	<0.01	0.02	0.17	3.1	0.08	169	115	115	4.25	47	89	190.8
47568	<0.5	0.06	0.22	0.40	0.02	0.20	0.08	3.5	0.06	13	143	145	2.85	8	28	98.5
47569	<0.5	0.34	0.50	1.70	<0.01	0.16	0.97	1.4	0.05	14	77	91	0.84	8	35	8.6
47570	<0.5	0.68	0.19	3.63	<0.01	0.08	2.21	<0.5	0.02	9	71	46	1.86	49	423	421.0
47571	<0.5	0.64	0.31	3.47	<0.01	0.10	2.05	0.6	0.01	12	66	67	2.03	45	353	504.6
47572	<0.5	0.37	0.29	1.85	<0.01	0.10	1.21	0.6	<0.01	8	68	60	0.61	8	22	37.9
47573	<0.5	0.67	0.53	3.68	<0.01	0.16	2.23	1.4	0.02	15	70	82	0.62	7	16	12.4
*Dup 47520	<0.5	0.04	1.06	0.29	<0.01	0.03	0.39	3.2	0.03	113	578	178	4.38	26	200	122.1
*Dup 47532	<0.5	0.30	1.40	2.32	0.08	0.64	1.34	3.8	0.14	106	107	196	4.48	28	52	55.0
*Dup 47562	<0.5	0.17	0.88	1.16	<0.01	0.34	0.57	2.7	0.06	30	83	119	1.57	14	33	15.9
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01A	<0.5	0.02	0.30	0.56	0.08	0.18	1.95	3.1	<0.01	250	125	294	2.09	6	40	108.2



Work Order: 079038

Date: 19/08/04

FINAL

Page 5 of 8

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
*Blk PREP-BLANK	88.7	<3	9.1	11.2	3.9	3	<0.2	<1	<10	<5	352	37.3	<10	4	<5	15
47520	16.4	<3	3.0	1.3	3.8	<1	<0.2	<1	<10	<5	3	<0.5	<10	3	<5	<1
47521	7.7	<3	66.0	2.1	1.0	2	0.2	<1	<10	<5	26	2.2	<10	4	<5	5
47522	4.0	<3	49.1	<0.5	1.8	<1	<0.2	<1	<10	<5	16	<0.5	<10	2	<5	3
47523	23.4	<3	2.8	0.5	2.8	<1	<0.2	<1	<10	<5	5	<0.5	<10	2	<5	<1
47524	17.0	<3	9.5	<0.5	13.2	2	0.8	<1	<10	6	29	<0.5	<10	<2	10	1
47525	14.7	<3	62.0	<0.5	3.9	<1	<0.2	<1	<10	<5	70	<0.5	<10	4	<5	4
47526	15.5	<3	2.8	<0.5	7.6	<1	<0.2	<1	<10	<5	9	<0.5	<10	<2	6	<1
47527	14.1	<3	3.1	0.5	8.2	<1	0.5	<1	<10	6	9	<0.5	<10	<2	6	<1
47528	12.1	<3	1.3	<0.5	16.9	<1	0.8	<1	<10	9	3	<0.5	<10	<2	11	<1
47529	10.3	<3	1.3	<0.5	18.0	<1	0.8	<1	<10	7	4	<0.5	<10	<2	16	<1
47530	44.0	<3	55.7	5.0	4.3	<1	0.4	<1	<10	<5	284	6.4	<10	4	<5	7
47531	15.6	<3	38.8	0.5	1.9	1	<0.2	<1	<10	<5	41	<0.5	<10	<2	<5	4
47532	46.7	<3	49.8	5.2	4.4	<1	0.3	<1	<10	<5	266	6.7	<10	2	<5	7
47533	10.5	4	83.1	<0.5	1.9	<1	<0.2	<1	<10	<5	29	<0.5	<10	5	<5	1
47534	17.7	<3	108.8	<0.5	2.0	<1	0.3	<1	<10	<5	22	<0.5	<10	6	<5	1
47535	13.9	<3	10.9	0.8	4.2	<1	0.4	<1	<10	<5	9	<0.5	<10	<2	<5	1
47536	36.4	<3	48.9	1.5	1.9	<1	0.3	<1	<10	<5	23	<0.5	<10	5	<5	<1
47400	18.3	3	63.3	1.2	2.8	1	<0.2	<1	<10	<5	27	0.8	<10	<2	<5	11
47556	79.5	<3	8.5	9.4	7.1	<1	<0.2	<1	<10	<5	120	6.9	<10	3	<5	9
47557	21.1	3	14.2	2.7	4.8	<1	<0.2	<1	<10	<5	15	<0.5	<10	3	<5	1
47558	11.2	<3	43.6	<0.5	1.1	<1	0.2	<1	<10	<5	78	<0.5	<10	5	<5	11
47559	19.1	<3	<0.5	0.9	3.3	1	0.6	<1	<10	<5	<1	<0.5	<10	2	<5	<1
47560	41.4	<3	1.0	1.1	5.3	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
47561	31.6	<3	8.6	3.4	6.4	<1	<0.2	<1	<10	8	6	<0.5	<10	2	<5	6
47562	23.9	<3	28.5	<0.5	1.9	<1	<0.2	<1	<10	<5	77	<0.5	<10	2	<5	4
47563	5.4	<3	26.6	<0.5	2.8	<1	<0.2	<1	<10	<5	19	<0.5	<10	<2	<5	2
47564	5.4	<3	5.8	0.6	2.8	<1	<0.2	<1	<10	<5	9	<0.5	<10	2	<5	<1
47565	22.6	<3	9.3	<0.5	18.6	5	1.1	<1	<10	8	7	<0.5	<10	<2	6	<1
47566	22.7	<3	4.0	0.5	7.8	<1	<0.2	<1	<10	<5	4	<0.5	<10	<2	6	<1



Work Order: 079038

Date: 19/08/04

FINAL

Page 6 of 8

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47567	17.2	<3	2.2	1.3	4.1	<1	<0.2	<1	<10	<5	8	<0.5	<10	<2	<5	<1
47568	22.3	<3	3.2	3.1	4.1	2	0.4	<1	<10	<5	72	4.2	<10	4	<5	4
47569	13.0	<3	60.2	0.8	1.6	<1	<0.2	<1	<10	<5	60	<0.5	<10	<2	<5	<1
47570	10.0	<3	116.9	<0.5	2.0	2	<0.2	<1	<10	<5	27	<0.5	<10	2	<5	7
47571	13.8	<3	107.4	<0.5	2.0	<1	<0.2	<1	<10	<5	31	<0.5	<10	4	<5	5
47572	7.7	3	61.7	0.6	1.2	2	<0.2	<1	<10	<5	44	1.4	<10	3	<5	4
47573	17.0	<3	116.8	1.1	0.8	<1	<0.2	<1	<10	<5	33	<0.5	<10	9	<5	8
*Dup 47520	16.8	<3	3.2	1.3	4.1	<1	0.3	<1	<10	<5	4	<0.5	<10	5	<5	1
*Dup 47532	47.6	<3	49.9	5.3	4.1	<1	<0.2	<1	<10	<5	263	6.8	<10	<2	<5	7
*Dup 47562	26.0	<3	27.7	0.5	1.7	<1	<0.2	<1	<10	<5	78	<0.5	<10	4	<5	4
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	212.9	1140	66.2	10.6	7.7	11	2.5	4	<10	98	3700	8.6	<10	77	11	3



Work Order: 079038

Date: 19/08/04

FINAL

Page 7 of 8

Element. Method. Det.Lim. Units.	S ICP12B 0.01 %
*Blk PREP-BLANK	0.03
47520	0.13
47521	0.02
47522	0.47
47523	0.75
47524	>5.00
47525	1.04
47526	4.77
47527	>5.00
47528	>5.00
47529	>5.00
47530	0.21
47531	0.27
47532	0.18
47533	0.43
47534	0.74
47535	1.49
47536	0.09
47400	0.05
47556	0.13
47557	0.05
47558	0.04
47559	2.20
47560	2.51
47561	0.06
47562	0.04
47563	0.48
47564	0.19
47565	>5.00
47566	>5.00



Work Order: 079038

Date: 19/08/04

FINAL

Page 8 of 8

Element. Method. Det.Lim. Units.	S ICP12B 0.01 %
47567	0.54
47568	0.22
47569	0.01
47570	1.00
47571	0.80
47572	0.09
47573	0.01
*Dup 47520	0.13
*Dup 47532	0.18
*Dup 47562	0.05
*Blk BLANK	<0.01
*Std XRAL01A	0.20

12 OCT. 2004

CENTRE DE SERVICES DES MINES



CERTIFICATE OF ANALYSIS

Work Order: 079491

To: **Pacific Northwest Capital**
Attn: **Dave Lyon**

Date : 10/09/04

259 Fielding Road, Unit 3B
LIVELY
ONTARIO, P3Y 1L8

Copy 1 to : jkleinboeck@pfncapital.com

P.O. No. : 04-2750
Project No. : PQLM04-P1S / POH 078749
No. of Samples : 5 Pulp
Date Submitted : 23/08/04
Report Comprises : Cover Sheet plus
Pages 1 to 1

Distribution of unused material:

Pulps: STORE
Rejects: STORE

Certified By :



Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions



Work Order: 079491

Date: 10/09/04

FINAL

Page 1 of 1

Element.	Cu
Method.	ICAY50
Det.Lim.	0.01
Units.	%
47460	3.82
47461	1.08
47462	4.84
47304	1.79
47307	1.28
*Dup 47460	3.90
*Blk BLANK	<0.01
*Std SU1A	0.96



CERTIFICATE OF ANALYSIS

Work Order: 079686

To: Pacific Northwest Capital
Attn: Dave Lyon

Date : 13/09/04

259 Fielding Road, Unit 3B
LIVELY
ONTARIO, P3Y 1L8

Copy 1 to : jkleinboeck@pfncapital.com

P.O. No. :
Project No. : PQLM04-P1S
No. of Samples : 35 Pulp
Date Submitted : 30/08/04
Report Comprises : Cover Sheet plus
Pages 1 to 8

12 OCT. 2004

CENTRE DE SERVICES DES MINES

Distribution of unused material:

Pulps: STORE
Rejects: STORE

Certified By :

Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions



Work Order: 079686

Date: 13/09/04

FINAL

Page 1 of 8

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47537	10	<10	8	9	15	9	--	--	--
*Std PG109	28	69	39	--	--	--	--	--	--
47538	13	130	8	--	--	--	--	--	--
47539	14	11	9	--	--	--	--	--	--
47540	10	<10	10	--	--	--	--	--	--
47541	7	<10	1	--	--	--	--	--	--
47542	13	16	5	--	--	--	--	--	--
47543	31	<10	4	--	--	--	--	--	--
47544	45	<10	17	--	--	--	--	--	--
47545	<1	<10	3	--	--	--	--	--	--
47546	<1	<10	3	--	--	--	--	--	--
47547	12	45	71	--	--	--	--	--	--
47548	3	11	9	--	--	--	--	--	--
47549	4	<10	13	3	<10	13	--	--	--
47550	1	<10	3	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--
47601	7	12	16	--	--	--	--	--	--
47602	3	<10	10	--	--	--	--	--	--
47603	1	<10	6	--	--	--	--	--	--
47604	1	<10	1	--	--	--	--	--	--
47605	<1	<10	<1	--	--	--	--	--	--
47606	1	<10	<1	--	--	--	--	--	--
47607	3	<10	<1	--	--	--	--	--	--
47608	<1	<10	3	--	--	--	--	--	--
47609	<1	<10	<1	--	--	--	--	--	--
47610	1	<10	<1	--	--	--	--	--	--
47611	7	<10	19	1	<10	<1	--	--	--
47612	<1	<10	<1	--	--	--	--	--	--
47574	7	<10	20	--	--	--	--	--	--
47575	4	<10	9	--	--	--	--	--	--



Work Order: 079686

Date: 13/09/04

FINAL

Page 2 of 8

Element. Method. Det.Lim. Units.	Au FAI303 1 ppb	Pt FAI303 10 ppb	Pd FAI303 1 ppb	Au D FAI303 1 ppb	Pt D FAI303 10 ppb	Pd D FAI303 1 ppb	Au R FAI303 1 ppb	Pt R FAI303 10 ppb	Pd R FAI303 1 ppb
47576	<1	24	40	--	--	--	--	--	--
47577	4	11	14	--	--	--	--	--	--
47578	<1	<10	6	--	--	--	--	--	--
47579	1	<10	6	--	--	--	--	--	--
47580	8	10	18	--	--	--	--	--	--
47581	<1	<10	<1	--	--	--	--	--	--
47582	<1	<10	2	--	--	--	--	--	--
*Dup 47537	9	15	9	--	--	--	--	--	--
*Dup 47549	3	<10	13	--	--	--	--	--	--
*Std PG109	36	66	37	--	--	--	--	--	--
*Dup 47611	1	<10	<1	--	--	--	--	--	--
*Blk BLANK	<1	<10	<1	--	--	--	--	--	--



Work Order: 079686

Date: 13/09/04

FINAL

Page 3 of 8

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47537	1.1	<0.01	0.32	0.08	<0.01	<0.01	0.08	1.7	0.01	15	40	128	6.65	197	958	563.9
47538	1.0	<0.01	0.29	0.06	<0.01	<0.01	0.07	1.4	0.01	12	36	120	5.98	181	868	771.0
47539	1.4	<0.01	0.29	0.07	<0.01	<0.01	0.08	1.6	0.02	28	57	120	8.34	273	1390	1005.5
47540	2.2	<0.01	0.18	0.04	<0.01	<0.01	0.01	<0.5	<0.01	27	49	46	11.79	87	18	1933.9
47541	1.2	<0.01	0.31	0.05	<0.01	<0.01	0.07	1.6	0.01	15	37	128	6.92	220	1100	1151.5
47542	1.6	<0.01	0.39	0.12	0.06	0.02	0.24	1.8	0.02	21	51	211	9.12	291	1710	2180.0
47543	1.7	0.12	0.60	0.99	0.02	0.06	0.62	0.9	0.02	140	215	159	9.52	419	1240	3157.0
47544	3.1	<0.01	0.42	0.08	<0.01	<0.01	0.07	2.1	0.02	16	52	208	14.12	502	2530	5281.8
47545	<0.5	0.11	0.69	0.96	<0.01	0.25	0.37	1.0	0.04	10	44	75	1.23	20	83	132.0
47546	0.5	0.08	4.27	0.44	0.02	0.05	0.52	1.2	0.04	10	64	404	3.16	43	544	43.5
47547	<0.5	0.33	0.27	2.11	<0.01	0.06	1.19	<0.5	0.02	5	25	63	1.91	56	1040	773.5
47548	<0.5	0.20	0.23	1.04	<0.01	0.05	0.47	<0.5	0.02	5	13	71	1.28	23	236	299.4
47549	<0.5	0.15	0.27	0.85	<0.01	0.04	0.39	1.3	0.02	10	27	59	1.72	59	207	308.9
47550	<0.5	0.17	0.27	0.98	<0.01	0.09	0.36	0.5	<0.01	5	33	59	2.20	44	232	427.7
47601	<0.5	0.32	0.24	1.91	<0.01	0.06	1.08	<0.5	0.01	3	11	57	1.17	20	409	328.2
47602	<0.5	0.66	0.76	5.03	<0.01	0.08	2.74	<0.5	0.02	5	29	112	1.33	22	199	191.0
47603	<0.5	0.06	0.29	0.44	<0.01	0.02	0.20	1.8	0.02	16	34	81	1.93	37	175	387.8
47604	<0.5	0.56	0.28	3.35	<0.01	0.09	1.86	1.2	0.01	13	26	50	1.58	38	433	393.8
47605	0.7	0.14	0.86	1.43	<0.01	0.06	1.23	3.7	0.11	144	142	253	3.92	42	195	109.9
47606	<0.5	0.04	0.32	0.56	0.02	0.34	0.07	3.8	0.07	6	11	308	2.14	3	5	659.1
47607	1.3	0.09	0.85	1.31	0.14	0.33	0.85	5.3	0.15	156	10	133	6.95	76	46	176.3
47608	0.8	0.13	0.60	1.14	<0.01	0.08	0.89	4.0	0.07	231	79	197	4.33	37	55	93.1
47609	0.6	0.03	0.36	0.42	<0.01	0.01	0.23	3.7	0.05	235	76	170	3.75	70	127	273.3
47610	<0.5	<0.01	0.33	0.10	<0.01	<0.01	0.09	2.4	0.03	70	45	121	2.31	49	91	240.9
47611	<0.5	0.27	0.13	1.40	0.02	0.05	1.14	0.6	0.01	8	11	59	0.59	6	36	36.7
47612	<0.5	0.14	0.72	0.99	0.15	0.21	1.15	3.3	0.11	41	14	179	1.91	15	40	27.9
47574	0.5	0.10	0.63	0.80	0.04	0.22	0.53	5.0	0.06	29	118	203	2.17	17	134	213.5
47575	3.8	0.02	0.20	0.17	<0.01	0.01	0.08	5.0	0.02	28	64	78	2.29	40	95	351.1
47576	<0.5	0.01	0.25	0.10	<0.01	0.01	0.07	1.7	0.02	40	91	86	2.39	42	129	249.0
47577	<0.5	0.22	0.20	1.22	<0.01	0.10	0.66	<0.5	0.01	6	23	77	1.03	16	140	245.2



Work Order: 079686

Date: 13/09/04

FINAL

Page 4 of 8

Element. Method. Det.Lim. Units.	Be ICP12B 0.5 ppm	Na ICP12B 0.01 %	Mg ICP12B 0.01 %	Al ICP12B 0.01 %	P ICP12B 0.01 %	K ICP12B 0.01 %	Ca ICP12B 0.01 %	Sc ICP12B 0.5 ppm	Ti ICP12B 0.01 %	V ICP12B 2 ppm	Cr ICP12B 1 ppm	Mn ICP12B 2 ppm	Fe ICP12B 0.01 %	Co ICP12B 1 ppm	Ni ICP12B 1 ppm	Cu ICP12B 0.5 ppm
47578	1.5	0.06	1.25	2.14	0.40	1.43	1.33	2.1	0.16	50	9	813	5.58	24	19	25.2
47579	<0.5	0.01	0.52	0.22	<0.01	0.13	0.12	3.0	0.04	17	99	181	1.60	15	79	287.1
47580	0.6	<0.01	0.29	0.11	<0.01	0.04	0.07	1.9	0.02	33	191	113	3.63	44	163	497.7
47581	<0.5	0.24	0.25	1.65	0.02	0.13	1.01	<0.5	0.02	5	16	71	0.71	4	16	12.5
47582	<0.5	0.33	0.13	2.35	<0.01	0.09	1.40	<0.5	0.02	3	7	51	0.55	2	9	9.9
*Dup 47537	1.1	<0.01	0.32	0.09	<0.01	<0.01	0.08	1.7	0.01	15	40	128	6.58	195	946	555.2
*Dup 47549	<0.5	0.14	0.28	0.85	<0.01	0.05	0.40	1.5	0.02	11	28	57	1.77	62	210	307.1
*Dup 47611	<0.5	0.29	0.13	1.42	0.02	0.05	1.14	0.5	0.01	8	11	59	0.58	6	36	35.0
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01A	<0.5	<0.01	0.28	0.55	0.07	0.15	1.97	2.8	<0.01	229	126	305	1.85	6	41	110.0



Work Order: 079686

Date: 13/09/04

FINAL

Page 5 of 8

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47537	23.5	<3	1.1	0.5	0.9	<1	0.3	5	<10	<5	8	6.3	<10	<2	7	<1
47538	24.1	<3	0.9	<0.5	<0.5	<1	<0.2	4	<10	<5	10	5.7	<10	<2	7	<1
47539	27.9	<3	0.8	0.6	1.5	<1	0.3	6	<10	<5	3	9.0	<10	<2	*INF	<1
47540	23.1	<3	<0.5	<0.5	3.5	<1	1.3	11	<10	<5	<1	14.1	<10	<2	*INF	<1
47541	28.1	<3	<0.5	0.5	0.6	<1	0.5	5	<10	<5	<1	7.7	<10	<2	*INF	<1
47542	47.0	<3	3.0	2.8	1.8	<1	0.6	8	<10	<5	10	13.0	<10	<2	*INF	<1
47543	61.1	<3	35.2	0.7	1.7	<1	0.5	8	<10	<5	18	12.7	<10	<2	*INF	4
47544	73.1	<3	1.3	1.3	5.0	1	1.0	14	<10	<5	2	17.6	<10	6	*INF	1
47545	13.2	<3	20.2	<0.5	<0.5	<1	0.3	<1	<10	<5	86	1.3	<10	<2	<5	6
47546	10.8	<3	54.3	1.2	1.8	<1	0.3	2	<10	<5	40	3.6	<10	<2	<5	2
47547	12.6	<3	80.8	<0.5	<0.5	1	0.4	1	<10	<5	23	1.9	<10	<2	<5	2
47548	33.4	<3	31.6	<0.5	0.8	<1	<0.2	<1	<10	<5	18	1.4	<10	<2	<5	3
47549	8.9	<3	23.7	<0.5	<0.5	<1	<0.2	1	<10	<5	9	1.4	<10	<2	<5	<1
47550	9.2	<3	26.2	<0.5	0.7	1	<0.2	1	<10	<5	39	2.3	<10	<2	7	3
47601	9.3	<3	66.9	<0.5	<0.5	<1	0.2	<1	<10	<5	14	1.0	<10	<2	<5	4
47602	16.9	<3	152.1	<0.5	0.6	1	<0.2	<1	<10	<5	27	1.8	<10	<2	<5	21
47603	12.9	<3	12.3	<0.5	0.6	<1	<0.2	1	<10	<5	5	1.6	<10	<2	<5	1
47604	8.6	<3	102.2	<0.5	<0.5	<1	<0.2	<1	<10	<5	17	1.6	<10	<2	<5	1
47605	48.2	<3	129.6	2.3	2.6	<1	0.3	2	<10	<5	49	4.7	<10	<2	<5	2
47606	460.2	<3	3.1	4.0	<0.5	<1	0.2	2	<10	<5	26	11.1	<10	21	<5	3
47607	49.3	<3	39.4	3.3	4.8	2	<0.2	6	<10	<5	568	25.5	<10	2	<5	2
47608	36.4	<3	28.4	1.8	1.8	<1	0.3	3	<10	<5	22	4.8	<10	2	<5	4
47609	16.2	<3	4.7	1.1	1.1	<1	<0.2	2	<10	<5	4	3.7	<10	<2	6	<1
47610	13.5	<3	1.3	0.5	<0.5	<1	<0.2	1	<10	<5	2	2.0	<10	<2	<5	<1
47611	25.8	<3	45.2	0.8	<0.5	<1	<0.2	<1	<10	<5	21	1.4	<10	11	<5	3
47612	30.1	<3	19.5	3.9	3.8	<1	<0.2	1	<10	<5	69	5.3	<10	<2	<5	<1
47574	25.7	<3	8.8	6.4	2.6	2	<0.2	1	<10	<5	42	10.1	<10	3	<5	4
47575	39.3	3	6.6	3.5	3.2	3	<0.2	3	<10	<5	6	4.2	<10	3	8	5
47576	11.4	<3	2.2	<0.5	0.7	<1	<0.2	1	<10	<5	4	2.3	<10	<2	<5	<1
47577	11.7	<3	38.6	<0.5	<0.5	<1	<0.2	<1	<10	<5	16	0.8	<10	<2	<5	5



Work Order: 079686

Date: 13/09/04

FINAL

Page 6 of 8

Element. Method. Det.Lim. Units.	Zn ICP12B 0.5 ppm	As ICP12B 3 ppm	Sr ICP12B 0.5 ppm	Y ICP12B 0.5 ppm	Zr ICP12B 0.5 ppm	Mo ICP12B 1 ppm	Ag ICP12B 0.2 ppm	Cd ICP12B 1 ppm	Sn ICP12B 10 ppm	Sb ICP12B 5 ppm	Ba ICP12B 1 ppm	La ICP12B 0.5 ppm	W ICP12B 10 ppm	Pb ICP12B 2 ppm	Bi ICP12B 5 ppm	Li ICP12B 1 ppm
47578	145.8	<3	28.9	9.8	4.0	2	<0.2	4	<10	<5	173	46.2	<10	<2	<5	19
47579	23.3	<3	2.7	1.7	<0.5	<1	<0.2	1	<10	<5	57	1.7	<10	<2	<5	1
47580	15.7	<3	0.8	1.2	<0.5	<1	0.4	2	<10	<5	16	3.3	<10	<2	<5	<1
47581	10.5	<3	49.2	1.2	<0.5	<1	<0.2	<1	<10	<5	42	2.3	<10	<2	<5	6
47582	6.9	<3	76.8	<0.5	<0.5	<1	<0.2	<1	<10	<5	29	0.9	<10	<2	<5	2
*Dup 47537	22.6	<3	1.3	0.6	0.9	<1	0.3	5	<10	<5	8	6.4	<10	2	8	<1
*Dup 47549	9.7	<3	24.0	<0.5	<0.5	<1	<0.2	<1	<10	<5	10	1.3	<10	<2	<5	1
*Dup 47611	26.0	3	44.9	0.8	<0.5	<1	<0.2	<1	<10	<5	21	1.3	<10	12	<5	3
*Blk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01A	186.2	1200	65.1	10.0	6.3	10	2.3	3	<10	115	3530	8.7	10	71	12	3



Work Order: 079686

Date: 13/09/04

FINAL

Page 7 of 8

Element. Method. Det.Lim. Units.	S ICP12B 0.01 %
47537	4.31
47538	3.81
47539	>5.00
47540	3.10
47541	4.49
47542	>5.00
47543	>5.00
47544	>5.000
47545	0.23
47546	0.10
47547	0.99
47548	0.36
47549	0.73
47550	0.56
47601	0.32
47602	0.25
47603	0.44
47604	0.59
47605	0.13
47606	0.47
47607	0.84
47608	0.24
47609	0.45
47610	0.54
47611	0.06
47612	0.02
47574	0.19
47575	0.47
47576	0.53
47577	0.27



Work Order: 079686

Date: 13/09/04

FINAL

Page 8 of 8

Element.	S
Method.	ICP12B
Det.Lim.	0.01
Units.	%
47578	0.04
47579	0.20
47580	1.30
47581	0.02
47582	0.02
*Dup 47537	4.26
*Dup 47549	0.78
*Dup 47611	0.06
*Blk BLANK	<0.01
*Std XRAL01A	0.19

CENTRE DE SERVICES DES MINES

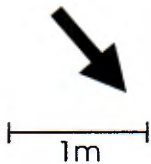
12 OCT 2004

APPENDIX 4 – Detailed Mapping

12 OCT. 2004

CENTRE DE SERVICES DES MINES

N



347350mE
5637780mN

47347
47346
47345
47344
47343
47342
47341
47340
47339
47338
47337
47336
47335
47334
47333
47332
47331
47330
47329
47328
47327
47326
47325

fg pyroxenite
highly mineralized zone

cg pyroxenite
mineralized zone

cg pyroxenite
highly mineralized zone

norite
264

fg pyroxenite

cg norite
295

356

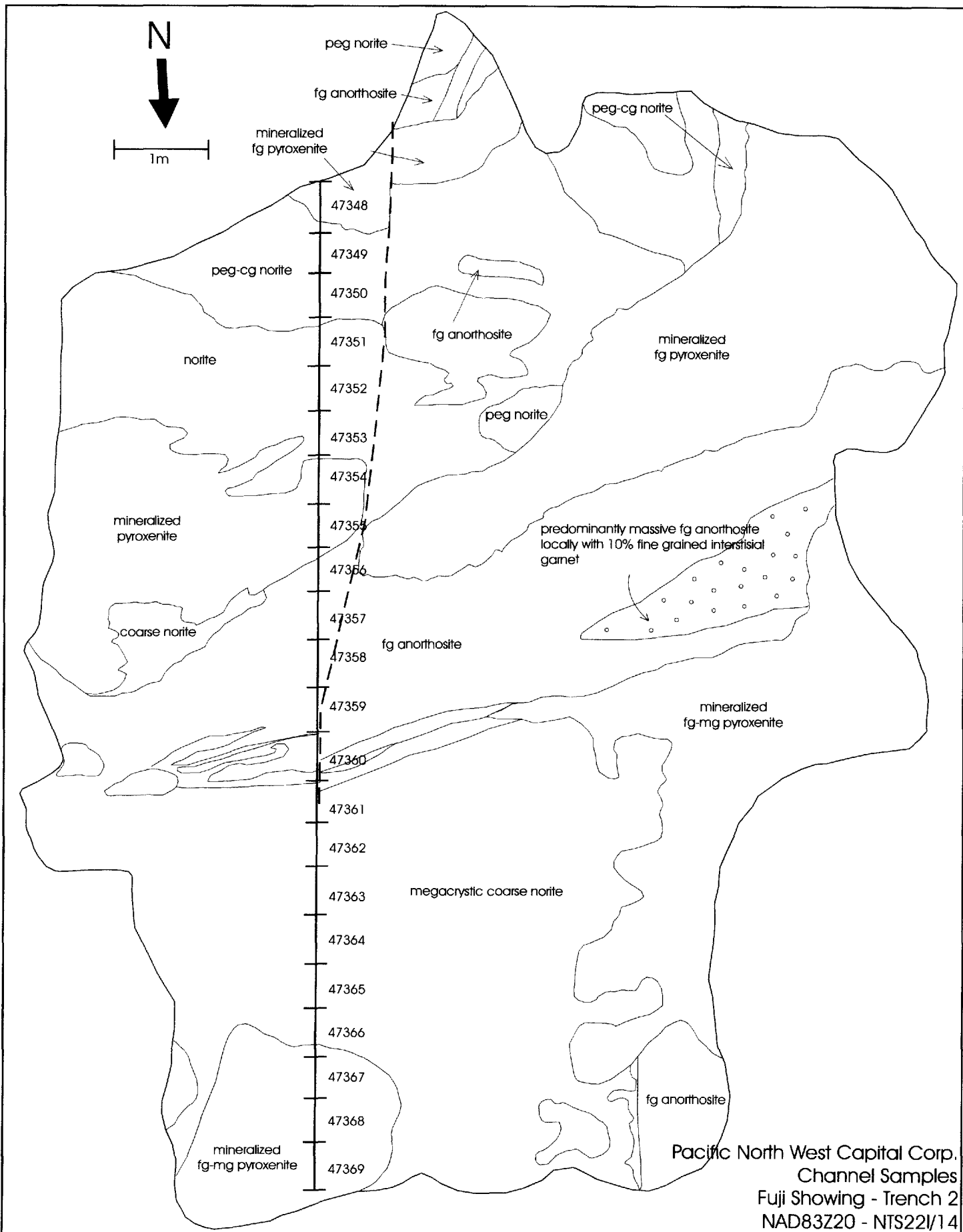
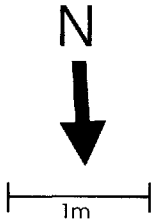
fg pyroxenite

cg norite
304

cg norite

347347mE
5637790mN

Pacific North West Capital Corp.
Channel Samples
Fuji Showing - Trench 1
NAD83Z20 - NTS221/14



Pacific North West Capital Corp.
Channel Samples
Fuji Showing - Trench 2
NAD83Z20 - NTS22/14