Geological and geophysical investigations of R6A, Selkirk First Nations lands; a summary of mapping, prospecting, soil sampling, Induced Polarization, and total magnetic field ground surveys, 2009

R6A land section block, YUKON TERRITORY

N.T.S. 115I/11
Whitehorse Mining District

137°12'4" W – 62°37'28"N

Work performed on: July 18th –October 08th, 2009

March 24, 2010

Report prepared for:

Selkirk Development Corporation

report prepared by:

Aurora Geosciences Ltd.

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Executive Summary

The Selkirk First Nations (SFN) are taking a pro-active approach in first phase exploration on their R6A Lands (Surface Withdrawal Lands) and in doing so signed an agreement with Aurora Geosciences Ltd. of Whitehorse, Yukon, to provide exploration and training services in conjunction with the Yukon Mine Training Association. Aurora Geosciences Ltd. was contracted by the Selkirk First Nation to provide a comprehensive mineral exploration training program that included camp construction, line cutting, soil sampling, geological prospecting and sampling, Total Field magnetic and Induced Polarization surveys, as well as other training opportunities. SFN was involved in all field aspects of the program.

The SFN R6A lands are located on NTS sheet 115 I/11 west of the Yukon River. The project area is centered about 137°12'4" W – 62°37'28"N. Work was completed on two grids adjacent Minto Mine (Capstone Mining Corp.) in the Whitehorse Mining district some 70 km northwest of Carmacks between the dates of July 18th and October 8th, 2009. Access to the property is achieved by the Minto Mine road or helicopter from Minto Landing.

The target area is located within the north-northwest trending Carmacks copperbelt of west central Yukon and is underlain by the Minto pluton of the early Jurassic Granite Mountain batholith. Detailed mapping at the Minto minesite have defined three major lithologies showing variable degrees of deformation: 1) megacrystic K-feldspar granodiorite that varies in texture from massive to strongly foliated; 2) quartzofeldspathic gneiss that shows alternating magnetite and biotite mafic bands and disharmonic folding; and 3) biotite-rich gneiss that is the major ore-hosting unit (Hood et al., 2009). These three units were identified during the mapping program on Grids 1 and 2.

Predominantly semi-massive to massive chalcopyrite and bornite mineralization is proposed to be hypogene and contained within foliated rocks commonly spatially associated with biotite±magnetite alteration (Hood et al., 2009).

A total of 134.7 line-kilometers of Total Field magnetic surveying were completed prior to the Induced Polarization and geological phases of the program. This data provided a first-order dataset from which to target IP survey lines. Northeast-striking magnetic features and magnetic lows interpreted to be structures, zones of alteration, or pegmatite intrusions are the most prominent magnetic responses.

The Induced Polarization survey was conducted over areas of favourable magnetic response. A total of 18.95 line-kilometers were completed. Principal prospective chargeable anomalies are modeled on lines 000E, 100E, and 200E. A second chargeable anomaly is modeled at the north end of line 3600E. These anomalies warrant follow-up work.

A soil sampling survey was conducted during the mapping and prospecting program. A total of 351 samples were collected over the cut lines on Grid 1 and 2 and 501 samples on Grid 3. A rigorous statistical analysis including univariate, covariance, and principal component analysis was conducted on the geochemical data. Cu+Au+Ag anomalies are interpreted on all three grids. Principal component

analysis shows that anomalous Cu in the soil samples may be associated with Mn, Co, As, and Ba. The elemental association Y, Cu, Ti, Na, Pb, Ba, and Au also shows a strong spatial coincidence with station specific anomalous copper values.

Follow up work including Induced polarization and additional soil sampling is recommended as a next stage in the exploration for Minto-style copper-gold mineralization.

1.0 Introduction

The Selkirk First Nations (SFN) are taking a pro-active approach in first phase exploration on their R6A Lands (Surface Withdrawal Lands) surrounding the Minto Mine (Capstone Mining Corp.) in the Whitehorse Mining district some 70 km northwest of Carmacks. The SFN signed an agreement with Aurora Geosciences Ltd. of Whitehorse, Yukon, to provide exploration and training services. This agreement was engineered to allow SFN to move ahead with exploration on their lands.

Aurora Geosciences Ltd. was contracted by the Selkirk First Nation to provide a comprehensive mineral exploration training program that included camp construction, line cutting, soil sampling, geological prospecting and sampling, total magnetic field (Mag) and Induced Polarization (IP) surveys, as well as other training opportunities, determined in consultation with the Selkirk First Nation representatives.

This report will summarize the exploration and training program which was used to evaluate two areas within the SFN R6A Lands under a Yukon Mining Incentive Program (YMIP).

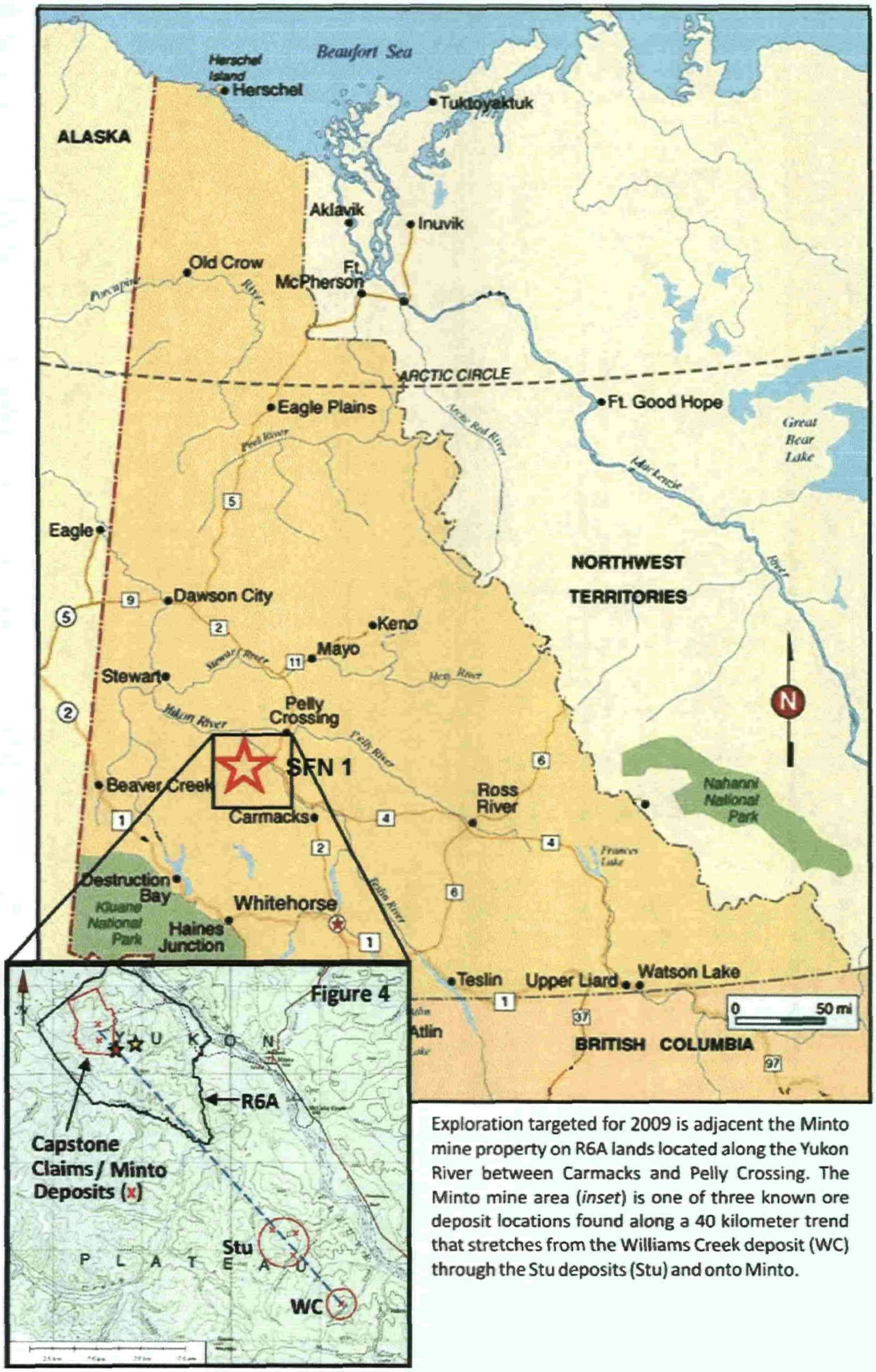
The 2009 work program was completed between the dates of July 18th and October 8th, 2009.

2.0 Location and Access

The Selkirk First Nation Project is located within the boundaries of NTS map sheet 115 I/11. The project area is within the Whitehorse Mining District and geographically centered at UTM coordinates 387305 E and 6943618 N (NAD83 zone 08). The R6A Lands surround the Capstone mining Project (Minto Mine) and represents a surveyed block, LOT 1011 – QUAD 115I/11 (Figure 1). The project is situated 40 km southwest of Pelly Crossing and 240 km north-northwest of Whitehorse. Access to the property is via the North Klondike Highway, via Minto landing and along the Mino Mine access. There is an airstrip located at the Minot minesite and access via helicopter can be achieved from Carmacks which is 74 km to the southeast.

3.0 Physiography and Climate

The SFN R6A Lands lie within the Dawson Range, part of the Klondike Plateau, an uplifted surface that has been dissected by erosion. Local topography consists of rounded rolling hills and ridges and broad valleys. The highest point of elevation on the property is 1,000 meters above sea level. The Yukon River is 460 meters above sea level. Slopes on the property are very gentle and there are no issues with accessibility.



Exploration targeted for 2009 is adjacent the Minto mine property on R6A lands located along the Yukon River between Carmacks and Pelly Crossing. The Minto mine area (*inset*) is one of three known ore deposit locations found along a 40 kilometer trend that stretches from the Williams Creek deposit (WC) through the Stu deposits (Stu) and onto Minto.

Figure 1. Project location map

Vegetation is sub-Arctic boreal forest comprising mostly large spruce and poplar trees. The property has experienced numerous wildfires over the years, the most recent in 1977, and as such there are no old growth trees on the property.

The climate in the Minto area is considered sub-arctic with short cool summers and long cold winters. The average temperature in the summer is 10°C and the average temperature in the winter is -20°C. Precipitation usually averages 25cm of rain equivalent per year in the form of rain and snow.

4.0 Previous Work

All previous work information was obtained from the Minfile of the YGS Mining Recorder.

The first recorded work in the was done by hand trenching before 1902. Homestake acquired claims here in 1902 (4692) by M.L. Clark who completed a 6 meter adit. He then re-staked these as the Copper Coin claims (7522) in March 1907 and extended the adit to 10.7 meters. This work was completed at LATITUDE: 62° 37' 20" , LONGITUDE: 137° 3' 48"

No further work was done here until September 1970 when these claims were re-staked as the Coin claims (Y58856) by Quintana Mls Corp. No work is recorded and claims were staked again as Coin (Y62697) by W. Hakonson in September 1971. These were sold to Taseko ML, which carried out a small trenching program in 1972, mapped and soil sampled in 1973, and drilled 3 holes (301.1 m) in a joint venture with LaRonge Mg L in 1974. La Ronge changed its name to La Teko Res L in 1976.

Arsenault tied onto the south and west of the Coin claims in May 1972 with the Kay claims (Y66100). When these claims lapsed, the Taseko property was surrounded in August 1973 by United Keno Explorations with the Fed claims (Y76108), which were explored with grid soil sampling in 1973 and an IP survey along the eastern boundary in 1976.

The first recorded work on what is now the Minto Property occurred at Minto North, LATITUDE: 62° 37' 33" , LONGITUDE: 137° 14' 38". All work on Minto is included in this section which includes the Minto Mine area LATITUDE: 62° 36' 33" , LONGITUDE: 137° 14' 18".

The Minto claims (Y61620) were staked in July of 1971 by the Dawson Synd (Silver Standard ML and Asarco) on a target located by a regional stream sediment geochemical program in 1970. The claims continued to be explored by soil sampling, IP surveys, hand pitting and 7 diamond drill holes (1158 m) in 1971, and detailed mapping, airstrip construction, extensive bulldozer trenching and 12 holes (1871 m) on four adjoining zones (1, 19, 21 and 52) in 1972.

A discovery through prospecting by United Keno Exploration (a joint venture between United Keno Hill ML, Falconbridge Nickel ML and Canadian Superior EL) on the DEF claims (Y61693) was made in July of 1971. Explored by IP, magnetics and EM 16 surveys, soil sampling and geological mapping in 1971; grid soil sampling, and bulldozer trenching in 1972; and additional bulldozer trenching, EM and mag surveys and 41 diamond drill holes (7753.2 m) in 1973; further geophysical surveys, rock mechanics and feasibility studies and 52 holes (8238.4 m) in 1974. Surficial studies, including overburden drilling, were conducted as part of a joint feasibility study by United Keno and Dawson Synd in 1975-1976. UKHM drilled 5 percussion holes (518 m) in 1984 and 84 rotary percussion holes (4896.6 m) in 1989.

With the above discovery by United Keno Explorations of mineralization on the adjoining DEF claims to the north in June of 1973 led to an additional 62 holes (7887 m) in 1973 on the northern boundary of the property (North Zone). A winter road was constructed in early 1974 from Yukon Crossing to the bush airstrip (in a joint venture with United Keno E) and a further 58 holes (11 228 m) were drilled later in the year. Surficial studies, including overburden drilling, were conducted as part of a joint feasibility study by Dawson Synd and United Keno in 1975-76.

In 1984, Silver Standard changed its name to Cons Silver Standard ML and transferred its interest to a subsidiary, Western Copper Holdings Ltd, which in turn transferred the interest in most claims to Teck Corp in October 1989. Teck performed line cutting and a magnetometer/VLF-EM survey in 1991.

In June of 1993, Falconbridge Ltd (parent company of United Keno) transferred ownership of the DEF claims and leases to Minto Explorations Ltd. A payment of $1 million was made to Falconbridge on September 6, 1996 to complete the purchase of the DEF property. The transfer was completed by October 28, 1996. This transaction completed the consolidation of the Minto (MF#115I 021) and DEF claims into the Minto Property.

In 1993 Minto Explorations carried out an airborne radiometric survey and 984 m of diamond drilling for infilling and metallurgical studies. In 1994 exploration targets outside of existing reserves were tested with 16 diamond drill holes totaling 2 084 m. Minto also performed engineering and geotechnical studies including overburden and waste characterization, tests on tailings solids and tailings effluent, and standard acid-base accounting. In late 1994 Minto announced that it was conducting a feasibility study and beginning the process to acquire various environmental permits required for mining and production.

In 1995 Minto drilled 5 diamond drill holes (425 m) to test 4 aeromagnetic anomalies identified by reinterpreting 1993 magnetic data. In addition the company drilled 1 condemnation hole (147 m) north of the proposed mill location. The company continued to direct most of its efforts toward engineering, geotechnical and environmental studies in support of permit applications.

In January 1996, Minto completed a feasibility study and in May 1996 arranged project funding. In July of 1996, Minto announced that it had completed a joint venture with Arsarco Inc to bring the project into production. Arsarco would acquire a 70% interest in the project by providing up to US $25 million for development of the mine. Minto Explorations Ltd will retain 30% and be the operator of the project.

During the summer of 1996 Minto upgraded 17 km of access road to the property and installed a 40 m single span bridge over Big Creek. The final 12.8 km of access road were upgraded in 1997 along with other roads near the mine site. Two grinding mills were moved to the site. Geotechnical programs were completed in 1996 along with some diamond drilling at the margins of the orebody. Minto continued working through various environmental reviews and mine permitting hearings.

On April 8, 1997 a final screening report on the Environmental Assessment of the proposed mining project was released by DIAND.

In March of 2005, Sherwood Mining Corporation agreed to make a take over offer for Minto Exploration Ltd, of which Minto Explorations' Board of Directors unanimously recommended approval. Subsequently Sherwood announced that more than 90% of Minto Explorations shares were tendered, resulting in the minimum conditions of the offer being met and Sherwood taking up and paying for the Minto shares deposited under the offer and successfully consolidating the ownership of the Minto project. The company immediately announced the results of an independent, National Instrument 43-101 resource estimate of the project, which resulted in an approximately 10% gain in contained copper and gold. Sherwood Mining changed its name to Sherwood Copper Corporation in Sep/2005.

Minto commenced commercial production on October 1, 2007. Minto is owned 100% by Minto Explorations Ltd which is a wholly-owned subsidiary of Capstone Mining Corporation. Sherwood Copper Corporation and Capstone Mining Corporation completed a business combination on November 14, 2008. The resultant company was Capstone Mining Corporation.

The Giant showing at LATITUDE: 62° 38' 38" , LONGITUDE: 137° 18' 14" was staked as the SOL claims (Y62240) by Western Mls L and NORTH claims (Y62210) by J. McCandless in September 1971. Property was re-staked in January of 1973 as the NAVAJO claims (Y67883) by J.B. O'Neill and sold as two adjoining blocks to Tay River ML and Black Giant ML. Soil sampling was completed in 1973. In 1974, Black Giant conducted magnetic surveys, cut 6 bulldozer trenches and drilled 5 holes (819m).

In September of 1971, the Boylen showing was staked as the SUN claims (Y62700) at LATITUDE: 62° 38' 7" , LONGITUDE: 137° 11' 33" by T. Boylen. The property was optioned to United Keno Exploration in August of 1973 which conducted grid soil sampling in 1973 and magnetic, IP and EM surveys and 213.4 m of drilling in 1974 before dropping the option.

The COMANCHE showing was also staked in September of 1971 at LATITUDE: 62° 36' 47" , LONGITUDE: 137° 18' 45" by Bedford M Inc L (Pinnacle ML) and Yukon Gold Placers Ltd which bulldozer trenched in Sep/72 and conducted grid soil sampling, bulldozer trenching, EM 16 and magnetic surveys in 1973 and drilled 851.3 m (5 holes) in 1974.

The adjoining WAIN cl (Y62176) were staked in September of 1971 by Wainoco OL, which explored by grid soil sampling and geological mapping in 1972.

Other nearby staking in August to October of 1973 includes CU claims (Y76743) of Vargas ML and Colt Res L. These claims were explored by soil sampling, magnetic and EM surveys in 1973.

During October of 1971, the Ori showing was covered by the ORI claims (Y62978) staked by NRD Mg Ltd. They conducted geological mapping and grid soil sampling in 1972 and a small bulldozer trenching program in 1973. The adjoining SEE and B Claims (Y62803) were staked by Adera Mg Ltd in October 1971 and with a joint venture with Cons Standard ML completed geological mapping and grid soil sampling in 1972, minor bulldozer trenching in 1973 and additional geochemical analysis in 1974.

The M & CU claims (Y76647) were staked to the east in August of 1973 by Yukon Revenue ML and explored by prospecting and hand trenching in 1974.

In October of 1971, the Northair showing was covered by the AL claims at LATITUDE: 62° 38' 40" , LONGITUDE: 137° 8' 4". The claims were staked by Northair ML and Bow River Res Ltd which covered the claims with grid soil sampling and geological mapping in 1972. The ROD claims (Y66907) were added in September of 1972 with rid soil sampling and geological mapping completed in 1973. All claims had EM 16 and mag surveys completed during September of 1973 and a single drill hole (182.9m) was drilled on an EM conductor axis on the AL claims in 1974.

The Tuffy claims (Y66099) were staked immediately to the south in April 1972 by A. Arsenault and re-staked by part of the 228 FED claims (Y76108) in August of 1973 by United Keno Exploration, which carried out grid soil sampling later in the season.

United Keno Hill Mines staked the POP claims (YA85455) 3 km to the NW of the FED claims in September of 1984, probably to protect the surface rights.

No other filed assessment work was found in the archives of the Yukon Mining Recorder aside from a full history on the Minto Mine as provided by the NI 43-101.

Government work has been completed in the Minto and Williams Creek area and summarized by Mortenson and Tafti (2002). Studies from geological mapping and reconnaissance level geochemical studies of the intrusive rocks (Sinclair 1977) and a Master's study (Pearson 1977 and then Pearson and Clark 1979) focused on Minto including petrographic, mineralogical and geochemical studies as well as a limited amount of sulfur isotope work on the sulphide minerals has been completed

A 250 000-scale geological map of the Carmacks map sheet was published by Tempelman-Kluit (1984). The GSC completed a low-level magnetic and gamma ray survey over the entire Minto and Williams Creek area (Shives, 2001). There currently exists no interpretation of this geophysical data set.

5.0 Regional Geology

Extracted from Hood et al. (2009)

The Minto mine is located in the centre of Carmacks map area (NTS 115I) within the Carmacks copper belt of west-central Yukon. This mineralized belt is a 180 km by 60 km-wide belt of similar intrusion-hosted Cu-Au mineralization trending approximately north-northwest. This district also includes the Williams Creek (now Carmacks Copper) deposit (Yukon MINFILE 115I 008) and the STU prospect (Yukon MINFILE 115I 011) to the southeast of Minto (Figure 2). Regional 1:250 000-scale mapping of the area was first conducted by Bostock (1936) and subsequently updated by Tempelman-Kluit (1984). The Minto deposit is hosted in intermediate to felsic intrusive and meta-intrusive rocks of the Early Jurassic Granite

Mountain batholith, specifically the Minto pluton, which intrudes the boundary between Stikinia and Yukon-Tanana terranes (Tempelman-Kluit, 1984; Gordey and Makepeace, 1999; Colpron, 2006). The Minto pluton intrudes Upper Triassic augite-phyric basalts of Stikinia (or Quesnellia) to the east and north, and Early Mississippian meta-plutonic rocks of Yukon-Tanana terrane (Simpson Range plutonic suite) to the west (Figure 2). Its eastern contact with Triassic rocks is locally faulted. To the south, the Minto pluton is in fault contact with basalt of the Upper Cretaceous Carmacks Group; further south, the Carmacks Group unconformably overlies the southern portion of the Granite Mountain batholith (Figure 2). North of the Minto property, Pliocene and younger basalt flows of the Selkirk Group cover the Early Jurassic intrusion.

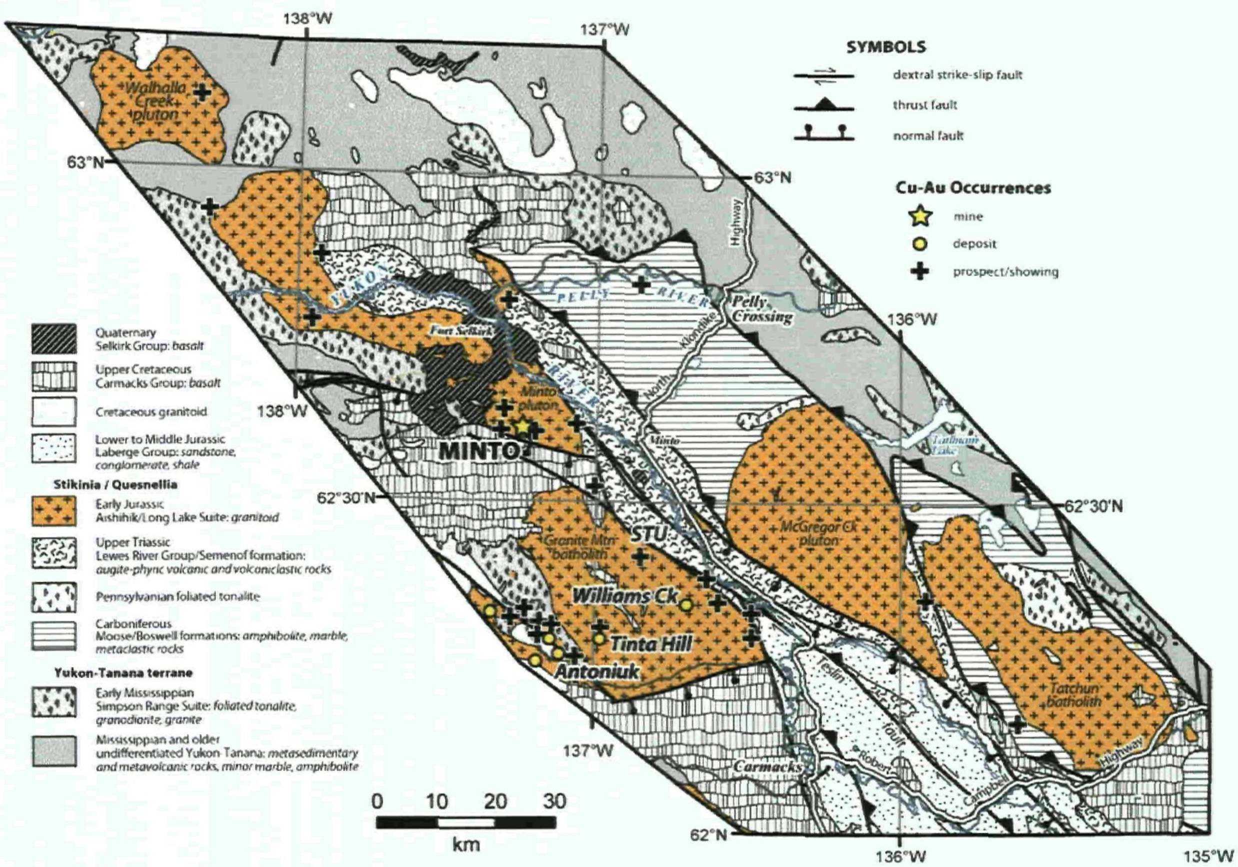


Figure 2. Regional geology of the Carmacks Copper belt in west-central Yukon (*extracted from Hood et al., 2009*)

The Minto pluton is dominantly composed of massive granodiorite (Le Bas and Streckeisen, 1991), but also includes sheets of variably deformed intrusive rocks (Fig. 3b). U-Pb zircon geochronology by Tafti (2005) indicates a maximum age of 199 ± 7 Ma for the Minto pluton with younger phases ranging to ~185 Ma. Geothermobarometric analyses suggest an emplacement depth of at least 9 km and crystallization temperatures of ca. 711°C for the youngest phase (Tafti, 2005). However, occurrences of magmatic epidote in older phases indicate that part of the Minto pluton crystallized at pressures in excess of 6 kbar (18-20 km depth; Tafti, 2005). In the southern portion of the Minto property, the pluton is unconformably overlain by a Late

Cretaceous(?) conglomerate that locally contains mineralized clasts. Primary hypogene mineralization at Minto is hosted by variably foliated granodiorite and diorite, with gneissic rocks containing the highest grades. Supergene mineralization occurs proximal to near-surface extension of the primary mineralization and beneath the Cretaceous conglomerate.

5.0.1 Major lithological units

The following lithological descriptions are extracted from Hood et al. (2009). Observations are documented as part of a M.Sc. thesis project directed as understanding the Minto copper-gold mineralized system. The authors cannot expand on the lithological descriptions presented in this paper and have been included here to complete the regional geology section.

Three major lithologies are identified on the Minto property and are differentiated by composition and degree of deformation. These rocks range from variably deformed gneisses to massive granitoids (Pearson, 1977; Tafti, 2005).

5.0.1.1 Megacrystic K-feldspar granodiorite

Composition of the megacrystic K-feldspar granodiorite unit (Figure 3a) is predominantly granodiorite, but ranges to quartz diorite and rarely to quartz monzonite or granite. Plagioclase represents 50% of the modal mineralogy, K-feldspar 10-50%, quartz 20-25%, biotite ± hornblende 10-15% and primary epidote <1%. K-feldspar occurs as euhedral to subhedral phenocrysts, and commonly as megacrysts 1-8 cm long. Orientation of these megacrysts is nearly always random; weak local fabric development is ascribed to magmatic flow. Megacrystic K-feldspar granodiorite is observed within the Minto open-pit, and in places in drill core, it grades into equigranular biotite ± hornblende monzodiorite (Figure 3b). Composition and texture of this latter unit is nearly identical to the megacrystic K-feldspar granodiorite, but without potassium feldspar. Locally, glomeroporphyritic quartz (<1 cm) is present in both the megacrystic K-feldspar granodiorite and equigranular biotite-hornblende monzodiorite.

The K-feldspar megacrystic granodiorite varies in texture from massive to foliated within the Minto pluton. Foliated biotite granodiorite and foliated hornblende-biotite granodiorite (Figure 3c,d,e) contain plagioclase, quartz and potassium feldspar. Biotite, the dominant mafic mineral, defines a disjunctive and discontinuous foliation with centimetre-scale spacing.

5.0.1.2 Quartzofeldspathic gneiss

The quartzofeldspathic gneiss (Figure 3f) consists of well developed, centimetre-thick compositional layers of mainly quartz and potassium feldspar, alternating with bands of biotite and magnetite. The compositional banding is nearly always folded by centimetre to decimetre-scale disharmonic, gentle to isoclinal folds. Copper-sulphide mineralization in this unit is nearly ubiquitous and may represent up to 15% or more of the rock composition. Locally, magnetite-quartz gneiss contains up to 25% magnetite.

5.0.1.3 Biotite-rich gneiss

The biotite-rich gneiss (Figure 3g) is a major ore-hosting unit and is well exposed in the Minto main pit. Composition is commonly around 40-50% biotite, 30-40% plagioclase, and contains minor quartz and K-feldspar. Locally, this unit is composed of massive biotite.

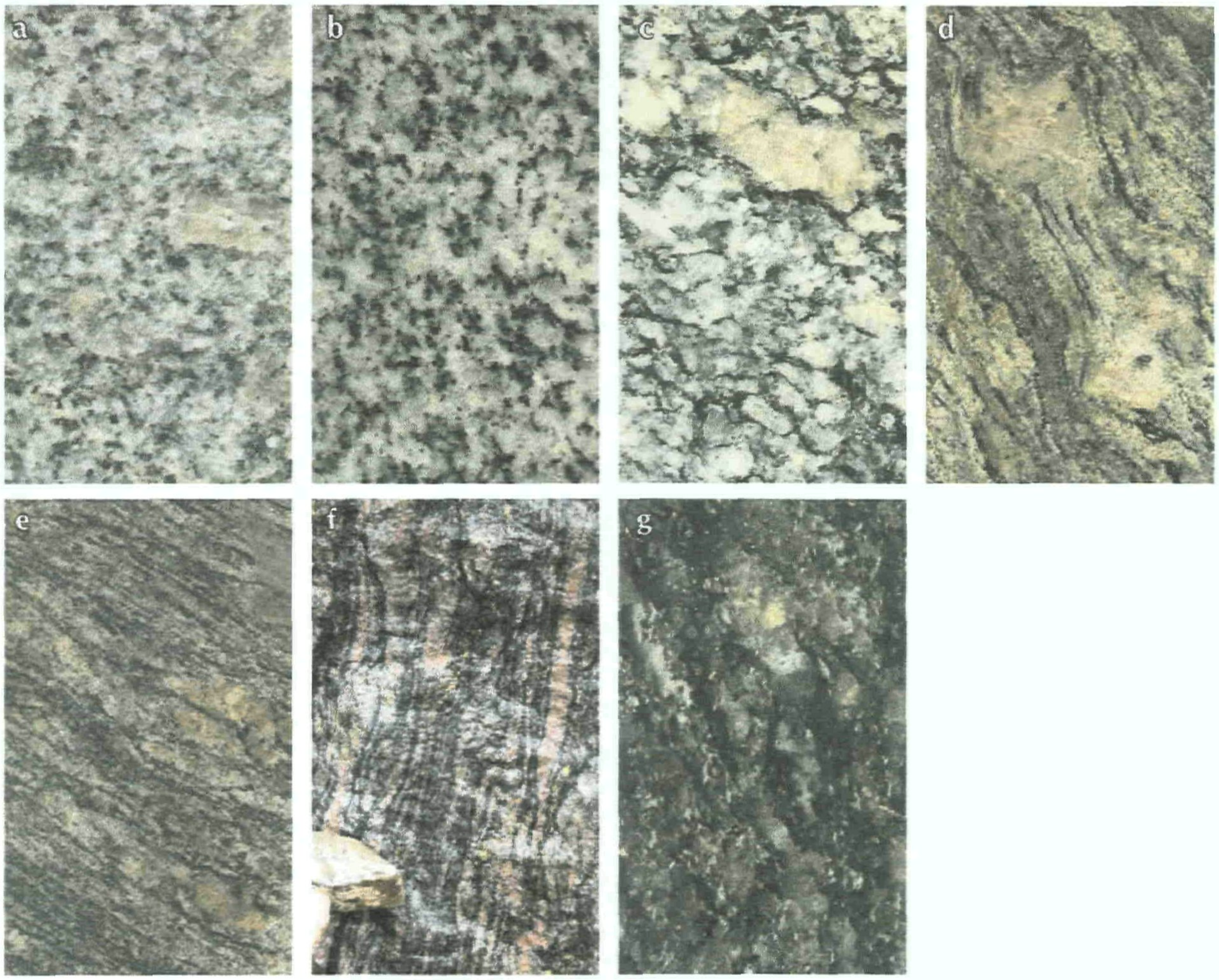


Figure 3. Major lithologies of the Minto property: (a) K-feldspar megacrystic granodiorite; (b) equigranular biotite±hornblende monzodiorite; (c,d,e) weakly, moderately, strongly (respectively) foliated biotite granodiorite; (f) quartzofeldspathic gneiss; and (g) biotite-rich gneiss (*extracted from Hood et al., 2009*)

5.0.2 Hydrothermal alteration

The following alteration descriptions are extracted from Hood et al. (2009). Observations are documented as part of a M.Sc. thesis project directed as understanding the Minto copper-gold mineralized system. The authors cannot expand on the alteration descriptions presented in this paper and have been included here to complete the regional geology section.

Preliminary observations of alteration mineralogy and assemblages have been made through examination of drill core and the Minto pit. Assemblages listed here are grouped by their most commonly observed mineral associations.

5.0.2.1 Veining

Veins are generally less than 0.5 cm in width and consist of late-stage calcite veining and fracture infill with associated hematite veining late-stage calcite veining and fracture infill without hematite veining; late-stage gypsum veining; late-stage hematite veinlets; and epidote veins or stringers that are sharp-walled, without selvages.

5.0.2.2 Silicification

A silica-rich alteration commonly overprints the quartzofeldspathic gneiss, and in places overprints other lithologies and their alterations. In the silicified quartzofeldspathic gneiss, quartz forms the majority of the rock matrix, and relict feldspar, sulphides and magnetite define a faint foliation.

5.0.2.3 Sericitization

Sericitization is observed in two forms at Minto. Most commonly, it is fine-grained saussuritization of plagioclase. Development of pervasive medium-grained white mica is less common. This alteration is texturally destructive and is associated with minor anhedral pyrite.

5.0.2.4 Epidote +chlorite ±magnetite

The epidote + chlorite ± magnetite assemblage is characterized by the patchy replacement of biotite, hornblende and rarely K-feldspar by anhedral, patchy epidote. This secondary epidote is distinct from primary euhedral magmatic epidote locally observed in the granodiorite (Tafti, 2005). Biotite within the alteration selvage is often weakly chloritized, and some zones contain alteration-associated magnetite.

5.0.2.5 Hematite + chlorite ± K-feldspar

Hematite + chlorite ± K-feldspar alteration is one of the most commonly observed alteration types within the Minto deposit. This alteration is characterized by pink fracture-controlled selvages of hematite dusting. This alteration is present in both deformed and undeformed units at Minto. It is rarely controlled by veinlets. Alteration selvages are millimetres to decimetres in scale. Feldspars are commonly replaced by orthoclase, and biotite and hornblende are generally replaced with chlorite.

5.0.2.6 Biotite + magnetite

Development of biotite and magnetite occurs in a range of lithologies and mineral associations, although always

5.1 Mineralization

The following summary of mineralization is relevant to the Minto property and extracted from Hood et al. (2009). Observations are documented as part of a M.Sc. thesis project directed as understanding the Minto copper-gold mineralized system. The authors cannot expand on the alteration descriptions presented in this paper and have been included here to complete the Mineralization section.

Hypogene mineralization consists of chalcopyrite and bornite and very rare euhedral chalcocite; these minerals may occur in combination or as individual blebs of massive to semi-massive mineralization. Gold and silver occur as microscopic inclusions within bornite. Free native gold is rare. Mineralization is nearly ubiquitously contained within foliated rocks, although there is an isolated case of native copper enclosed in a K-feldspar megacryst within the massive K-feldspar granodiorite. Hypogene copper sulphidation may be part of the biotite + magnetite alteration assemblage, as biotite and magnetite nearly always occur together with chalcopyrite and bornite. Massive chalcopyrite and/or bornite occur as stringers in all deposits, but are most common in the Minto main pit. These stringers are observed as being both parallel and oblique to foliation, as well as cross-cutting the main foliation in ore horizons.

Supergene alteration at Minto has produced secondary copper minerals such as chalcocite, azurite and malachite. These minerals usually occur along rims or fractures of primary copper minerals, or as whole-grain replacement. Native copper is rarely present as narrow veinlets or isolated blebs. Zones of supergene alteration are commonly close to surface, and are only locally observed at depth due to fault-controlled meteoric water penetration.

6.0 Adjacent Properties

Extracted from Hood et al. (2009)

The Minto property comprises several high-grade deposits (e.g., the Minto open-pit mine, Area 2, Area 118 and Ridgetop) plus several other significant prospects (e.g., Copper Keel, Copper Keel South, Airstrip, West Ridgetop and Upper Minto Valley) clustered within an area approximately 4 km^2. Ongoing exploration drilling has now established continuity between some deposits. Results from drilling are progressively suggesting that the Minto mineralization represents a single, large copper-gold deposit where the currently outlined deposits and prospects are actually high-grade pockets within a much larger copper-gold system. Discontinuities between areas appear to be due to post-mineralization faulting. In addition to the large aerial extent of this system, deep drilling (~300-350 m) within each of these zones consistently shows that this system comprises up to 13 individual deformed and mineralized horizons, stacked in a sub-horizontal, openly folded geometry. Although the mineralization is generally contained within these deformed zones, not all horizons exhibit ore grades; but all horizons yield some degree of copper-gold mineralization, from geochemically anomalous to very high grade. Individual horizons range from 1 to 2 m thick, to over 60 m thick, and have typical drill intersections of 10 to 25 m for the best mineralized intervals. A lateral continuity of individual horizons of up to 1.5 km was observed in drill holes and justifies the use of this stacked succession of deformation zones as pseudo-stratigraphy.

7.0 2009 Exploration program

Exploration conducted on R6A land by SFN included Total Field magnetic and Induced Polarization ground geophysical surveys as well as soil sampling, mapping, and prospecting. This work was targeted at land adjacent to the Minto mine property on areas identified as Grids 1, 2, and 3 (Figure 4).

7.1 Introduction

Total Field magnetic and Induced Polarization surveys are documented to be effective exploration tools in exploring for Minto-style copper-gold mineralization on the Minto property. The presence of seven copper-mineralized trenches and three diamond drill holes in the south western corner of Grid 1 provide an excellent baseline for the effectiveness of these surveys on adjacent R6A SFN land.

Mapping and prospecting were conducted over the Grid areas in order to place mineralization exposed by trenching in the context of mapping completed by Hood et al. (2009) in 2008. Understanding the structural and lithological relationships in the target area is a critical step in interpreting results from the geophysical surveys and directing further exploration. This mapping was concentrated over Grids 1 and 2. A soil sampling survey was conducted over Grids 1 and 2 to aid in geological and geophysical interpretation and as a guide to potential unexposed mineralized targets. Outcrop is very sparse and constrained to rare outcrop and uncommon subcrop on all three grids. Soil sampling on Grid 3 was designed to follow up on anomalous regional stream-sediment survey gold values.

7.2 Total Field magnetic survey

The Total Field magnetic survey, conducted from July 18 to August 01, 2009, was based out of Minto Mine. During the survey, the crew collected GPS data points for any outcrop or subcrop on the survey lines. A total of 134.7 line kilometers were completed.

Large parts of the first two grids are heavily littered with dead-fall while the third grid, north of Minto Road, is mostly brush.

7.2.1 Personnel and equipment

The total magnetic field survey was conducted by the following personnel:

Jacob Moeller	Crew chief
David Robinson	Field hand (July 18 – July 27)
Phillip Escher	Field hand (July 28 – August 01)

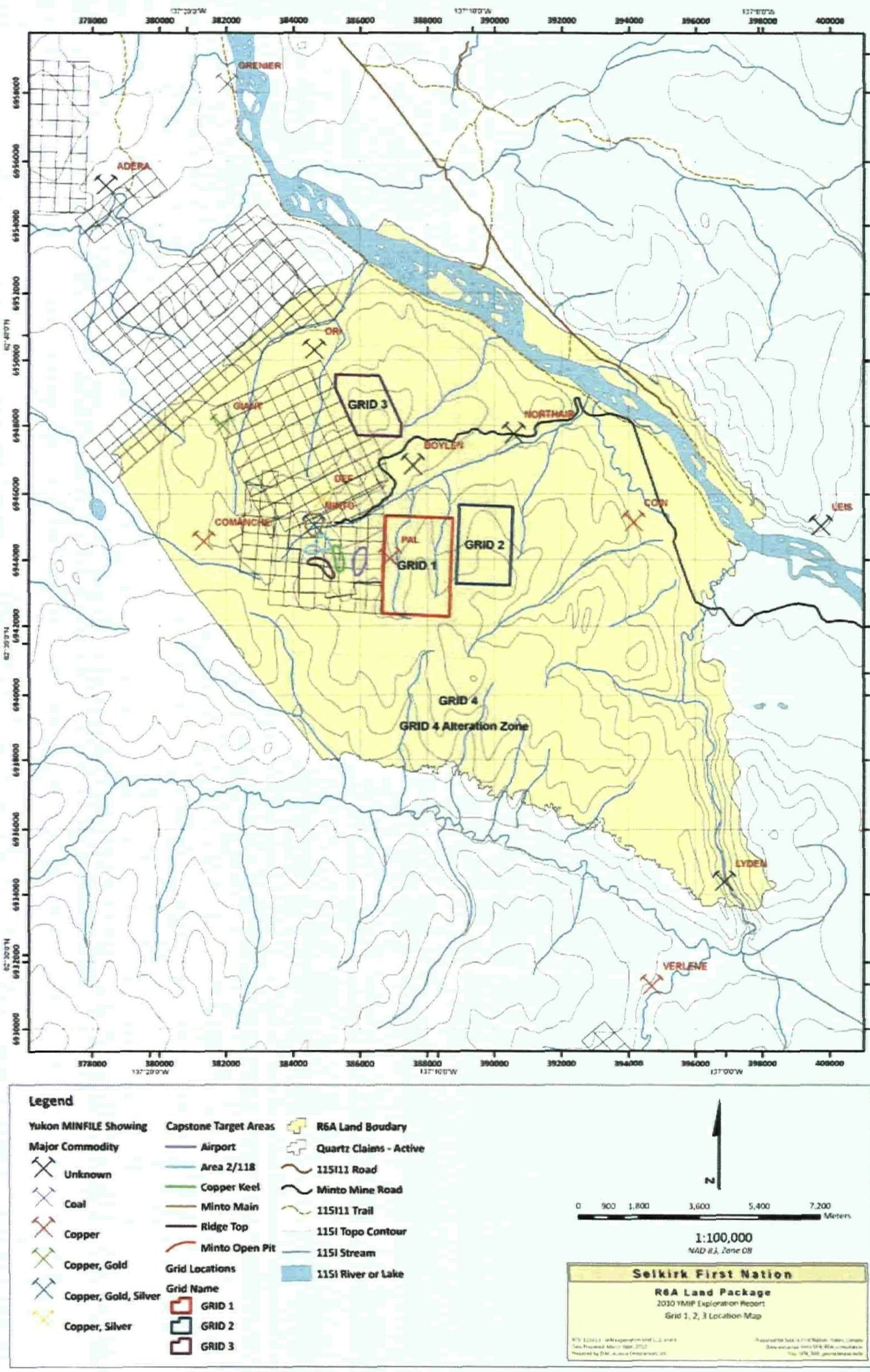


Figure 4. 2009 exploration grid location map

The crew was equipped with the following instruments and equipment:

Base Magnetometer 1 -	Gem GSM-19T Proton magnetometers (S/N: 2011134/R)
Mobile Magnetometer 2 -	Gem GSM-19T Proton magnetometers (S/N: 4111460, 712784)
Other:	2 - Garmin NDGPS 76 receivers
	1 - laptop computer with Geosoft Oasis Montaj
	2 - VHF radios

7.2.2 Survey area and stations

A total of 134.7 line km of total field magnetic data was surveyed over three grids with station spacing of 10 metres, and line spacings of 100 metres.

7.2.3 Survey specifications

The total field magnetic surveys were conducted according to the following specifications with exceptions as noted:

Station spacing: 10 m on all three grids.

Base station: Installed at a fixed location in a magnetically quiet area between the grids and cycled at a five second interval throughout the survey period.

Registration: Data was registered to UTM coordinates (NAD83) using a nondifferential GPS receiver mounted on the rover magnetometer.

7.2.4 Data processing

Data processing included the following steps and procedures:

1. *Registration.* The total magnetic field data was registered to UTM coordinates by matching or interpolating locations in the track log to corresponding magnetic field readings based on their record times.

2. *Geomagnetic variation removal.* Base and rover magnetometers were synchronized to GPS time prior to each survey day. The base station was located at NAD83 387403E 6946150N, was used for all three grids. The reference field was 56,000nT. Temporal geomagnetic variation was removed by linear interpolation using the base station data. Data collected during periods in which geomagnetic variation exceeds 10 nT / 10 s were not included in the final data set; no data was rejected as being above this noise threshold.

e. *Survey notes and data.* Four leveling lines were surveyed by each operator at the start of each survey day. The average difference from the first day of surveying served as a datum for leveling each operator's daily drift, as well as leveling between operators.

7.2.5 *Discussion of magnetic results*

The magnetic survey results are compiled on two map sheets, Figure 7.2.5a and 7.2.5bB, covering Grids 1&2, and Grid 3, respectively. These maps are included in Appendix II

The prominent features noted in Grids 1 and 2 are the northeasterly striking series of magnetic lows which likely coincide to structures, possibly faults or shears (Grids 1 & 2 Total Magnetic Field Contours, Appendix II). Broad areas of magnetic lows are likely good representations of facies changes or alteration of the underlying granodiorite. The spotty magnetic high nature of this map is representative of a granotoid complex which can have significant facies changes within it (more felsic portions) and as such produces a series of magnetic high features. During the mapping program, pegmatites were documented. Pegmatites could be coincident with the wormy portions of the magnetic low features or along the more consistent magnetic low structures. It is extremely difficult to interpret any sulphide zones within this magnetic response but one should be aware that the broad magnetic lows could well be indicative of highly altered zones (clay or silicification).

Grid area 3 (Grid 3 Total Magnetic Field Contours, Appendix II) reflects a much weaker magnetic variation which may well suggest less structure and alteration within the granitoid complex. Broader magnetic highs and lows would certainly suggest there is far less local variation of granitic facies. This portion of the granitoid complex may also be slightly deeper which would affect the overall appearance of very spotty highs and lows. One can still identify with a northeasterly trend to some of the structures but also a northwesterly trend to some of the magnetic high features. It would be difficult to interpret much else from this ground magnetic survey until some magnetic modeling or IP surveying is completed.

It should also be recognized that most structures noted in the ground magnetic survey are likely post-any mineralization and as such do not likely host primary mineralization. However, these structures may focus supergene mineralization and provide a window to more extensive mineralization at depth.

7.3 Induced Polarization survey

An Induced Polarization survey was conducted on the Grids 1 and 2. The survey took place between September 15 and October 8 2009.

A total of 18.950 line-km (8 lines) were surveyed using modified Pole Dipole IP. The survey was completed over 23 working days. The lines surveyed were cut and straight chained by the previous line cutting crew.

The survey was performed by a four man Aurora IP crew and 2 to 3 Selkirk trainees on rotation, working out of the Selkirk First Nation Camp at kilometre 19.5 on the Minto Mine Road.

The IP lines were spread out over a 4 km area and access was by baseline 1500 which was cut to a standard acceptable for an ATV. Nevertheless, there was some significant topography and wet sections along the trail and as such each transmitter move required a day to complete. Access along baseline 1500 required the IP spreads be split. The weather started to deteriorate towards the end of the survey. These factors severely impacted production and L3600E was not surveyed to completion.

7.3.1 *Personnel and equipment*

The surveys were conducted by the following personnel:

Table 1. Geophysical survey crew

Aurora IP Crew		
Dave Hildes	Project Manager	Sept 17 - 18, 2009
Steven Kramar	Crew chief	Sept 15 - Oct 08, 2009
Matt Olsen	Helper	Sept 15 - Oct 05, 2009
JP Lemire	Helper	Sept 15 - Oct 08, 2009
Alicia Cannata	Helper	Sept 15 - Oct 05, 2009

Selkirk Trainees		
Jimmy Simon	Trainee	Sept 18-19, 2009
Mitchelle Alfred	Trainee	Sept 18-19, 29, Oct. 07, 2009
Michael Harper	Trainee	Sept. 23-26, 2009
George Magrum	Trainee	Sept 14-16, 2009
George Mcginty	Trainee	Sept 27-29, Oct. 07, 2009
Warren Edzerza	Trainee	Sept 18-19, 2009
Barry Silverfox	Trainee	Sept 30 - Oct. 02, 07, 2009
Warren Stevens	Trainee	Oct. 01, 02, 04, 2009

The IP Crew was equipped with the following gear:

Table 2. Geophysical gear

IP receiver	1	Iris Elrec Pro | 2315-2023534051-122
IP transmitter	1	GDD TxII 3.6 kW | SIN: 242
Generator	1	Honda 5kW
IP equipment	1	Repair tools and spare IP parts
	25	50m 10 channel IP cables
	8 km	18 gauge wire on Georeels
	25	Stainless steel electrodes
Radio	4+2	VHF handheld radios
	1	Base radio with antenna
Computer	1	Laptop with geosoft IP package
Vehicles	1	Truck
	3	4x4 ATV's
GPS	4	Garmin GPS 76 non-differential handheld units

7.3.2 Survey specifications

The modified pole-dipole IP surveys were conducted according to the following specifications:

Table 3. IP Survey specifications

Array	Modified Pole-Dipole array
Dipole spacing	50 m on all lines
Dipoles read	N=1 through 10 (10 channels)
Tx	Time domain, 50% duty cycle, reversing polarity 0.125 Hz
Stacks	Minimum 15
Rx error	5 mV/V or less, otherwise repeated several times until repeatability assured
Grid registration	Handheld GPS points at line ends and every 200m. Averaged 60 seconds or until estimated accuracy <10 m, whichever was longer. All coordinates in NAD 82 zone 8N.

7.3.3 Data Processing

Data was downloaded nightly from the receiver and imported into Geosoft Oasis Montaj IP software package. Every reading was inspected and non-repeatable readings were rejected from the database. Apparent resistivity was re-calculated using a four electrode equation assuming a homogeneous earth. Average apparent resistivity and chargeability were calculated using a weighted mean based on the number of stacks and the standard deviation of the chargeability.

The ground provided clear and consistent readings. However, in those areas that produced a relatively lower signal to noise ratio, additional readings as well as greater stacks of averaged readings were taken in order to ensure repeatability. In the case when the cables were wet and data became questionable, an overlap of good data prior to the questionable data was completed to ensure repeatability and filter out bad data. Lack of confidence in the data arose when the cables became too wet and as such a 14 guage wire was used to ensure reliable data but came at the expense of using only 6 channel IP.

GPS points were taken using the handheld units and then downloaded to a laptop using GPSU software. Coordinates for all of the data points are calculated by linear interpolation. Elevations were determined from a digital elevation model from map sheet 115 I/11.

Data are presented in the form of pseudo-sections of apparent resistivity, apparent chargeability and apparent chargeability error, draped over topography for each survey line. All pseudo-sections are produced using Oasis Montaj software. Each pseudo-section is then exported into pdf format.

7.3.4 Discussion of IP results

The following results are based upon some knowledge of the Minto Mine area and the broad characteristics associated with that area. It is fairly well understood the mineralized zones are horizontal to sub-horizontal and that most faulting is post-mineralization.

The IP survey maps and sections presented in Appendix II. A map is prepared for each survey line as discussed below:

Line 0 E

The geophysical models in Figure 6.3.4a suggest there are coincident resistivity highs and chargeability highs within the southern portion of this section, between 350 N and 1600 N. It is surmised these coincident responses are reflective of alteration zones (resistivity highs), most likely silicification and the chargeable zones are reflective of some sulphide mineralization. These coincident responses should be considered higher priority areas for additional drilling. A weaker chargeability response located at 1950N – 2300 N is intriguing but is associated with a smaller zone of high resistivity. This would be a second order target.

Line 100 E

The IP models here reveal a high resistivity zone is coincident with a high chargeability zone between 400 N and 800 N. There is a second weaker zone of high resistivity and moderate chargeability at 1050 N to 1200N. The response between 400N and 800N is quite sharp and very definitive. This should be considered a high priority target.

Line 200 E

The zones of interest appear to be getting slightly deeper to the east extending some 250-300m below surface. An intense zone of low resistivity coincides with what appears to be an overburden horizon along 200E. An extremely prominent resistivity high is not likely cut off to the south or the north but does appear to be faulted up in the central portion of the section. Of extreme interest is the intense chargeability response coincident with a resistivity high response from approximately 0 N to 1000 N. This is response is relatively horizontal in appearance and would appear to reflect the style of mineralization documented at Minto. There appears to be a slight vertical offset at around 1100 N, where the chargeability high appears to be down-dropped to the north but appears to continue.

Line 1200 E

The strength of the chargeability anomaly has dissipated, either with depth or due to lack of alteration and/or mineralization. There is still a weak suggestion of a roughly horizontal resistivity high response which is coincident with a moderate strength chargeability response from 1800 N to 2700 N.

Lines 2100, 2400 and 3000 E

These lines all show the same sort of IP characteristics in their models. Highly resistive zones are associated with very low chargeability zones representing either intense clay alteration of the granodiorite or zones of thick overburden cover. The lack of good chargeable responses suggests there is little to no sulphide mineralization in this portion of the system. There is a very limited association of highly resistive bodies coinciding with chargeable bodies along these 3 survey lines. There are no identifiable targets on these 3 lines.

It is interesting we see some good examples of sub-vertical faults on L 3000 E. These sub-vertical features are very apparent on the resistivity models and occur on L3000 E at 1700, 2350 and 3000 N.

A weak target exists on L 2400 E from 2100 N – 2400 N and appears as a moderate resistivity and chargeability target. This is not a high priority target.

Line 3600 E (

The consistency in background of the resistivity values suggests a consistent lihological unit. Two small chargeability highs appear to be cut by a sub-vertical fault (likely non-mineralized) providing a horizontal appearance to the southerly extension of the chargeability high.

Although this survey was completed as a training exercise and a test on the SFN Lands, it has documented some very significant zones of both resistivity and chargeability highs which are very coincident to the types of targets being drilled at Minto. This survey was initiated in an area of past work, with some trenching and minor drilling, but it should be noted that the type of target is better understood from all of the work which has been completed at Minto. As such, a large chargeable target with a horizontal appearance should become a priority target for further exploration

Although more extensive IP should be completed in this area during the upcoming field program, some priority drill targets can be targeted on L 0, 100 and 200 E to test the very high chargeability responses between 400 N and 800 N on all three sections..

7.4 Geological program

Aurora Geosciences Ltd of Whitehorse were contracted to complete a training program for the Selkirk First Nations on their R6A Surface Lands. The geological portion of this program included a soil sampling, prospecting, and mapping program

Mapping, prospecting, and soil sampling were conducted on Grids 1, 2, and 3 between September 10, 2009 and October 8, 2009.

Soil sampling on Grids 1 and 2 was conducted along cut lines to aid in the interpretation of the geophysical surveys. Sampling conducted on Grid 3 was designed to follow up on anomalous gold values documented in regional stream-sediment surveys.

7.4.1 Operations

The Aurora crew chief (Michael Wark) mobilized to the property by truck from Whitehorse on September 10th. A second Aurora geologist/trainer (Gabe Fortin) mobilized by truck to the property on September 16th. The SFN trainees all returned to camp on September 10th after a short break following completion of the line cutting and grid construction training portion of the program on September 5th.

A classroom style prospecting program was completed between September 11th and September 13th. The prospecting course followed the curriculum of the prospecting course offered annually through the Yukon Chamber of Mines. This was followed by a mine tour of the Minto operation on September 14th, during which the SFN trainees were provided an opportunity to look at and sample ore grade mineralization from the open pit as well as view exploration drill core from other areas on the mine property.

On September 17th the SFN trainees were shown how to stake legally valid mineral claims as per the Yukon Quartz Mining Act. A number of hypothetical claims were laid out and the trainees located posts and blazed the location lines between posts. Claim tags were not applied to the cut posts as this was merely a training exercise. The post locations were loaded into a non-differential, hand held GPS receiver and the GPS receiver was then used to navigate along the location line between posts as well as to locate the claim posts.

The overall objectives of the program were twofold; to provide practical training in mineral exploration techniques to the SFN trainees and then to have the trainees apply these techniques to explore the property (Grid areas 1, 2 and 3) by soil sampling, mapping and prospecting.

The camp was dismantled and all personnel were demobilized from the project by October 8th. Camp gear was stored in a locked and secured container at Km 19.5 on the Minto mine access road.

7.4.2 Prospecting, mapping, and sampling

The area encompassed by Grids 1 and 2 was prospected and mapped from September 18th - 21st and October 6th. Areas of outcrop, subcrop, and rock or float samples were located using Garmin hand-held, non-differential GPS receivers. Field notes included rock and sample descriptions. Representative rock hand specimens were also collected from a number of different locations. This information was transferred to a master spreadsheet which is included on the CD attached to this report. All the representative specimens are currently being stored at Aurora's warehouse in Whitehorse.

No geological mapping or prospecting was done on Grid 3.

A geological map of the Grid 1 and 2 area is presented in Appendix III. This map shows the locations of all outcrop or subcrop found during the prospecting/mapping program. Localities where representative or assay samples were collected are also shown. The traverse routes are also indicated. It can be readily seen that the gridded area was not thoroughly investigated - large segments of the property were not prospected or mapped. Prospecting and mapping was primarily restricted to walking along cut grid lines.

Previous geological mapping on the adjacent Minto mine property has identified three major lithologies. These were differentiated by composition and degree of deformation and range from variably deformed gneisses to massive granitoids. Units identified and described during the 2009 mapping program are those documented by Hood et al. (2009). See the lithology section in the Regional geology for detailed lithology descriptions. Megacrystic potassium-feldspar granodiorite, Quartzofeldspathic gneiss, Biotite-rich gneiss were identified in outcrop, subcrop and boulders.

With the exception of several historic trenches observed near the west side of Grid 1, the predominant major rock lithology observed was megacrystic K-feldspar granodiorite. This includes what has been described as porphyritic K-Feldspar granodiorite. The K-Feldspar phenocrysts are ubiquitous and range in size from 1-8 cm. They are typically euhedral to subhedral. It would perhaps be useful to consider all rock coded as 2 and 3 to represent the same rock type - megacrystic K-feldspar granodiorite.

In a few localities, a leucocratic, fine to medium grained intrusive was noted. This unit contains up to 1 or 2% biotite with accessory hornblende in a matrix of predominantly feldspar with 5-10% modal Quartz. This rock appears to be the biotite +/- hornblende monzodiorite described by Hood et al (2009) and summarized above.

Pegmatite veins or dikes (5) were occasionally observed to cut the porphyritic granodiorite, however these veins do not appear to occur at a mappable scale. The veins, where observed, are typically on the order of 10 - 50 cm thickness. In some instances there is a well developed foliation developed in the granodiorite adjacent to the vein margins (Figure 5).

Figure 5. Well developed foliation developed in the granodiorite adjacent to the vein margins

No occurrences of the Folded Quartzofeldspathic Gneiss unit were observed.

A few occurrences of Biotite-Rich Gneiss, the major ore hosting unit at Minto, were observed in one of the historic trenches that are found between Line 0E and Line 200E. These samples represent float found in the trench bottom and contained abundant malachite and azurite staining on weathered surfaces and as incrustations on fractures. This unit was not observed anywhere in outcrop.

The following rock types as summarized in Table 4 were observed during the mapping and prospecting program.

Table 4. Rock Descriptions on R6A Lands

Rock Code	Rock Type or Description
1	Equigranular Granodiorite
2	Porphyritic K-Feldspar Granodiorite
3	Megacrystic K-Feldspar Granodiorite
4	Pegmatite
5	Biotite-Hornblende Monzodiorite
6	Biotite-rich gneiss

A total of 29 rock samples and one stream sediment sample were collected; six grab samples were geochemically analyzed (Figure 6). Two of these samples were collected from the existing the existing trenches. Samples 54256 and 54258 returned 1.12% Cu, 675ppb Au, and 3.8ppm Ag and 1.04% Cu, 565ppb Au, and 2.4ppm Ag, respectively. These two samples confirm historic grab sample grades reported in the literature. Table 5 summarizes the analytical results of the six collected samples.

Table 5. 2009 grab sample geochemical analysis

Station	Assay Tag#	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu (ppm)	Fe %	La	Mg %	EastingNAD83z8	NorthingNAND83z8
003-MW	54255	50	0.6	1.54	<5	165	<5	0.36	1	17	95	883	3.38	10	0.92	386665.34	6943259.7
005-WS	54256	675	3.8	1.33	<5	55	<5	0.46	2	13	74	11200	4.09	<10	0.84	386780.78	6943214.47
003-WS	54257	40	<0.2	1.65	<5	270	<5	0.53	<1	15	86	333	3.27	20	1.10	386662.91	6943270.48
006-WS	54258	565	2.4	1.39	<5	70	<5	0.36	2	11	70	10400	3.53	10	0.70	386805.51	6943198.3
004-WS	54259	35	0.4	1.81	<5	585	<5	0.33	<1	16	92	399	2.97	10	0.92	386681.18	6943275.81
020-MW	54260	15	<0.2	0.41	<5	165	<5	0.40	<1	3	114	45	0.91	<10	0.18	387275.79	6945395.76

Station	Assay Tag#	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	EastingNAD83z8	NorthingNAND83z8
003-MW	54255	1126	<1	0.08	5	1070	8	<5	<20	31	0.18	<10	90	<10	7	130	386665.34	6943259.7
005-WS	54256	552	<1	0.07	3	840	<2	<5	<20	32	0.13	<10	82	<10	4	70	386780.78	6943214.47
003-WS	54257	755	<1	0.08	5	1110	8	<5	<20	47	0.13	<10	79	<10	5	123	386662.91	6943270.48
006-WS	54258	537	<1	0.05	3	770	<2	<5	<20	31	0.11	<10	71	<10	4	80	386805.51	6943198.3
004-WS	54259	657	<1	0.08	5	950	8	<5	<20	32	0.19	<10	87	<10	4	111	386681.18	6943275.81
020-MW	54260	192	<1	0.08	5	390	6	<5	<20	56	0.03	<10	12	<10	1	18	387275.79	6945395.76

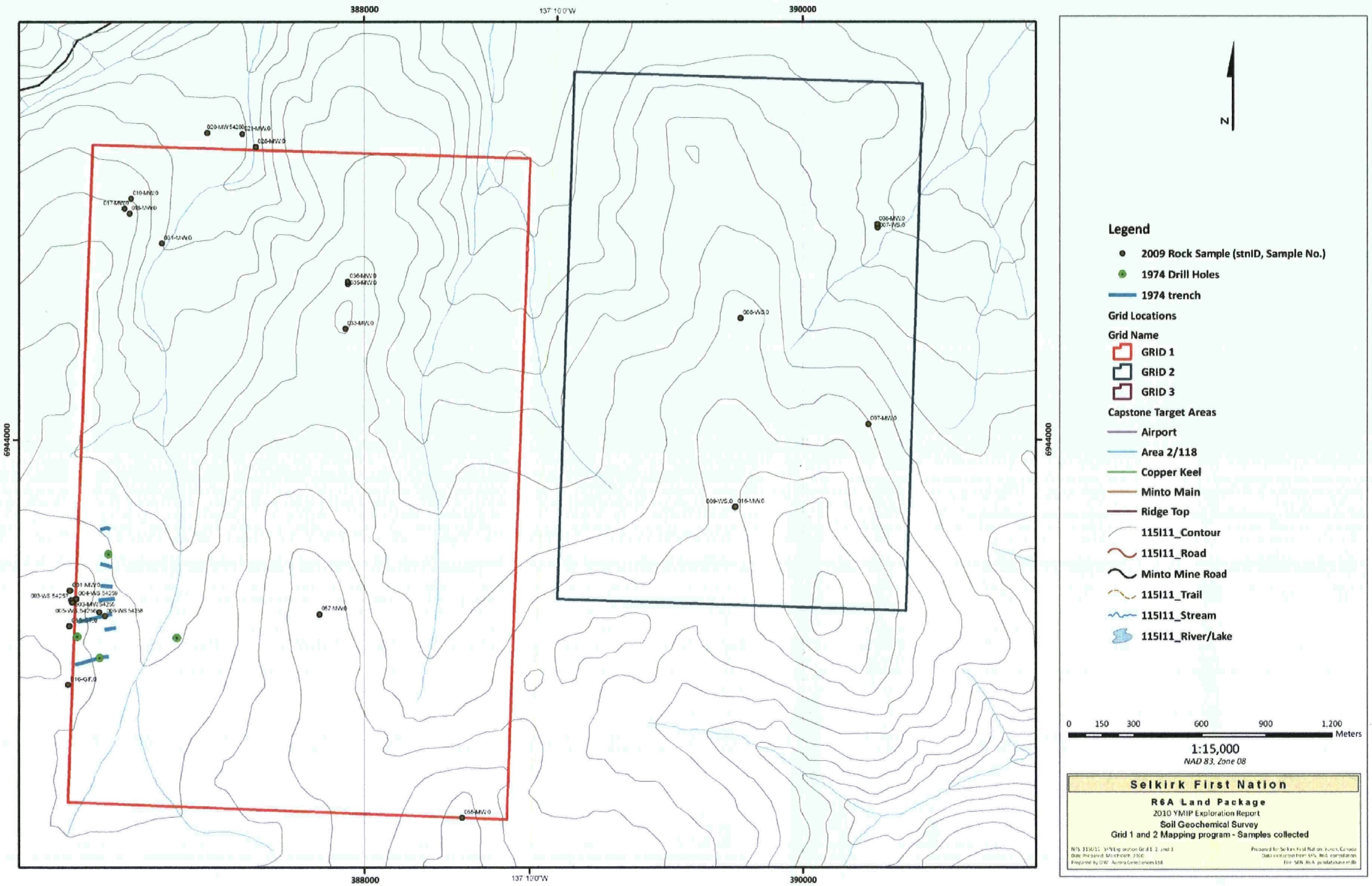


Figure 6. 2009 mapping program grab sample location and sample ID

7.5 Geochemical soil survey

The geochemical soil survey was conducted between September 10th and October 07th, 2009, coincident with the geologic mapping and prospecting program.

A total of 351 soil samples were collected over cut grid lines on Grids 1 and 2. All sampling control was by way of chained survey pickets marked with line and station coordinates. These coordinates were written on each Kraft sample bag as the sample material was collected. GPS coordinates were not taken for these samples.

A total of 501 soil samples were collected over Grid 3 area. This grid was not physically cut so sampling control was achieved through the use of hand held, non-differential GPS receivers. A virtual GPS grid was created that roughly duplicated the magnetic survey lines on Grid 3 and these GPS points were used to identify and locate the individual sample sites. Each sample traverse was assigned a line number and the stations along each line were consecutively labeled as S0, S1, S2, etc. These GPS coordinates were then downloaded to each samplers GPS receiver and the sampler then navigated from station to station.

Sample locations for Grids 1, 2, and 3 are shown in Figure 7.

7.5.1 Sampling procedures

All soil samples collected were believed to be representative of the B Horizon. A total of 852 samples were obtained for geochemical analysis. A hole or small pit was excavated at each sample site with a mattock. Samples were collected from an average depth of 20 cm below the vegetated horizon. Sample locations were marked in the field with flagging tape secured to a Tyvek tag that documented the sample identifier. The same sample identifier was written on a Kraft sample bag used to collect the material. Attributes of the collected sample, including grain size, texture, colour, depth, moisture, aspect and vegetative cover were recorded for each station. This information was recorded by each sampler in a field notebook. Digital copies of the field notes are included on the CD attached to this report.

The samples collected each day were taken back to camp and suspended to air dry slightly prior to packing and shipping to the laboratory.

The information for each sample location was recorded in an Excel database file. Sample sites where no sample was obtained were also noted. This file was also used to document the sample series packed and sealed in each individual "rice bag" prior to shipment to the lab. This procedure was followed to monitor chain of custody for the samples.

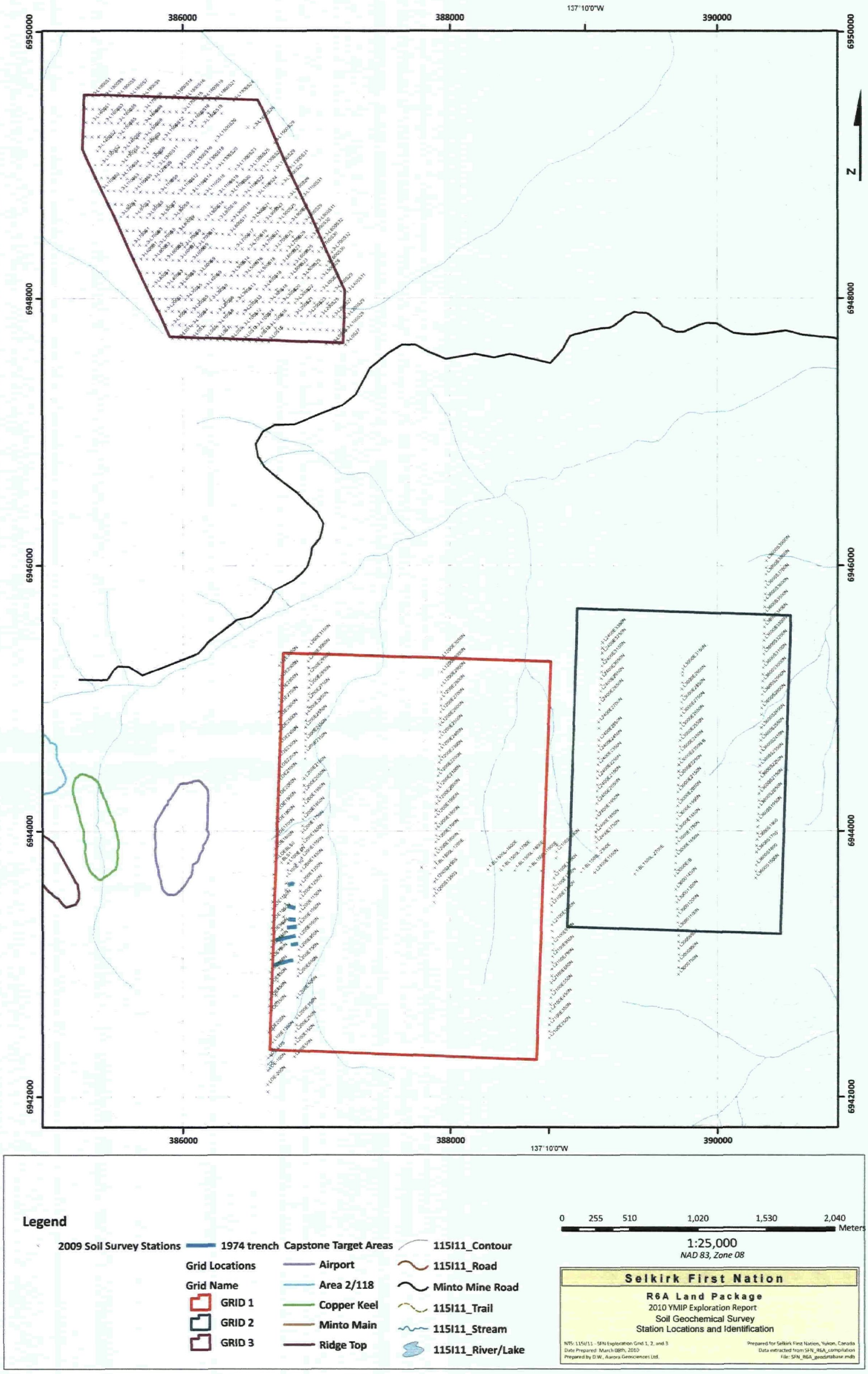


Figure 7. Soil survey station locations

7.5.2 Statistical procedures

Geochemical data processing consisted of the following procedures, described in Grunsky (2007), and applied to the elements described above:

1. Analyses below the detection limit and censored values above the upper limit of detection were assigned values equal to one half the detection limit.
2. Univariate statistics including mean, median, standard deviations (n, n-1), percentile thresholds (25, 75, 95, 98), minimum, maximum, number of min & max were calculated and tabulated.
3. Soil sample analytical results was plotted in histogram format and the skewness and kurtosis of the distributions were tabulated in the univariate statistical summary.
4. The data was plotted in Q-Q and box plots and described. The Q-Q plots were used to identify multiple sample populations and outliers. These are contained in Appendix IV.
5. A scatterplot matrix was constructed and the covariance matrix (Pearson N) was calculated were prepared to examine the covariance between elements. These results were summarized.
6. Principal component analysis of the soil data was performed on a suitable subset of elements.
7. Bubble plots of gold, molybdenum, copper and key PCA's with gold and molybdenum were plotted.

7.5.3 Univariate analysis

Table 6 summarizes the univariate analysis of the element responses. Shaded elements were excluded from principal component analysis because the responses were severely left censored with many values below detection limit. An exception was made for gold and silver despite its dominantly left censored response. Histograms, box plots and Q-Q plots for each element are in Appendix IV together with a brief description of each population.

Kurtosis in this report is calculated so that the kurtosis of a normal distribution is zero. Figure 8 shows the kurtosis of several common distributions; curve M is the normal distribution. In general, a curve with a positive kurtosis is peaked with long tails while a curve with a negative kurtosis has a flat top and no tails.

The box plots are most useful in analyzing single populations where the mean (red cross) and median (line) can be compared together with the ends of the whiskers. The whiskers would be the limits of normal distributions beyond which samples are highly anomalous (ie. outliers). The whisker limits are defined by the width of the quartiles above and below the mean so that a right skewed distribution will show a longer upper whisker than the lower whisker. Samples considered highly anomalous are plotted as individual symbols in the box plot.

Table 6. Univariate statistical summary

Statistic	Ag (ppm)	Al (ppm)	As (ppm)	Au ppm	Ba (ppm)	Bi (ppm)	Ca (ppm)	Cd (ppm)	Co (ppm)	Cr (ppm)
No of observations	845	845	845	845	845	845	845	845	845	845
No. of missing values	0	0	0	2	0	0	0	0	0	0
Sum of weights	845	845	845	843	845	845	845	845	845	845
Minimum	0.10	3600.00	2.50	0.00	55.00	2 50	1000.00	0.50	3.00	3.00
Maximum	6.80	30900.00	15.00	0.44	1005.00	10 00	26300.00	3.00	35.00	45.00
Freq. of minimum	823	1	180	388	1	835	2	553	2	1
Freq. of maximum	1	1	12	1	1	1	1	1	1	1
Range	6.70	27300 00	12.50	0.43	950.00	7 50	25300.00	2.50	32 00	42.00
25th Percentile	0 10	13200.00	5.00	0.00	145 00	2 50	2400.00	0.50	10.00	21.00
Median	0.10	16100.00	5.00	0.01	180.00	2 50	3200.00	0.50	11.00	25.00
Mean	0.11	16259.88	6.42	0.01	188.78	2 54	3789.82	0.78	11.63	25.38
75th Percentile	0.10	19100.00	10 00	0.01	215.00	2 50	4500.00	1.00	13 00	30.00
95th Percentile	0.20	23600.00	10 00	0.02	305.00	2 50	7600.00	2 00	17.00	37.00
98th Percentile	0 40	26000.00	15.00	0.02	375 00	5 00	10000.00	2.00	20.00	39.00
Kurtosis (Pearson)	798.37	0 14	-1.03	478 00	31.39	230 85	24.91	2.24	5.71	-0.10
Skewness (Pearson)	27.97	0.29	0.38	20 91	3.89	13 61	3.84	1.79	1.17	-0.04
Standard deviation (n)	0.23	4317.64	3.13	0.02	76 24	0 36	2425.63	0 47	3.07	6.57
Standard deviation (n-1)	0.23	4320.20	3.13	0.02	76.29	0 36	2427.07	0.48	3.07	6.58
Sum	95.30	13739600.00	5425.00	4.81	159520.00	2142 50	3202400.00	659.50	9829.00	21450.00

Statistic	Cu (ppm)	Fe (ppm)	La (ppm)	Mg (ppm)	Mn (ppm)	Mo (ppm)	Na (ppm)	Ni (ppm)	P (ppm)	Pb (ppm)
No. of observations	845 00	845.00	845.00	845.00	845 00	845.00	845.00	845.00	845 00	845.00
No. of missing values	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sum of weights	845.00	845.00	845.00	845.00	845 00	845 00	845.00	845 00	845.00	845.00
Minimum	3 00	8200.00	5.00	1000.00	82 00	0.50	100.00	4 00	140.00	1.00
Maximum	1036.00	58600 00	100.00	19300.00	1825 00	3.00	600.00	46 00	2610.00	44.00
Freq of minimum	1.00	1 00	701.00	1.00	1.00	207.00	6.00	1.00	1.00	3.00
Freq. of maximum	1.00	1.00	1.00	1.00	1 00	3.00	1.00	1.00	1.00	1.00
Range	1033.00	50400.00	95 00	18300.00	1743.00	2.50	500.00	42.00	2470.00	43.00
25th Percentile	10.00	23800.00	5.00	4500.00	246.00	1 00	200.00	12 00	400.00	8.00
Median	14.00	27100 00	5.00	5400.00	310.00	1 00	300.00	16.00	580.00	10.00
Mean	19 22	27367.46	6.55	5723 79	359.50	1.12	263.08	16.49	642 39	10.41
75th Percentile	19.00	30400.00	5.00	6500.00	407 00	1.00	300.00	19.00	810 00	12.00
95th Percentile	42.00	37100.00	20 00	9400.00	684 00	3 00	500.00	28.00	1290.00	18 00
98th Percentile	66.00	41400.00	30.00	11200.00	964 00	3 00	500.00	35.00	1630 00	22.00
Kurtosis (Pearson)	422.22	1.73	131.85	5.68	14.20	-0.45	0.51	2.34	3.89	8.26
Skewness (Pearson)	18.94	0.55	9.85	1.62	3.02	0.78	0.69	1.14	1.58	1.41
Standard deviation (n)	42.25	5662.34	5.88	1951.83	187.67	0.54	68.53	6.07	336 82	3.76
Standard deviation (n-1)	42.28	5665.70	5.88	1952.98	187.78	0.54	68.57	6.07	337.02	3.77
Sum	16238.00	23125500.00	5535 00	4836600.00	303775 00	944.50	222300.00	13930.00	542820.00	8797.00

Statistic	Sb (ppm)	Sn (ppm)	Sr (ppm)	Ti (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)
No. of observations	845 00	845 00	845 00	845.00	845 00	845.00	845 00	845.00	845.00
No of missing values	0 00	0 00	0.00	0 00	0 00	0.00	0 00	0.00	0.00
Sum of weights	845 00	845 00	845 00	845.00	845 00	845.00	845 00	845 00	845.00
Minimum	2 50	10 00	9.00	50.00	5 00	12.00	5 00	0 50	4.00
Maximum	2 50	10 00	146.00	3200.00	5 00	128.00	5 00	48 00	417.00
Freq. of minimum	845 00	845 00	3.00	4.00	845 00	1.00	845 00	7.00	1.00
Freq. of maximum	845 00	845 00	1 00	1.00	845 00	1.00	845 00	1 00	1.00
Range	0 00	0 00	137.00	3150.00	0 00	116.00	0 00	47 50	413 00
25th Percentile	2 50	10 00	18.00	600.00	5 00	57 00	5 00	2 00	42.00
Median	2 50	10 00	24 00	800.00	5 00	66.00	5 00	2.00	50 00
Mean	2 50	10 00	27.30	828.76	5 00	66.84	5 00	3.50	56.93
75th Percentile	2 50	10 00	31.00	1000.00	5 00	76.00	5 00	4 00	66.00
95th Percentile	2 50	10 00	55.00	1500.00	5 00	91.00	5 00	9 00	95.00
98th Percentile	2 50	10 00	73.00	1800.00	5 00	102.00	5 00	12.00	109 00
Kurtosis (Pearson)			14 47	4.11		1.05		63 05	52.22
Skewness (Pearson)			3.05	1.23		0.34		6.13	5.77
Standard deviation (n)	0 00	0 00	15 44	320.84	0 00	14.69	0 00	3.45	30.06
Standard deviation (n-1)	0 00	0 00	15.45	321.03	0 00	14.70	0 00	3.45	30.08
Sum	2112 50	8450 00	23068.00	700300.00	4225 00	56478.00	4225 00	2958.50	48104.00

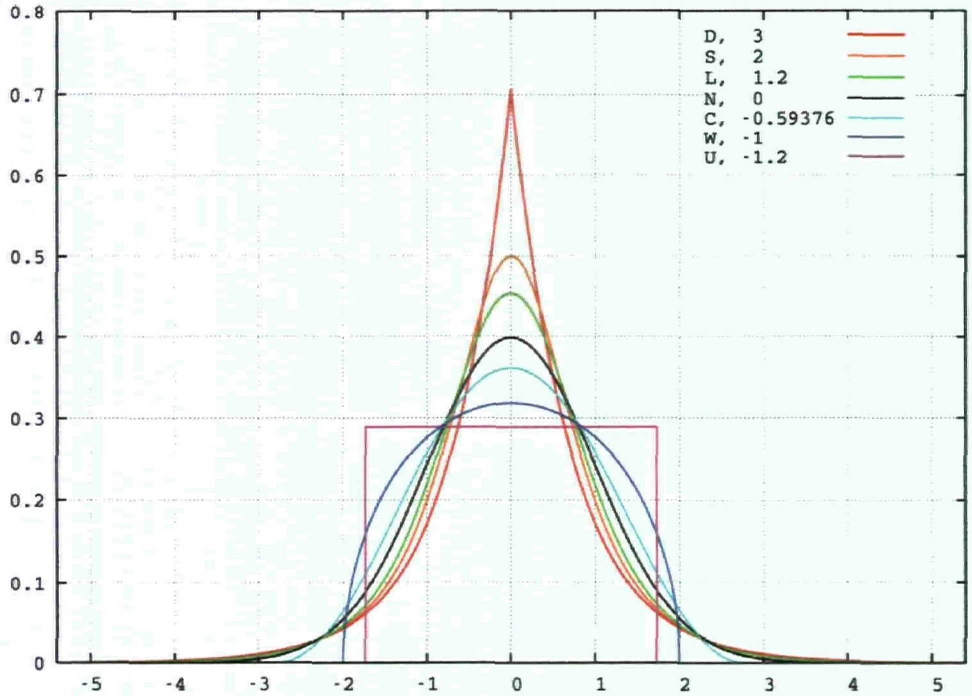


Figure 8. Kurtosis defined by the modified formula

The Q-Q plots show the distribution of the data (x-axis) against a theoretical normal distribution with a mean and standard deviation equal to that of the data set (y-axis). If the data were a single normally distributed data set, the plot would be a straight line, coincident with the dashed line at 450. If a data set contains left censored values (ie. values below the detection limit), the Q-Q plot will be curved downwards towards the detection limit on the left and will rise steeply at first. Thereafter, the right hand portion of the plot will be a straight line, not coincident with the dashed line (because of an incorrect estimate of the standard deviation). A data set with three separate populations will show three separate line segments in a Q-Q plot.

The univariate statistical analyses suggest that the elements can be grouped into the following general categories:

1. *Elements with no response above detection limits*. These include Sb, Sn, W, and U.
2. *Elements with a few responses above detection limits*. This group includes Au, Ag, As, and Bi
3. *Elements in two clear populations*, at least one of which is left censored. This group includes Zn, Y, Ni, Mn, and Mg. The second distributions to the right of the peaks near the detection limit are often left skewed distributions and the response at the detection limit is most likely an artifact.
4. *Elements in three populations*. This group includes P. One of these populations could reflect a volcanic ash source.
5. *Elements in a single near normal population*. Na, Fe, Cr, and Al are elevated and show a single population distribution. It is possible that Na in this distribution reflects a volcanic ash source

7.5.4 Covariate analysis

A scatter plot matrix of the geochemical survey results is presented in Appendix IV. Pearson (N) covariance was calculated using XLSTAT and the results are summarized in the tables below:

Table 7. Pearson correlation matrix of sample data (natural log data)

Variables	Ag	Al	As	Au_ppm	Ba	Ca	Cd	Co	Cr	Cu	Fe	La
logAg	**1**	-0.009	-0.013	**0.170**	**0.108**	**0.236**	-0.040	**0.088**	**-0.140**	**0.247**	-0.007	**0.375**
logAl	-0.009	**1**	**0.326**	**-0.139**	**0.115**	**-0.264**	**0.358**	**0.658**	**0.336**	0.027	**0.857**	**-0.140**
logAs	-0.013	**0.326**	**1**	0.050	**0.153**	**-0.311**	**0.081**	**0.169**	**0.636**	**0.262**	**0.270**	-0.004
logAu_ppm	**0.170**	**-0.139**	0.050	**1**	**0.157**	**0.171**	**0.075**	-0.026	**-0.083**	**0.081**	**-0.163**	**0.225**
logBa	**0.108**	**0.115**	**0.153**	**0.157**	**1**	**0.310**	0.019	**0.309**	**0.292**	**0.269**	0.041	**0.171**
logCa	**0.236**	**-0.264**	**-0.311**	**0.171**	**0.310**	**1**	-0.064	**0.170**	**-0.274**	**0.299**	**-0.227**	**0.431**
logCd	-0.040	**0.358**	**0.081**	**0.075**	0.019	-0.064	**1**	**0.411**	0.026	**-0.115**	**0.321**	**-0.077**
logCo	**0.088**	**0.658**	**0.169**	-0.026	**0.309**	**0.170**	**0.411**	**1**	**0.209**	**0.241**	**0.673**	**0.074**
logCr	**-0.140**	**0.336**	**0.636**	**-0.083**	**0.292**	**-0.274**	0.026	**0.209**	**1**	**0.288**	**0.242**	-0.020
logCu	**0.247**	0.027	**0.262**	**0.081**	**0.269**	**0.299**	**-0.115**	**0.241**	**0.288**	**1**	**0.072**	**0.399**
logFe	-0.007	**0.857**	**0.270**	**-0.163**	0.041	**-0.227**	**0.321**	**0.673**	**0.242**	**0.072**	**1**	**-0.095**
logLa	**0.375**	**-0.140**	-0.004	**0.225**	**0.171**	**0.431**	**-0.077**	**0.074**	-0.020	**0.399**	**-0.095**	**1**
logMg	0.014	**0.721**	0.018	**-0.112**	**0.088**	**0.153**	**0.293**	**0.701**	0.037	0.057	**0.759**	0.046
logMn	**0.266**	**0.266**	**-0.194**	**0.094**	**0.248**	**0.420**	**0.141**	**0.637**	**-0.229**	**0.140**	**0.413**	**0.251**
logMo	0.061	**0.468**	**0.410**	**-0.153**	**0.110**	**-0.213**	-0.046	**0.344**	**0.318**	**0.194**	**0.387**	**-0.112**
logNa	**0.165**	-0.065	-0.014	**0.082**	**0.204**	**0.304**	**-0.505**	-0.009	**0.085**	**0.313**	**0.071**	**0.311**
logNi	0.018	**0.214**	**0.527**	0.046	**0.452**	**0.075**	-0.042	**0.336**	**0.789**	**0.483**	**0.134**	**0.146**
logP	**0.123**	**0.143**	**-0.212**	0.018	**0.134**	**0.455**	**0.116**	**0.378**	**-0.300**	**0.096**	**0.300**	**0.160**
logPb	**0.087**	**0.529**	**0.431**	0.063	**0.265**	**-0.310**	**0.313**	**0.344**	**0.527**	**0.124**	**0.467**	0.026
logSr	**0.211**	-0.019	**-0.333**	**0.090**	**0.247**	**0.773**	-0.044	**0.202**	**-0.265**	**0.092**	-0.008	**0.325**
logTl	**-0.087**	**0.527**	-0.046	**-0.242**	**-0.160**	**-0.090**	**0.261**	**0.463**	**0.081**	-0.045	**0.587**	**-0.073**
logV	**-0.087**	**0.793**	**0.257**	**-0.152**	-0.055	**-0.307**	**0.480**	**0.632**	**0.244**	-0.001	**0.852**	**-0.174**
logY	**0.243**	**-0.357**	0.010	**0.187**	**0.300**	**0.645**	**-0.207**	0.007	-0.008	**0.521**	**-0.293**	**0.646**
logZn	**0.094**	**0.701**	-0.047	**-0.141**	-0.014	-0.005	**0.285**	**0.595**	-0.044	0.001	**0.768**	-0.048

Values in bold are different from 0 with a significance level alpha=0.05

Variables	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Ti	V	Y	Zn
logAg	0.014	**0.266**	0.061	**0.165**	0.018	**0.123**	**0.087**	**0.211**	**-0.087**	**-0.087**	**0.243**	**0.094**
logAl	**0.721**	**0.266**	**0.468**	-0.065	**0.214**	**0.143**	**0.529**	-0.019	**0.527**	**0.793**	**-0.357**	**0.701**
logAs	0.018	**-0.194**	**0.410**	-0.014	**0.527**	**-0.212**	**0.431**	**-0.333**	-0.046	**0.257**	0.010	-0.047
logAu_ppm	**-0.112**	**0.094**	**-0.153**	**0.082**	0.046	0.018	0.063	**0.090**	**-0.242**	**-0.152**	**0.187**	**-0.141**
logBa	**0.088**	**0.248**	**0.110**	**0.204**	**0.452**	**0.134**	**0.265**	**0.247**	**-0.160**	-0.055	**0.300**	-0.014
logCa	**0.153**	**0.420**	**-0.213**	**0.304**	**0.075**	**0.455**	**-0.310**	**0.773**	**-0.090**	**-0.307**	**0.645**	-0.005
logCd	**0.293**	**0.141**	-0.046	**-0.505**	-0.042	**0.116**	**0.313**	-0.044	**0.261**	**0.480**	**-0.207**	**0.285**
logCo	**0.701**	**0.637**	**0.344**	-0.009	**0.336**	**0.378**	**0.344**	**0.202**	**0.463**	**0.632**	0.007	**0.595**
logCr	0.037	**-0.229**	**0.318**	**0.085**	**0.789**	**-0.300**	**0.527**	**-0.265**	**0.081**	**0.244**	-0.008	-0.044
logCu	0.057	**0.140**	**0.194**	**0.313**	**0.483**	**0.096**	**0.124**	**0.092**	-0.045	-0.001	**0.521**	0.001
logFe	**0.759**	**0.413**	**0.387**	**0.071**	**0.134**	**0.300**	**0.467**	-0.008	**0.587**	**0.852**	**-0.293**	**0.768**
logLa	0.046	**0.251**	**-0.112**	**0.311**	**0.146**	**0.160**	0.026	**0.325**	**-0.073**	**-0.174**	**0.646**	-0.048
logMg	**1**	**0.493**	**0.230**	**0.106**	**0.148**	**0.414**	**0.223**	**0.321**	**0.641**	**0.626**	**-0.111**	**0.749**
logMn	**0.493**	**1**	0.046	**0.265**	-0.038	**0.527**	**0.102**	**0.421**	**0.224**	**0.269**	**0.220**	**0.541**
logMo	**0.230**	0.046	**1**	0.024	**0.304**	**-0.095**	**0.240**	**-0.216**	**0.104**	**0.303**	**-0.159**	**0.233**
logNa	**0.106**	**0.265**	0.024	**1**	**0.287**	**0.200**	**0.089**	**0.346**	**-0.094**	**-0.225**	**0.309**	0.032
logNi	**0.148**	-0.038	**0.304**	**0.287**	**1**	**-0.082**	**0.393**	0.027	**-0.084**	0.005	**0.215**	-0.063
logP	**0.414**	**0.527**	**-0.095**	**0.200**	**-0.082**	**1**	-0.005	**0.405**	**0.215**	**0.143**	**0.173**	**0.443**
logPb	**0.223**	**0.102**	**0.240**	**0.089**	**0.393**	-0.005	**1**	**-0.168**	**0.073**	**0.432**	**-0.200**	**0.304**
logSr	**0.321**	**0.421**	**-0.216**	**0.346**	0.027	**0.405**	**-0.168**	**1**	0.054	**-0.174**	**0.350**	**0.179**
logTi	**0.641**	**0.224**	**0.104**	**-0.094**	**-0.084**	**0.215**	**0.073**	0.054	**1**	**0.651**	**-0.213**	**0.593**
logV	**0.626**	**0.269**	**0.303**	**-0.225**	0.005	**0.143**	**0.432**	**-0.174**	**0.651**	**1**	**-0.341**	**0.617**
logY	**-0.111**	**0.220**	**-0.159**	**0.309**	**0.215**	**0.173**	**-0.200**	**0.350**	**-0.213**	**-0.341**	**1**	**-0.217**
logZn	**0.749**	**0.541**	**0.233**	0.032	-0.063	**0.443**	**0.304**	**0.179**	**0.593**	**0.617**	**-0.217**	**1**

Correlations in bold are different from zero with a significance level of 5%; equivalently there is a 95% chance that the correlation shown is not random (0). Gold correlates most strongly with La, Y, Cu, Ag, and Ba in decreasing order. Silver correlates most strongly with La, Mn, Cu, Y, and Ca. Copper correlates most strongly with Y, Ni, La, Na, and Ca.

7.5.5 Principal component analysis

Principal component analysis (PCA) is a means of reducing the number of variables in a data set by deriving factors which explain the observed responses. Factors are linear combinations of elemental responses derived from the correlation matrix. The proportion of the element response in each factor is generally expressed in percentages and different combinations of elements in varying proportions define each factor. PCA derives a series of factors which explain the observed responses in the data set up to a specified level of fit, specified in percent. The factors often reflect physical processes operating in the area where the samples were collected. Weathering, bedrock lithological variations, overburden processes, alteration and mineralization often have associated factors with corresponding element combinations reflecting these underlying processes. For example, a factor associated with weathering might be elevated in Al, Ca and low in mobile metallic elements. A factor associated with a given style of bedrock mineralization might have a combination of elevated metal responses reflecting that style of mineralization.

The response at any given sample site is a combination of factor scores for that site which in aggregate define the total geochemical response at that site. The factor scores will vary spatially depending upon the underlying physical processes. An area covered by thick till will have a geochemical response dominated by factor scores associated with till geochemistry. If overburden is thin or absent and the soil locally derived, the geochemical response will be dominated by factor scores associated with varying bedrock type and the response from a till or overburden score will be quite small. Finally, an area underlain by a mineral deposit will have a geochemical response dominated by factor scores associated with that style of mineralization; the factor scores for those factors associated with other processes will be comparatively weak.

PCA is based upon the assumption that the variables are normally distributed. As a result, log transformed data was used in the PCA to mitigate the non-normal nature of most distributions and elements which had no response or were heavily left censored were omitted. The set of elements used in the PCA included Au, Al, Ba, Cu, Cd, Co, Cr, Cu, Fe, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sr, Ti, V and Zn. Gold and silver were included as primary elements of interest despite the fact that its response is heavily left censored at the detection limit.

The PCA yielded a total of 24 factors explaining 100.000% of the observed variability in the geochemical response. The relative contributions of the factors to the total observed response is depicted in Table 8, and Figure 9. Table 9 summarizes the contribution of each element to the PCA factors. Factors F1 (26.078%), F2 (17.872%), F3 (14.256%), F4, F5 = 69% of the data. Element variables with a significant contribution to factor F1 include Fe, Al, V, Co, Mg, Zn, and Ti (Table 9). Elements of interest (Cu, Au, Ag) are show vary low concentrations in these data. This elemental association could be indicative of organic shale or mafic lithology. In this terrain, mafic or organic shale signatures in the data are inferred to be till contamination sourced from the Carmacks Group volcanics to the west. Factor F2 is dominated by Ca, Sr, Y, La, Mn, P, and Na and may be showing the igneous host rock, or perhaps depth to bedrock (Table 9). Factor F3 has a very strong affinity to Ni, Cr, and As, lesser Cu, Ba, Pb, and Mo (Table 9). These elements are also coincident with an organic shale or mafic host. Factor F4 shows a strong response from Cd, Au, and Na (total 75.1%) and lesser Mo, Pb, Ba, and Ti (Table 9). Factor F5 is dominated by Ag (36.2%) and lesser Ba, La, Ni, Sr, and Ca (Table 9).

Table 8. Factor summary, relative contributions and eigenvalues

	F1	F2	F3	F4	F5	F6	F7	F8
Eigenvalue	6.259	4.289	3.422	1.466	1.193	1.091	0.899	0.738
Variability (%)	26.078	17.872	14.256	6.106	4.970	4.547	3.746	3.073
Cumulative %	26.078	43.950	58.206	64.313	69.283	73.830	77.576	80.649

	F9	F10	F11	F12	F13	F14	F15	F16
Eigenvalue	0.683	0.561	0.513	0.451	0.417	0.378	0.298	0.280
Variability (%)	2.847	2.338	2.136	1.878	1.739	1.576	1.240	1.166
Cumulative %	83.496	85.834	87.970	89.848	91.587	93.163	94.404	95.570

	F17	F18	F19	F20	F21	F22	F23	F24
Eigenvalue	0.242	0.213	0.181	0.120	0.108	0.098	0.053	0.049
Variability (%)	1.010	0.887	0.752	0.500	0.449	0.408	0.221	0.203
Cumulative %	96.580	97.467	98.220	98.720	99.168	99.576	99.797	100.000

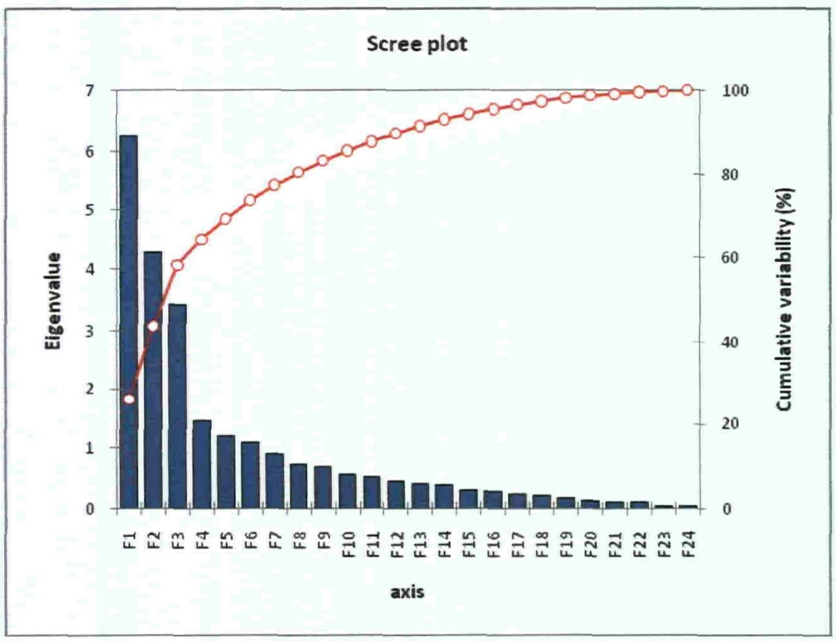


Figure 9. PCA factor scree plot

Table 9. Contribution of elements to PCA factors

element	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
logAg	0.004	4.140	0.211	1.684	36 279	0 248	5 119	21 898	4.091	3.063	10.039	6 191
logAl	13.213	0.504	0.043	0.066	0.136	0.535	0.010	0.114	2 966	0.009	1.298	0.122
logAs	1.426	1.640	14 230	0.488	0.725	0.804	0.007	3 358	0.005	12 066	10.941	8.419
logAu_ppm	0 366	1.438	0 565	20.656	3.748	8.772	5.456	39 415	12.026	0.002	3.317	0.606
logBa	0.366	3 792	5 897	2 613	10.748	9 715	6 582	1 872	0.600	18 607	0.192	23 169
logCa	0.330	17 617	0 268	0 141	5.607	0.920	1 460	0 004	2.181	3 398	0.120	0.373
logCd	3.171	0 478	1.078	35.150	2.211	2.592	0 052	2.131	0 207	2.913	0.150	8.020
logCo	10.755	1.997	0.035	1.273	1.429	0 286	4 647	0 911	0.030	1.862	0 976	2.774
logCr	1.693	1.388	18.168	0.190	4.356	0.434	3.439	1.789	0.357	0.004	0.872	0.241
logCu	0.218	4.652	8.803	0.426	1.811	12.760	0.360	2.243	5 194	0.430	23.339	6.501
logFe	13 787	0 054	0.110	0.960	1.012	0.177	0.958	0 493	0.388	0.001	0 443	0 118
logLa	0 098	9.506	1.523	1.327	8.203	8.391	7.470	1.594	0.112	5.295	23.452	0.008
logMg	10.715	1.512	1.482	1.169	0 885	0 148	0 741	0 247	6 025	0.345	0 227	0 000
logMn	3 431	9 009	1.811	0 203	0.800	2 906	2.044	0.947	4.904	10 772	0 008	5.602
logMo	3 093	0 697	3.718	5.589	3.943	0.033	35 618	4.636	3.486	0.040	7.281	1.633
logNa	0.007	6.284	2 217	19 332	1.402	11.338	12 127	0.325	0 243	0.043	0 046	2.334
logNi	1.052	0.508	19.587	0.270	6.796	0 008	0.090	0.240	1 280	3 387	3 587	1.615
logP	1.591	7.204	3.491	0.013	0.507	1 043	0.004	1.978	26 643	25.664	0.085	12.256
logPb	4.752	0 493	5.516	4.278	1.382	10 211	6 605	9.852	5.503	0.034	0 923	4.067
logSr	0 017	13 273	1 423	0.255	5 967	1 278	0.197	4.457	17.347	5.506	2 054	1.573
logTi	6.736	0 063	3.358	2.222	0.329	11.676	6.102	0.025	4.338	2.539	6.864	12.307
logV	11.855	1 339	0 441	0 608	0.352	2.349	0.729	0.510	0.190	1.607	0.046	0.524
logY	1.138	11.919	2.696	0.239	0.003	12.859	0.067	0.886	1.684	2.293	3.625	1.537
logZn	10.186	0.493	3.327	0.846	1.369	0 517	0.118	0.075	0 198	0.120	0 115	0.009

element	F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24
logAg	3.773	0 024	0.081	0 562	0.009	2.334	0 003	0.006	0.001	0 004	0.213	0.023
logAl	4.222	1.524	4.271	0 447	2.216	1.477	0 352	13 380	2 111	47 317	3.206	0.461
logAs	9.022	16.343	0.022	0.034	3.253	14.532	1 433	0.173	0.981	0 004	0.013	0.083
logAu_ppm	0.519	1.198	0.013	1 124	0.208	0 114	0 188	0 016	0 121	0.025	0.099	0.008
logBa	8.219	0.828	0.082	2.605	1.936	1.090	0 230	0.360	0 005	0 411	0 004	0.079
logCa	0.055	0 894	2.505	4.672	0 143	2 290	0.413	18.117	24.721	1.894	0 698	11 179
logCd	0.420	0 059	9.830	3 820	20.628	0.388	5.003	0 619	0.296	0 480	0.104	0.199
logCo	9.322	1 407	0.002	2 062	6.094	0 719	4.805	18 579	14 753	7.276	7.941	0.064
logCr	3.713	2.440	0 001	6 659	1 493	2.084	15.396	2.827	0.003	3.264	27.740	1 450
logCu	17.205	4.992	0.380	0.511	0 319	7.349	0.000	0.244	0.685	0.767	0 726	0.082
logFe	0.148	4.302	0.079	2 843	0.370	3.395	7.231	0.440	5 753	9.158	0.917	46 862
logLa	1 349	12.454	0.831	5.979	1 960	5.395	2.449	1.110	1.301	0.066	0.124	0.003
logMg	0 265	0.407	5 810	9.210	4.374	2.611	24.175	12.148	4.412	0 378	8 712	4 002
logMn	24.890	0.619	0.018	1 818	0.101	4.206	0.939	4.678	8 831	10.197	1.211	0 053
logMo	4.728	9 022	10.328	2.908	0.342	0 167	0.224	0.179	1 745	0.248	0.014	0.326
logNa	0.137	0 860	16.972	6.123	8.957	1.387	0.606	2.273	4 982	0.054	0.065	1.886
logNi	4 605	10.187	4.248	1 987	0.264	0 762	0.014	0.002	1 771	1 913	35.559	0.266
logP	0.273	11.292	0.529	0.163	3.406	0.060	0.510	0.323	0 964	0 784	0 151	1.065
logPb	3.972	0.245	2.077	14.277	1.492	0.152	22.302	0 156	0 270	0.306	0.067	1 068
logSr	0.913	6.852	0.363	1 737	6.138	6 491	2.421	4.412	10.646	3.314	0.173	3.193
logTi	0.182	4.224	15.815	4.709	1.873	8 548	1.570	1.026	0.794	0 582	1.671	2.447
logV	0.022	7 152	4.954	0 127	13.605	7.710	1.148	6.634	1.177	4.350	10 304	22.266
logY	0.208	2 469	0.324	9 382	3.463	25.547	2.215	12.288	4.776	0.226	0 004	0 153
logZn	1.839	0 205	20.464	16 243	17.358	1 190	6.372	0 009	8.902	6.982	0 284	2 782

7.5.6 Results and discussion of geochemistry

The pertinent maps of the soil geochemical survey as discussed below are located in Appendix V . The bin thresholds in all presentations are based on percentiles and not absolute response thresholds. Where the distributions are not heavily left censored the dot plot bin thresholds are statistically classified against one standard deviation, symbol size increases with deviation rank. The factor responses for each station were contoured and are plotted in linear color schemes from blue (low) to red (high).

The three factors most dominated by gold are F8 (39.4%), F4 (20.7%), and F9 (12.0%). Au, Ag, Pb, Mo, Sr, As, and Cu contribute 89.9% of factor F8. This elemental association could be indicative of polymetallic vein-hosted mineralization. Factor F8, similar to F4 and F9, shows a strong response in the central area of Grid 3, constrained between linear features defined by the Total Field Magnetic survey (Appendix V Figure 1). High factor scores are also spatially coincident with the trenching on Grid 1. Factor F4 shows a strong response from Cd, Au, and Na (total 75.1%) and lesser Mo, Pb, Ba, and Ti. Cu and Fe are not significant in this factor. Factor F4 scores are oriented along sampling lines (Appendix V Figure 2). High scores and low scores are constrained to, and nearly homogenous along each line. Such a response is indicative of sampler-specific contamination. This factor is dominated by Cd over Au as is apparent when considering each station individually. Therefore, the while this factor is likely a function of sample or lab contamination, the Au data collected from these lines are considered to be uncompromised and will be used in other factor analysis. Factor F9 is dominated by P, Sr, Au and lesser Mo, Pb, and Cu.

Factors dominated by copper are F11 (23.3%), F13 (17.2%), and F6 (12.7%). Factor F11 is dominated by La, Cu (46.8%) and lesser As, Ag, and Mo. Gold (3.3%) and Fe (0.44%) are not significant. Factor F13 shows a significant response from Mn and Cu (42.1%) and lesser Co, As, and Ba. Silver, iron, and copper are insignificant. Factor F6 shows a balanced response from Y, Cu, Ti, Na, Pb, Ba, Au, and La, but a very low response to Fe and Ag. This suite may map an oxidized (malachite/azurite) copper-igneous hostrock association in the absence of sulfide or magnetite. Elevated copper (±Au±Ag) in the absence of Fe (with elevated lithophile elements Ti, Ca, Na, P, Al) may be mapping oxidized copper products such as malachite and azurite. Factor F6 correlates most accurately with the copper mineralization trenches located in southwestern corner of Grid 1 (Appendix V Figure 3). This factor shows an isolated high factor score at the north end of line 2100 and south end of line 2400. A third high factor score occurs near the middle of lines 2400 and 3600. This high may be connected across the middle on line 3000. Factor F6 commonly shows high response between 2800 and 2500 meters above sea level (asl). This can be seen across nearly all lines on Grids 1 and 2. All three F6 anomalies lie in or about this elevation. Such a response is significant in the context of the orientation of the Minto ore bodies. Sub-horizontal sheets of mineralization can be expected to show a geochemical response where the mineralized zone intersects topography, in this case the side of stream incised valleys.

F6 also shows a strong factor score on Grid 3. This constrained to the central survey area between lines 5 to 13, and 2900 and 2600 meters asl. This response is coincident with anomalous copper soil geochemical results and northwest-trending magnetic lineaments.

Factors dominated by iron (Fe) include F24 (46.9%), F1 (13.8%), and F22 (9.2%). Factor F24 shows a profound response to Fe (46.7%), V (22.3%) and lesser Ca (11.179%). This association may be mapping intensely magnetite- or biotite-altered intrusive lithologies; however, Cu, Ag, and Au are all less than 0.09%. A pronounced high factor score to the F24 parallels the east side of a ridge along lines 100 and 200 that extend northeast from the airstrip at the Minto mine site (Appendix V Figure 4). This response could be a function of activity at the mine, or a response to the magnetite association with copper mineralization in the Minto ore bodies. The factor score is not a function of elevated Fe soil geochemistry, but rather depressed geochemical response from other analyzed elements. The F1 factor shows a high score spatially associated the trenching on Grid 1 (Appendix V Figure 5). Similar to silver, the highest scores are inferred to be up slope and down dip of mineralization exposed in the trenches. Fe, Al, V, Co, Mg, Zn, and Ti are significant and balanced in factor F1. This factor may also be mapping magnetite-bearing intrusive lithologies. Factor F22 shows an very strong response to Al (47.3%), and lesser Mn and Fe. Cu, Au, Ag are less than 1%.

Factors dominated by silver include F5 (36.3%), F8 (21.9%), and F11 (10.0%). Silver (36.3%) dominates factor F5 with lesser Ba, La, Ni, Sr, and Ca. Cu and Au are less than 4%. Using the mineralized trenches in the southwestern corner of Grid 1 as a baseline from which to determine a proxy to mineralization in soils, factor F5 best shows a response to anomalous silver. There is a strong and high spatially coincident response in Grid 1 over the trenches on line 000 and 100 but not line 200 located down slope from the trenches (Appendix V Figure 6). The F5 factor is located up slope and down dip of mineralization exposed in the trench. A second high factor score is located on line 3600 but an interpretation based on topography or element association is not apparent.

The anomalous silver geochemistry on Grid 3 is generally associated with elevated copper values with the exception of samples L400S7 and L400S12 which are located up slope from the copper anomalies. Soil samples anomalous in silver are also coincident with crosscutting magnetic features (Appendix V Figure 6). These features are interpreted to be late steeply dipping structures that may be focusing waters from depth which have interacted with a mineralized body. Such a geochemical response would not be expected to follow topography. Factor F8 is discussed above and is the most critical Au+Ag association totaling 61.3% of the F8 factor. Factor F11 is dominated by La and Cu, but Ag is the 4th strongest response (10.0%). Arsenic is also curiously strong (10.9%). Elevated Y and Ti may support an igneous host rock association.

7.6 Discussion of geological and geochemical results

The SFN R6A lands lie within the Carmacks Copper Belt of the west-central Yukon. The rocks underlying the SFN lands appear to be the same intermediate to felsic intrusive and meta-intrusive rocks which host the Minto Copper deposit. Although the mapping program from this past fall documented other rock types, they all fall within the broad description of the three main Minto rock types (megacrystic potassium feldspar granodiorite, quartzo-feldspathich gneiss and biotite gneiss). The quartzo-feldspathic gneiss was not identified but then there were less than 10 outcrops documented during the mapping and prospecting program.

Tracing mineralization underlying the SFN Lands will have to rely on geophysics and geochemistry. There is significant overburden cover in this area, and as such the target area likeness to a recognized geological model will have to be the initiator in looking at these areas. The documentation of rocks which are similar to those hosting mineralization at the Minto mine is a critical part but one also needs to recognize alteration effects of the mineralizing event, such characteristics which will likely be better outlined by geophysics.

Pegmatite veins occur in some of the documented outcrops and these features do create a significant magnetic change from the granodiorites or the biotite gneisses. As identified from the magnetic surveys, it is likely some of the magnetic lows can be attributed to some of these pegmatites.

There have been old trenches documented on the R6A Lands which contain float of biotite-rich gneiss and malachite and azurite alteration. These are mineralized host rocks of the Minto Mine.

Mineralization at the Minto Mine includes copper, gold, and silver spatially associated with magnetite. PCA factors in which the elements Cu, Au, Ag, and Fe show a significant association and response include F8 (Au>Ag), F5 (Au>Ag), F11 (Cu>Ag>Au), F24 (Fe), F13 (Cu>Ag) (Figure 10 and 11), and F18 (Cu>Fe>Ag). Factor F13 best approximates the spatial Cu, Ag, and Au sample geochemistry. There is a high factor score associated with the trenching on Grid 1 and the central area of Grid 3. The gridded data also shows a weak correlation with the 2900 to 2500 meter asl interval. It remains important to consider this grid data in the context of individual sample station geochemistry. For example, factor F6 correlates with the geochemical copper response over the trenching more precisely than F13.

Factor F1 factor scores are spatially coincident with Cu (moderate), Au (weak), Ag (moderate), and Fe (very strong) geochemical analyses and can be used as a first-order guide to Cu±Au±Ag mineralization (Figure 12 and 13). This factor well outlines the copper mineralization in trenches on Grid 1, and defines a northwest-trending anomaly which transects Grid 3 coincident with the Total Field magnetic interpretation. However, it does not show more subtle Cu anomalies as shown in factor F6.

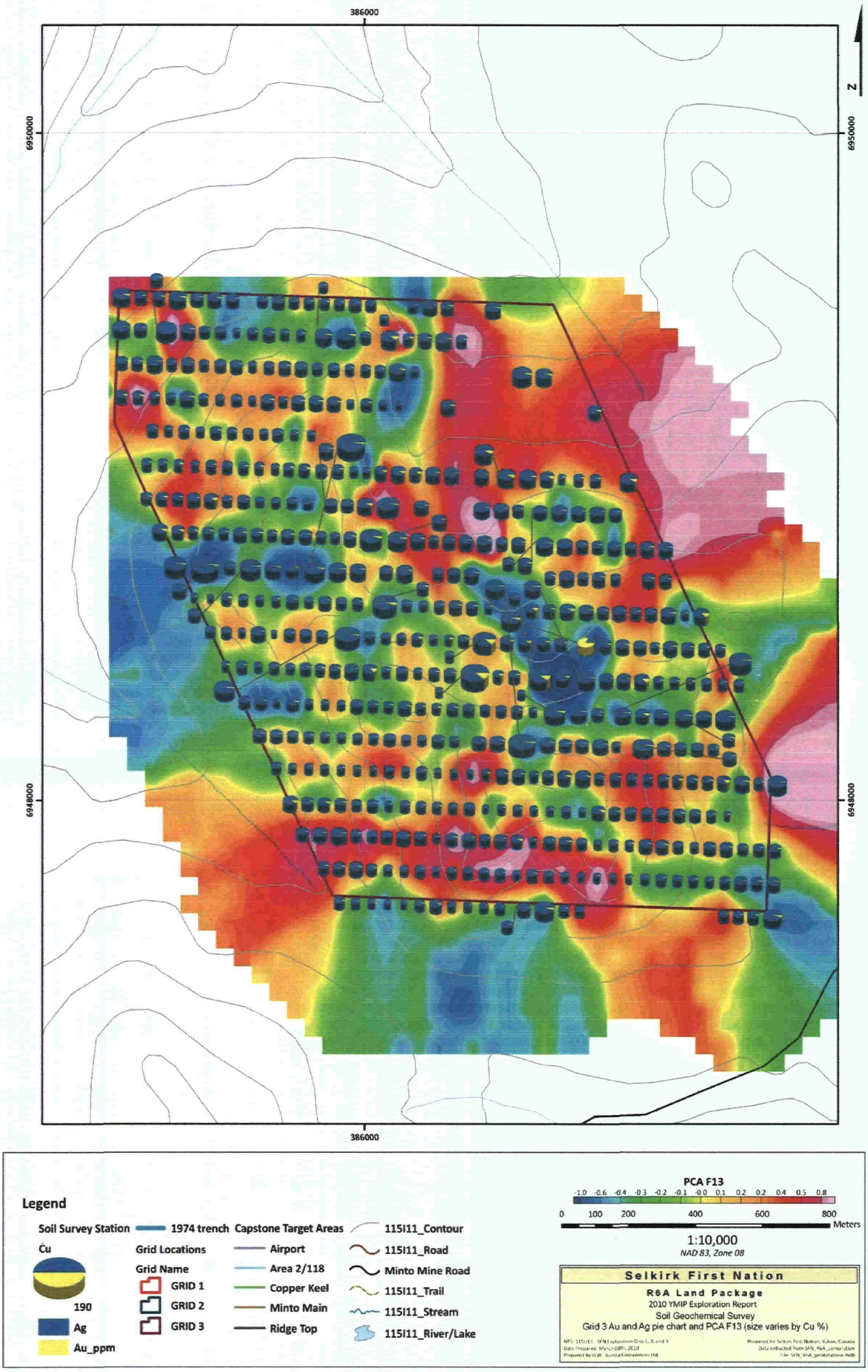


Figure 10. Grid 3 Cu+Au+Ag pie charts and gridded factor F13

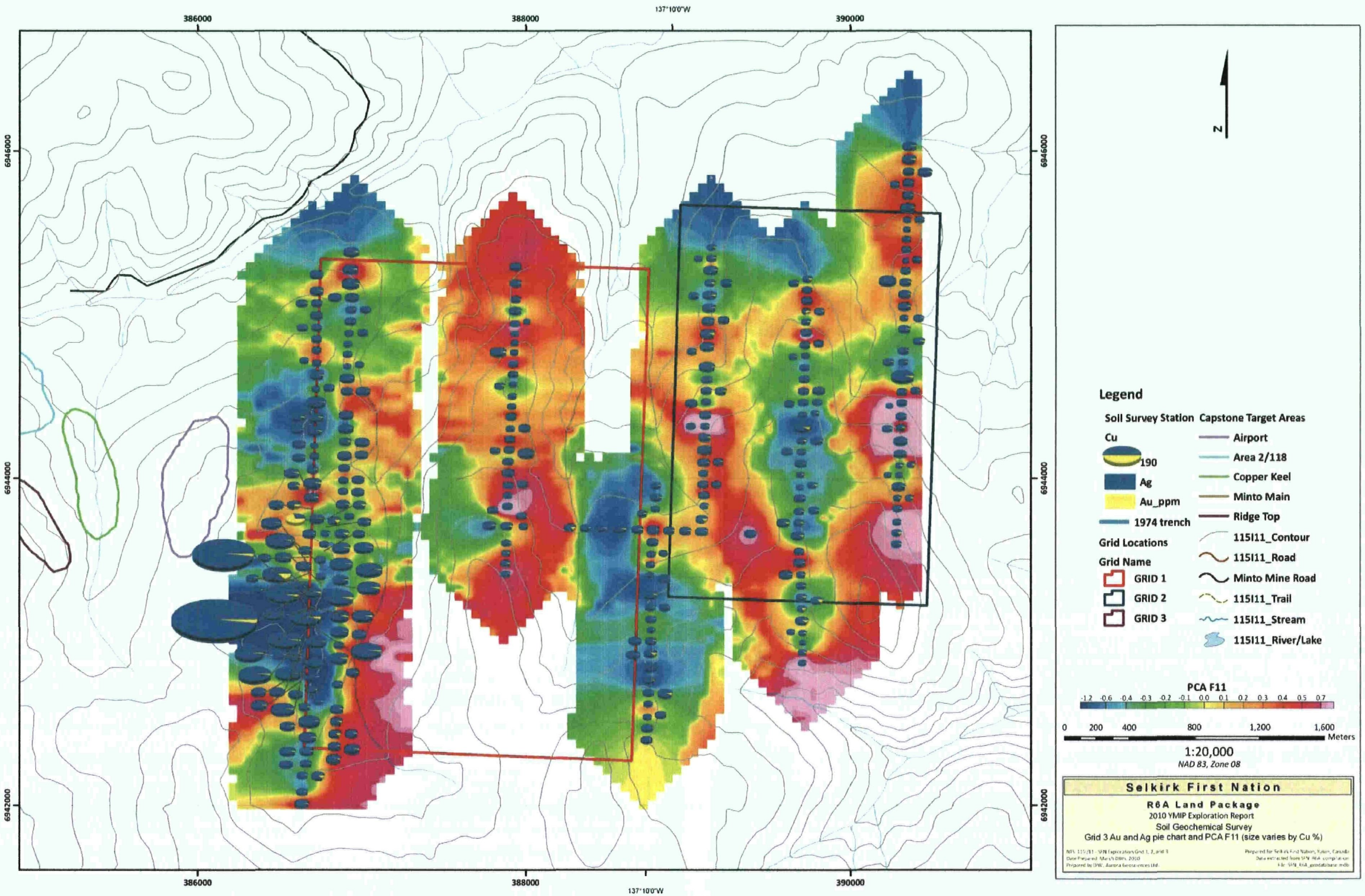


Figure 11.Grid 1 and 2 Cu+Au+Ag pie charts and gridded factor F13

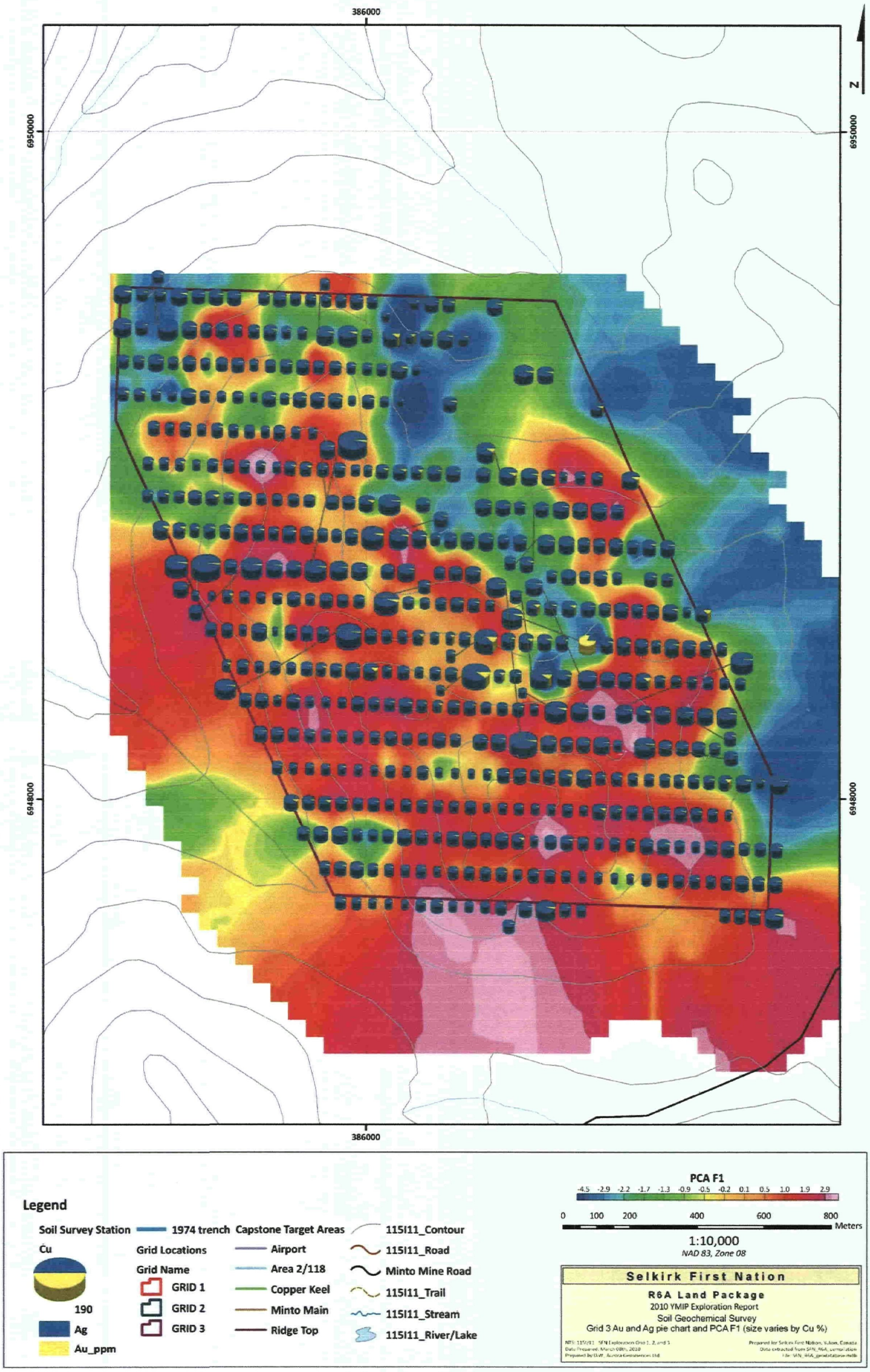


Figure 12. Grid 3 Cu+Au+Ag pie charts and gridded factor F1

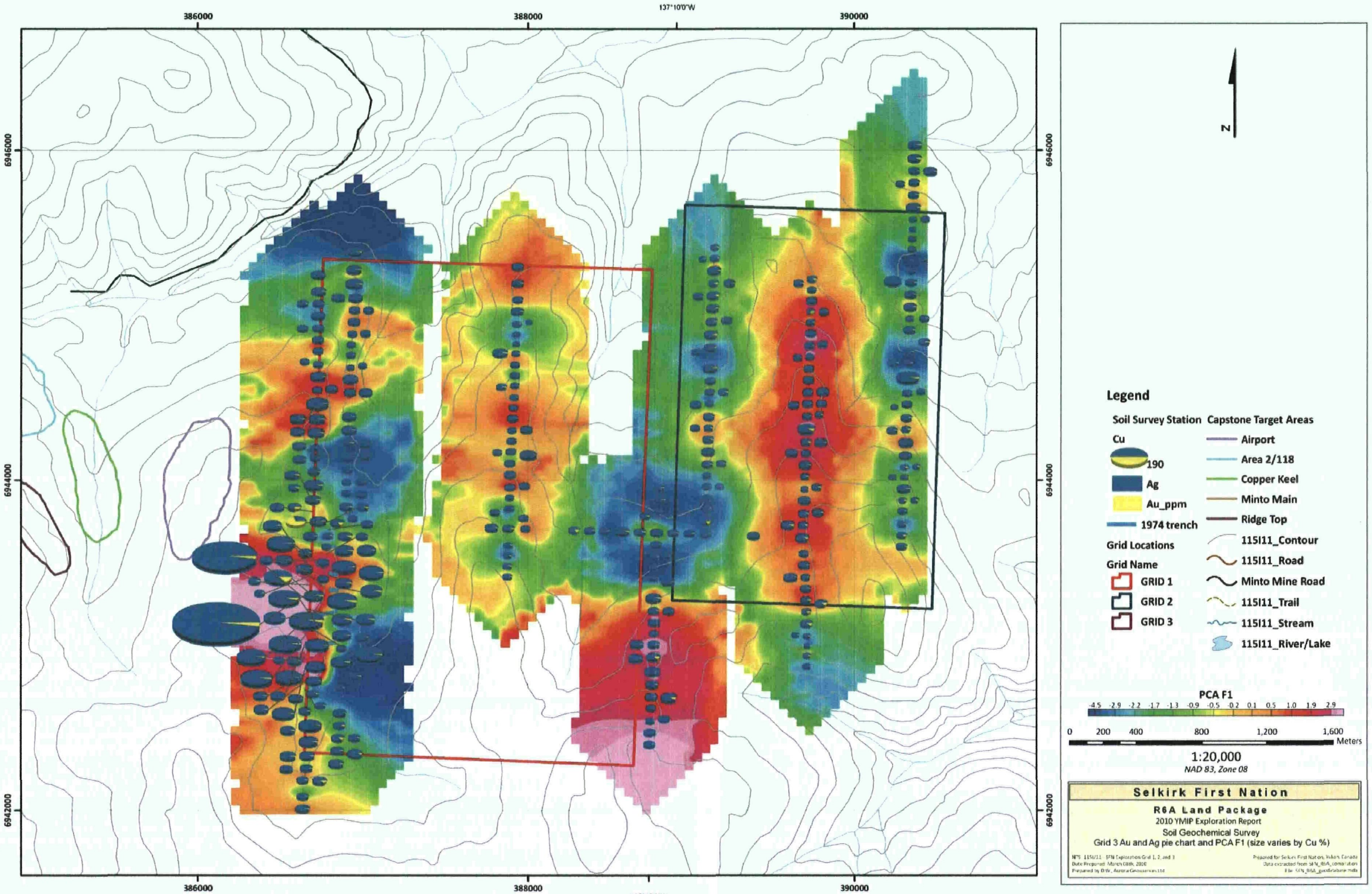


Figure 13. Grid 1 and 2 Cu+Au+Ag pie charts and gridded factor F1

8.0 Conclusions and recommendations

The Selkirk First Nations contracted Aurora Geosciences Ltd of Whitehorse, YT, to complete a geological and geophysical training program upon their R6A Lands surrounding the Minto Mine Site. This program had two primary intentions. The first was to start their own exploration program on ground surrounding the Minto Mine in an attempt to evaluate the potential of locating other Cu systems similar to the one hosted at Minto. The second intention was to train First Nations people in the art of exploration services, like camp building, cooking, linecutting, gridding, geophysical surveying, prospecting and soil sampling. The Selkirk First Nations understood this program would allow them the opportunity to be involved in all phases of exploration on their land but would also provide opportunities to any of the First Nations individuals to find work elsewhere.

This program was successful in many aspects, but the primary one was the documentation of a conceptual geological model existing on the R6A Lands much like Minto Mine. The R6A Lands overlie intermediate to felsic intrusive and meta-intrusive rocks which are equivalent to the rocks which host the Minto Mine. Although there is very little outcrop, the outcrops which do occur are all associated with the suite of rocks at Minto.

The Induced Polarization survey, although very brief, was oriented to test an area which overlies some old trenches and some old drill holes. Although this survey only covered 18.95 km, the placement of the lines allowed a cursory look at the geology and structure associated with some old showings. In particular, L0, 100 and 200E all show strong coincident resistivity and chargeability highs between 400 N and 800 N. These should be considered priority targets. Line 1200N should be continued south to 0N and an infill line is required at 500 E to follow up on the chargeable anomaly identified on lines 100E and 200E. If this anomaly continues to dip to the east, a deeper penetrating survey geometry should be utilized. Continuing line 3600E to the north is also recommended to follow up on geochemical Ag and Cu anomalies identified in the soil survey. IP test lines are also recommended over the central area of Grid 3 to test for sulphide mineralization associated with the coincident magnetic response and Cu+Ag+Au geochemical anomalies.

The Total Field magnetic survey completed is reflective of granitoid complexes with numerous and variable magnetic responses. The variability in the magnetic features suggests facies changes in the granitoids and/or alteration and structure within the granitoids. Structure is not a significant feature at Minto as the faults are considered to be post-mineralization. As such, these structures should not be considered a priority target here. Numerous northeast-trending magnetic lows (structure, alteration, or pegmatites) exist within the R6A Lands.

The geochemical soil survey is a useful tool in identifying prospective Cu±Au±Ag mineralized targets on Grids 1, 2, and 3. Station geochemistry and PCA data support open anomalies are present at the north end of line 000, 3100, and 3600. The soil survey should be expanded over Grids 1 and 2 to cover the elevations 2900 to 2500 meters asl and complete the grid at 200 meter line spacing. Infill sampling and an expanded grid (100 or 50 meters line spacing) should be completed over anomalous PCA factor F13 areas. Factor F13 targets include the north end of lines 100E and 200E as well as lines 2400E, 3000E, and 3600E.

Respectfully submitted,
AURORA GEOSCIENCES LTD.

Gary Vivian, P.Geo.
Geologist

David White, P.Geo
Geologist

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Appendix I

Statement of Qualifications
Statement of Expenditures

STATEMENT OF QUALIFICATIONS

I, Gary Vivian, of the City of Yellowknife, in the Northwest Territories, Canada,

HEREBY CERTIFY:

1. That my address is 3506 McDonald Drive, Yellowknife, NT, X1A 2H1
2. That I am a graduate of Sir Sandford Fleming College as a Geophysical Technologist, 1976.
3. That I am a graduate of the University of Alberta in Geology:
   a. B.Sc. – Specialization Geology, 1983.
   b. M.Sc. – Geology, 1987, U of A – The Geology of Blackdome Ag-Au Deposit, BC
4. That I have been practicing Geology since 1983:
   a) May 1983 – November 1986 Noranda Expl Co Ltd, Bathurst, NB
   b) December 19886 – May 1988 Noranda Expl Co Ltd, Timmins, ON
   c) May 1988 – Present Covello, Bryan and Associates Ltd and currently Aurora Geosciences, Yellowknife, NT
5. That I am a registered Professional Geologist in the Northwest Territories. I have over 25 years experience in gold exploration (geophysics, geology and program management). As such I am a qualified person for the purposes of this report.

6 I am not aware of any material fact or material change with respect to technical aspects of the report which is not reflected in the report.

Dated this **10th** day of **March, 2010** at Yellowknife, NT.

Gary Vivian

Gary Vivian, M.Sc., P.Geol.

I, David White, of the City of Yellowknife, in the Northwest Territories, Canada,

HEREBY CERTIFY:

1. That my address is 3506 McDonald Drive, Yellowknife, N.W.T. X1A 2H1.

2. That I am a graduate of the University of Manitoba
   a) B.Arts – Physical Geology and Geology, 1999

3. That I am a graduate of the University of Alberta:
   a) B.Sc. – Specialization Geology, 2003, U of A

4. That I have been practicing Geology since 2003

May, 2003 - September 2003 Yellowknife, NWT, Geologist	RWED
September 2003 - October 2004 Yellowknife, NWT, Geologist	DIAND
October 2004 – November 2004	Northern Dynasty Minerals Ltd. Vancouver, British Columbia, Geologist
November 2004 to present	Aurora Geosciences Ltd. Yellowknife, NWT Geologist

5. That I visited the property for one day on August 20th, 2009.
6. That I am a registered Professional Geologist in the Northwest Territories. As such I am a qualified person for the purposes of this report.
7. That I am not aware of any material fact or material change with respect to technical aspects of the report which is not reflected in the report, and that all required scientific and technical information has been disclosed in order to make the technical report not misleading.

Dated this 10th day of March, 2010 at Yellowknife, N.W.T.

David White P.Geol.

Project Expenditures

Item		Budget
Total Magnetic Field geophysicist - work rate		
TMF geophysicist - standby rate		
TMF helper - work rate		
TMF helper - standby rate		
	Subtotal (labour)	$12,300.00
TMF equipment - work rate		
TMF equipment - standby rate		
TMF job prep, reports		
	Subtotal (other)	$7,940.00
Line cutter instructor - work		
Safety Trainer		
Line cutter instructor - standby		
Line cutter trainer - work		
Line cutter trainer - standby		
Trainee (line cutting) - work		
Safety Trainee		
Trainee (line cutting) - standby		
	Subtotal (labour)	$57,402.38
Line cutting equipment		
Line cutting job prep		
	Subtotal (other)	$6,837.94
Junior geophysicist - work		
Junior geophysicist - standby		
Geophysics trainer - work		
Geophysics trainer - standby		
Trainee (Geophysics) - work		
Trainee (Geophysics) - standby		
	Subtotal (labour)	$43,002.50
Geophysical equipment - work		
Geophysical equipment - standby		
Geophysical report, job prep		
	Subtotal (other)	$14,874 00
Driller trainer		
Driller trainee		
	Subtotal (labour)	$0.00
Soil sampling trainer - work		
Soil sampling trainer - standby		
Trainee (Soil sampling) - work		
Trainee (Soil sampling) - standby		
	Subtotal (labour)	$23,360.00
Sample geochemical analysis		
	Subtotal (other)	$19,237 12
Senior Geology trainer - work		

Junior Geology trainer - work		
Junior geology trainer - standby		
Trainee (Geology) - work		
Trainee (Geology) - standby		
	Subtotal (labour)	$38,132.50
Geology job prep, reports		
Geology equipment		
	Subtotal (other)	$14,751.50
Camp construction trainers - work		
Camp construction trainers - standby		
Trainee (camp construction) - work		
Trainee (camp construction) - standby		
	Subtotal (labour)	$19,080.00
Camp construction tools		
Camp construction job prep		
Camp equipment		
	Subtotal (other)	$7,052.79
Cook - work		
Cook - standby		
Helper - work		
Helper - standby		
	Subtotal (labour)	$30,465.00
Camp expenses (consumables, food)		
	Subtotal (other)	$9,312.28
Project management / professional services	Subtotal	$5,692.50
Expediting with truck		$2,785.00
Warehouse time		$1,991.25
Truck rental		$20,970.64
ATV rental		$13,750.00
Small trailer		$2,750.00
Large trailer		$640.00
Administration charges		$4,316.37
Total (Does not include GST)		**$356,643.77**

I certify that this statement of expenditures is true and correct to the best of my knowledge.

Gary Vivian

Gary Vivian/P.Geo
Geologist
Aurora Geosciences Ltd.

YMIP 09-47

REPORT:

Geological and geophysical investigations of R6A, Selkirk First Nations lands; a summary of mapping, prospecting, soil sampling, Induced Polarization, and total magnetic field ground surveys, 2009

SELKIRK DEVELOPMENT CORPORATION
P.O. Box 40
Pelly Crossing, Yukon, Y0B 1P0
Office: 867.393.2181

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife, NT
X1A 2H1
Tel: 867.920.2729 Fax: 867.920.2739
Web: www. aurorageosciences.com

Effective date: March 24, 2010

Authors

Gary Vivian, P Geo
David White, P Geo

YMIP application: 09-47

The attached report satisfies the requirement for a Technical Report as outlined in the YMIP Final Submission Form documentation. The goals of this program were to assess the potential of Minto-style mineralization on SFN lands adjacent the active Minto mine. Proposed work included line cutting on a predetermined grid, soil sampling, ground magnetic and Induced Polarization (IP) surveys, mapping and prospecting in association with the support of the YMTA to provide comprehensive mineral exploration program training for the Selkirk First Nations people involved. Work completed during the 2009 exploration program included training in the above exploration techniques as well as camp building and maintenance.

The results of the 2009 exploration program are summarized in the report titled *Geological and geophysical investigations of R6A, Selkirk First Nations lands; a summary of mapping, prospecting, soil sampling, Induced Polarization, and total magnetic field ground surveys, 2009* and discussed in the context of exploration conducted on target areas outlined in YMIP applications 09-47 and 09-48.

Exploration as outlined in YMIP proposal 09-47 was completed on the Grids 1 and 2 as outlined in the report. A total of 100 line kilometers of total field magnetic surveying was completed and 18.95 line kilometers of line cutting and IP. A total of 351 soil samples were collected and submitted for geochemical analysis. Mapping and prospecting was conducted over this grid including re-sampling of mineralization trenching in the mid 1970's.

A single base camp was erected and maintained at kilometer 19.5 of the Minto mine road and facilitated field work on both 09-47 and 09-48 target areas.

YMIP 09-47 Statement of Expenditures:

Item		YMIP 09-47
Total Magnetic Field geophysicist - work rate		
TMF geophysicist - standby rate		
TMF helper - work rate		
TMF helper - standy rate		
	Subtotal (labour)	$9,430.00
TMF equipement - work rate		
TMF equipement - standyby rate		
TMF job prep, reports		
	Subtotal (other)	$6,087.33
Line cutter instructor - work		
Safety Trainer		
Line cutter instructor - standby		
Line cutter trainer - work		
Line cutter trainer - standby		
Trainee (line cutting) - work		
Safety Trainee		
Trainee (line cutting) - standby		
	Subtotal (labour)	$8,132.38
Line cutting equipment		
Line cutting job prep		
	Subtotal (other)	$6,837.94
Junior geophysicist - work		
Junior geophysicist - standby		
Geophysics trainer - work		
Geophysics trainer - standby		
Trainee (Geophysics) - work		
Trainee (Geophysics) - standby		
	Subtotal (labour)	$0.00
Geophysical equipment - work		
Geophysical equipment - standby		
Geophysical report, job prep		
	Subtotal (other)	$14,874.00
Driller trainer		
Driller trainee		
	Subtotal (labour)	$0.00
Soil sampling trainer - work		
Soil sampling trainer - standby		
Trainee (Soil sampling) - work		
Trainee (Soil sampling) - standby		
	Subtotal (labour)	$2,011.39
Sample geochemical analysis		
	Subtotal (other)	$7,213 92
Senior Geology trainer - work		

Junior Geology trainer - work		
Junior geology trainer - standby		
Trainee (Geology) - work		
Trainee (Geology) - standby		
	Subtotal (labour)	$8,805.87
Geology job prep, reports		
Geology equipment		
	Subtotal (other)	$12,678.98
Camp construction trainers - work		
Camp construction trainers - standby		
Trainee (camp contruction) - work		
Trainee (camp construction) - standby		
	Subtotal (labour)	$14,310.00
Camp construction tools		
Camp construction job prep		
Camp equipment		
	Subtotal (other)	$0.00
Cook - work		
Cook - standby		
Helper - work		
Helper - standy		
	Subtotal (labour)	$0.00
Camp expenses (consumables, food)		
	Subtotal (other)	$0.00
Project management / professional services	Subtotal	$4,326.30
Expediting with truck		$2,116.60
Warehourse time		$1,513.35
Truck rental		$10,200.12
ATV rental		$4,712.43
Small trailer		$2,090.00
Large trailer		$486.40
Administration charges		$3,280.44
Total (Does not include GST)		**$119,107.45**

I certify that this statement of expenditures is true and correct to the best of my knowledge.

David White, P.Geo
Geologist
Aurora Geosciences Ltd.

YMIP 09-48

REPORT:
Geological and geophysical investigations of R6A, Selkirk First Nations lands; a summary of mapping, prospecting, soil sampling, Induced Polarization, and total magnetic field ground surveys, 2009

SELKIRK DEVELOPMENT CORPORATION
P.O. Box 40
Pelly Crossing, Yukon, Y0B 1P0
Office: 867.393.2181

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife, NT
X1A 2H1
Tel: 867.920.2729 Fax: 867.920.2739
Web: www. aurorageosciences.com

Effective date: March 24, 2010

Authors

Gary Vivian, P.Geo
David White, P.Geo

YMIP application: 09-48

The attached report satisfies the requirement for a Technical Report as outlined in the YMIP Final Submission Form documentation. The goals of this program were to assess the potential of Minto-style mineralization on SFN lands adjacent the active Minto mine. Proposed work included soil sampling, geologic mapping and prospecting in association with the support of the YMTA to provide comprehensive mineral exploration program training for the Selkirk First Nations people involved. Work completed during the 2009 exploration program included training in the above exploration techniques as well as camp building and maintenance.

The results of the 2009 exploration program are summarized in the report titled *Geological and geophysical investigations of R6A, Selkirk First Nations lands; a summary of mapping, prospecting, soil sampling, Induced Polarization, and total magnetic field ground surveys, 2009* and discussed in the context of exploration conducted on target areas outlined in YMIP applications 09-47 and 09-48.

Exploration under YMIP 09-48 was targeted at Grid 3 as documented in the report. Soil sampling as outlined in the YMIP proposal was competed, mapping and prospecting was not due to seasonal constraints. A total 501 soil samples were collected and submitted for geochemical analysis. A total of 37 line kilometers of total field magnetic surveying was completed earlier in the season and has proved to be a useful exploration tool in predicting structure coincident with anomalous soil geochemistry; perhaps more so that mapping and prospecting due to minimal outcrop/subcrop exposure.

A single base camp was erected and maintained at kilometer 19 of the Minto mine road and facilitated field work on both 09-47 and 09-48 target areas.

YMIP 09-48 Statement of Expenditures:

Item		YMIP 09-48
Total Magnetic Field geophysicist - work rate		
TMF geophysicist - standby rate		
TMF helper - work rate		
TMF helper - standy rate		
	Subtotal (labour)	$2,870.00
TMF equipement - work rate		
TMF equipement - standyby rate		
TMF job prep, reports		
	Subtotal (other)	$1,852.67
Line cutter instructor - work		
Safety Trainer		
Line cutter instructor - standby		
Line cutter trainer - work		
Line cutter trainer - standby		
Trainee (line cutting) - work		
Safety Trainee		
Trainee (line cutting) - standby		
	Subtotal (labour)	$0.00
Line cutting equipment		
Line cutting job prep		
	Subtotal (other)	$0.00
Junior geophysicist - work		
Junior geophysicist - standby		
Geophysics trainer - work		
Geophysics trainer - standby		
Trainee (Geophysics) - work		
Trainee (Geophysics) - standby		
	Subtotal (labour)	$0.00
Geophysical equipment - work		
Geophysical equipment - standby		
Geophysical report, job prep		
	Subtotal (other)	$0.00
Driller trainer		
Driller trainee		
	Subtotal (labour)	$0.00
Soil sampling trainer - work		
Soil sampling trainer - standby		
Trainee (Soil sampling) - work		
Trainee (Soil sampling) - standby		
	Subtotal (labour)	$3,352.31
Sample geochemical analysis		
	Subtotal (other)	$12,023.20
Senior Geology trainer - work		

Junior Geology trainer - work		
Junior geology trainer - standby		
Trainee (Geology) - work		
Trainee (Geology) - standby		
	Subtotal (labour)	$0 00
Geology job prep, reports		
Geology equipment		
	Subtotal (other)	$2,072.52
Camp construction trainers - work		
Camp construction trainers - standby		
Trainee (camp contruction) - work		
Trainee (camp construction) - standby		
	Subtotal (labour)	$4,770.00
Camp construcfion tools		
Camp construction job prep		
Camp equipment		
	Subtotal (other)	$0.00
Cook - work		
Cook - standby		
Helper - work		
Helper - standy		
	Subtotal (labour)	$0.00
Camp expenses (consumables, food)		
	Subtotal (other)	$0 00
Project management / professional services	Subtotal	$1,366.20
Expediting with truck		$668.40
Warehourse time		$477 90
Truck rental		$5,032.95
ATV rental		$3,300 00
Small trailer		$660 00
Large trailer		$153.60
Administration charges		$1,035 93
Totals (Does not include GST)		**$39,635.68**

I certify that this statement of expenditures is true and correct to the best of my knowledge.

David White, P.Geo
Geologist
Aurora Geosciences Ltd.

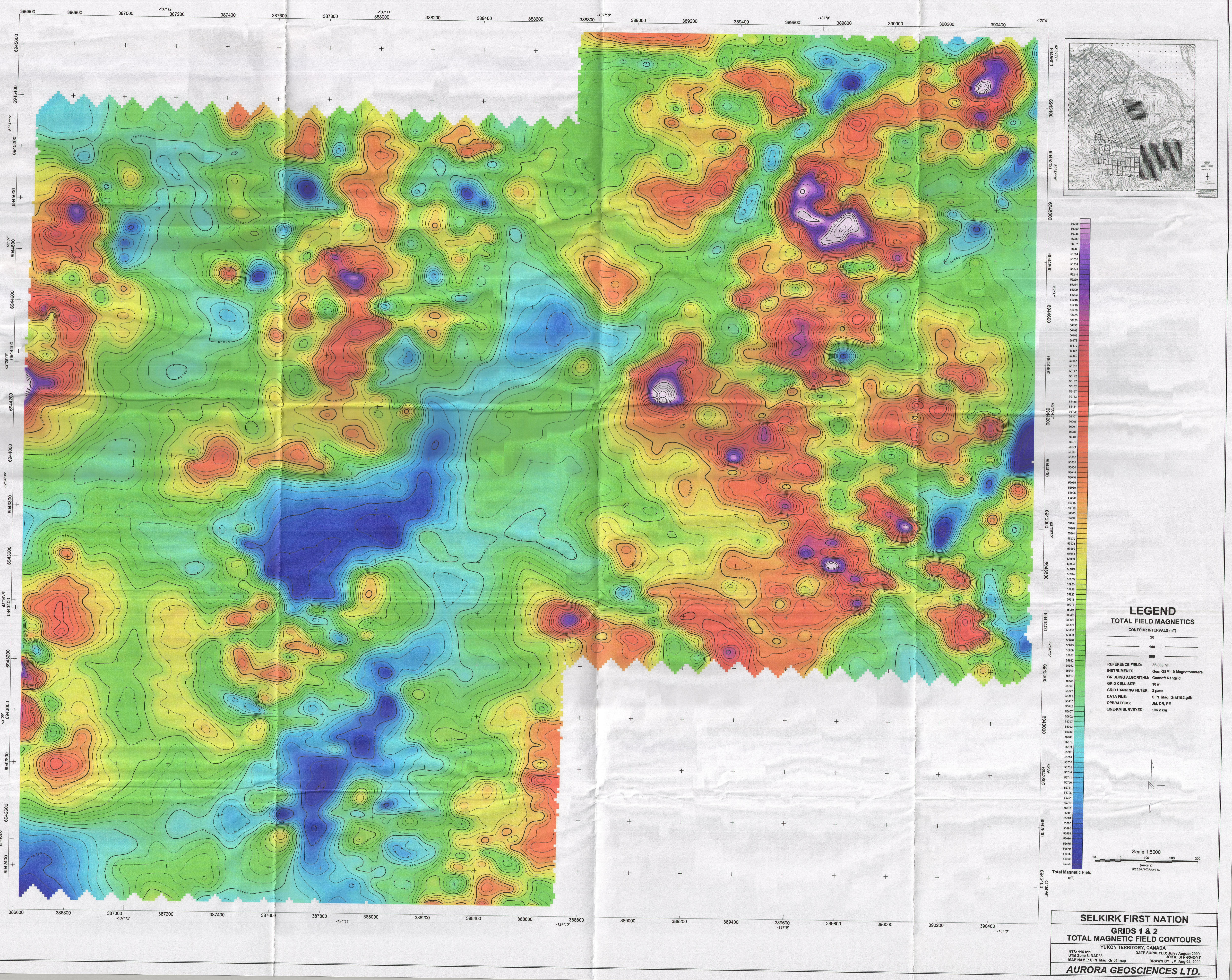
Appendix II

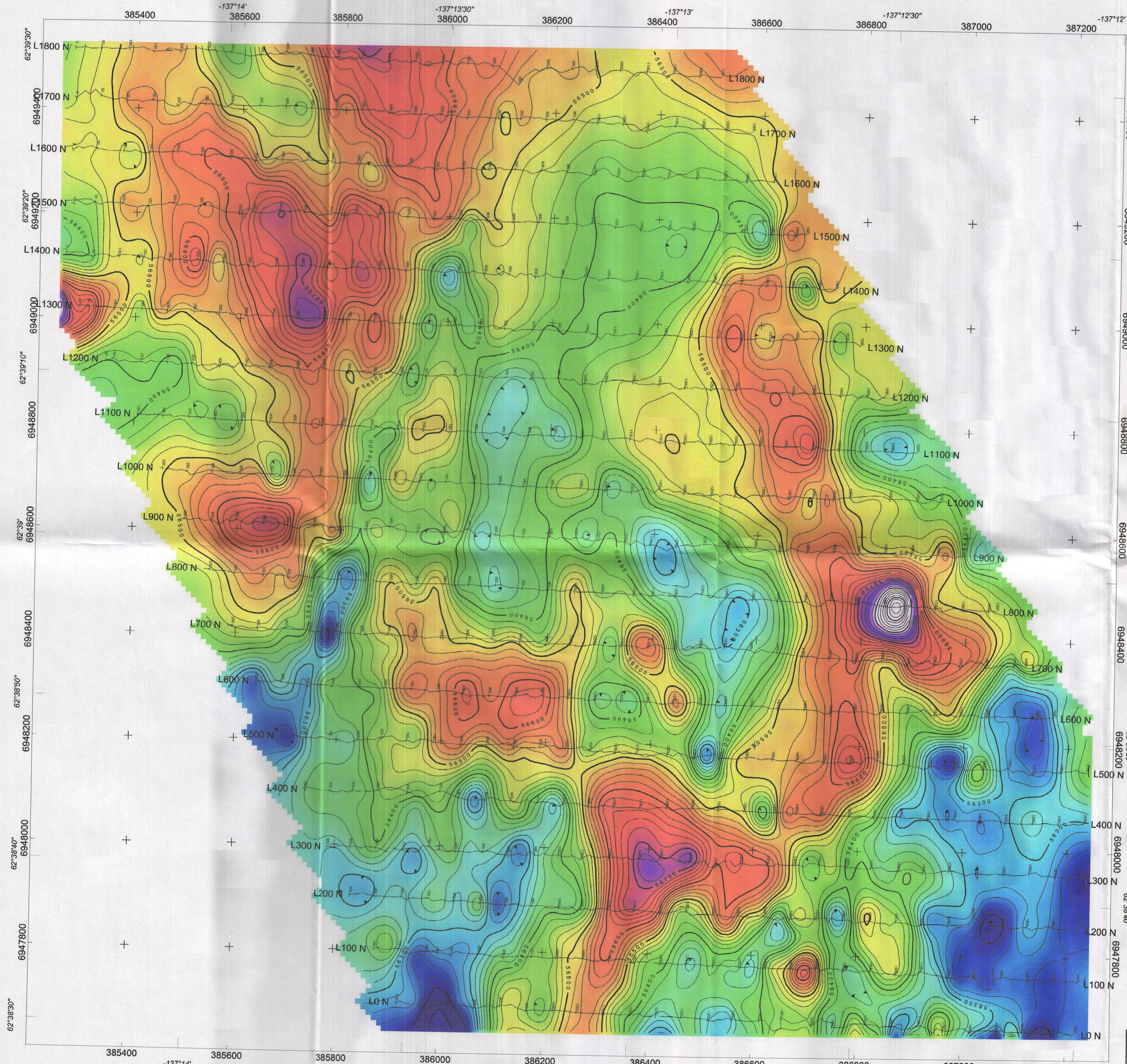
Total Field Magnetic Maps
Induced Polarization Models

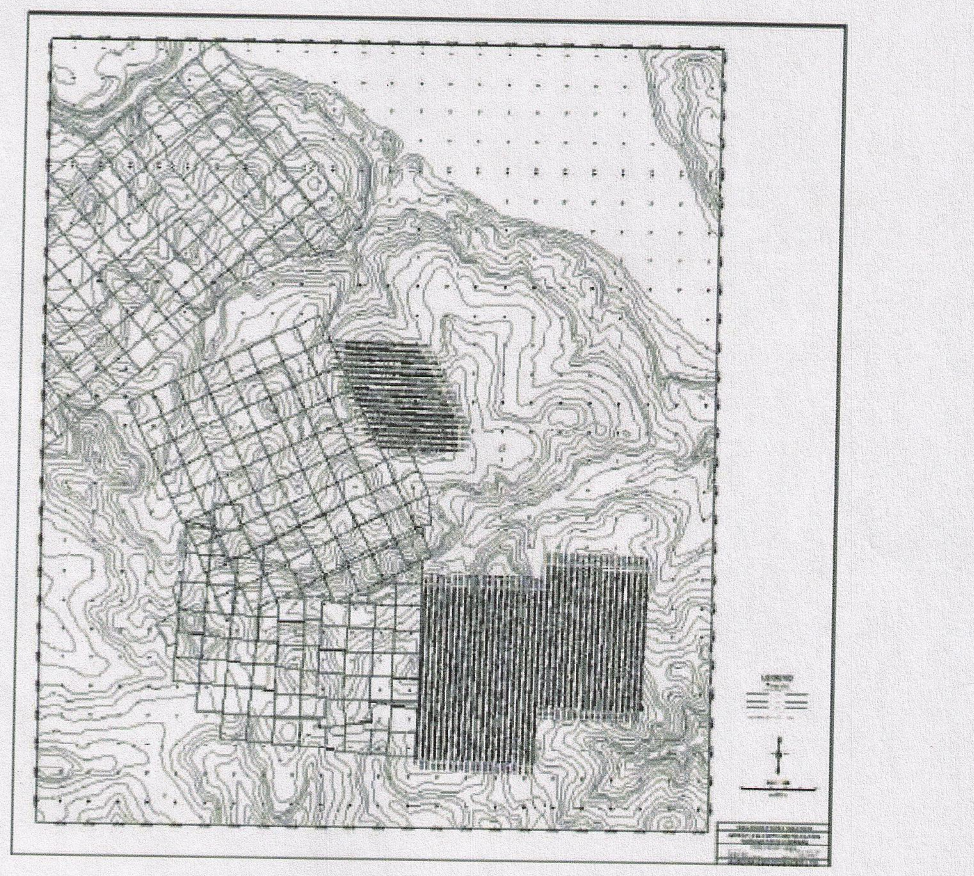
Grids 1 & 2 Total Magnetic Field Contours
Grid 3 Total Magnetic Field Contours

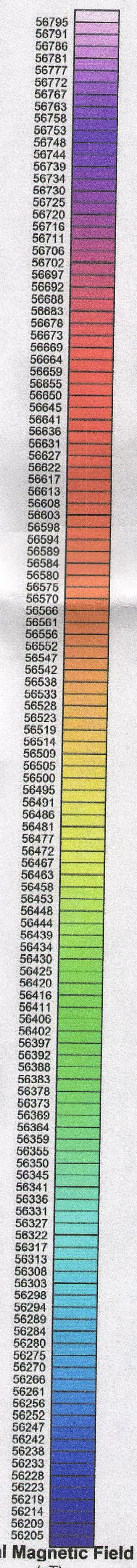
Line 000 Recovered Resistivity and Chargeability
Line 100 Recovered Resistivity and Chargeability
Line 200 Recovered Resistivity and Chargeability
Line 1200 Recovered Resistivity and Chargeability
Line 2400 Recovered Resistivity and Chargeability
Line 3000 Recovered Resistivity and Chargeability
Line 3600 Recovered Resistivity and Chargeability

Stacked Recovered Chargeability
Stacked Recovered Resistivity


LEGEND
TOTAL FIELD MAGNETICS
CONTOUR INTERVALS (nT)
20
100
500
REFERENCE FIELD: 56,000 nT
INSTRUMENTS: Gem GSM-19 Magnetometers
GRIDDING ALGORITHM: Geosoft Rangrid
GRID CELL SIZE: 10 m
GRID HANNING FILTER: 3 pass
DATA FILE: SFN_Mag_Grid1&2.gdb
OPERATORS: JM, DR, PE
LINE-KM SURVEYED: 106.2 km
Total Magnetic Field
(nT)
Scale 1:5000
(meters)
WGS 84 / UTM zone 8N
SELKIRK FIRST NATION
GRIDS 1 & 2
TOTAL MAGNETIC FIELD CONTOURS
YUKON TERRITORY, CANADA
NTS: 115 I/11
UTM Zone 8, NAD83
MAP NAME: SFN_Mag_Grid1.map
DATE SURVEYED: July / August 2009
JOB #: SFN-9542-YT
DRAWN BY: JM, Aug 04, 2009
AURORA GEOSCIENCES LTD.







LEGEND

TOTAL FIELD MAGNETICS

CONTOUR INTERVALS (nT)

20

100

500

REFERENCE FIELD: 56,000 nT
INSTRUMENTS: Gem GSM-19 Magnetometers
GRIDDING ALGORITHM: Geosoft Rangrid
GRID CELL SIZE: 10 m
GRID HANNING FILTER: 3 pass
DATA FILE: SFN_Mag_Grid3.gdb
OPERATORS: JM, DR, PE
LINE-KM SURVEYED: 28.50 km

Scale 1:5000

100 0 100 200 300
(meters)
NAD83 / UTM zone 8N

SELKIRK FIRST NATION

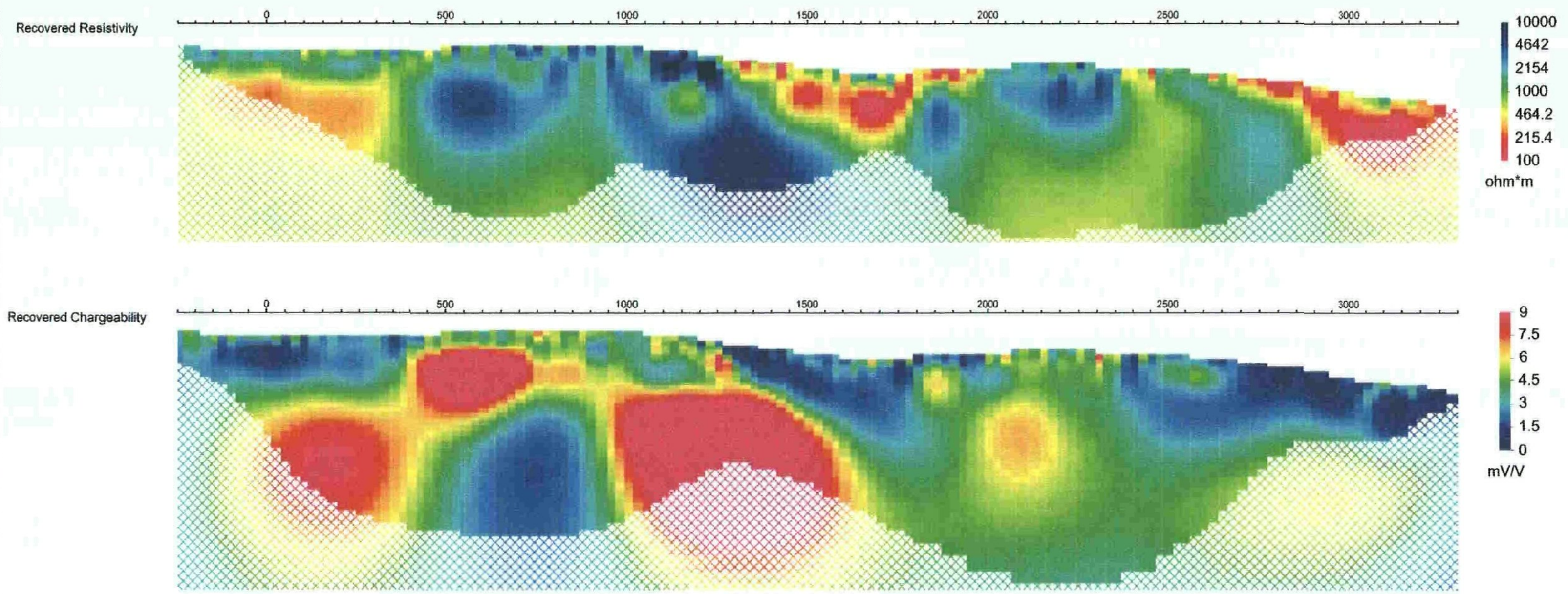
GRID 3
TOTAL MAGNETIC FIELD CONTOURS

YUKON TERRITORY, CANADA

NTS: 115 I/11
UTM Zone 8N, NAD83
MAP NAME: SFN_Mag_Grid3.map

DATE SURVEYED: July / August, 2009
JOB #: SFN-9542-YT
DRAWN BY: JM, August 4, 2009

AURORA GEOSCIENCES LTD.



RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 0

Scale 1:10000

100 0 100 200 300 400 500 600

(meters)

Vertical Exaggeration: 1X

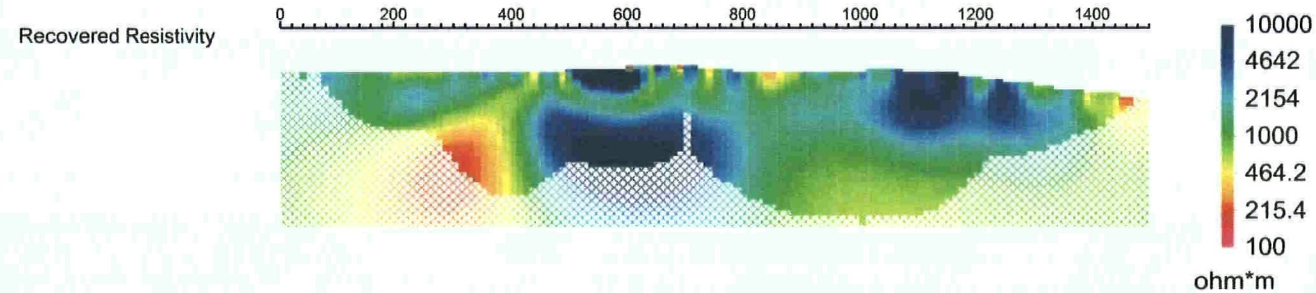
SELKIRK FIRST NATIONS

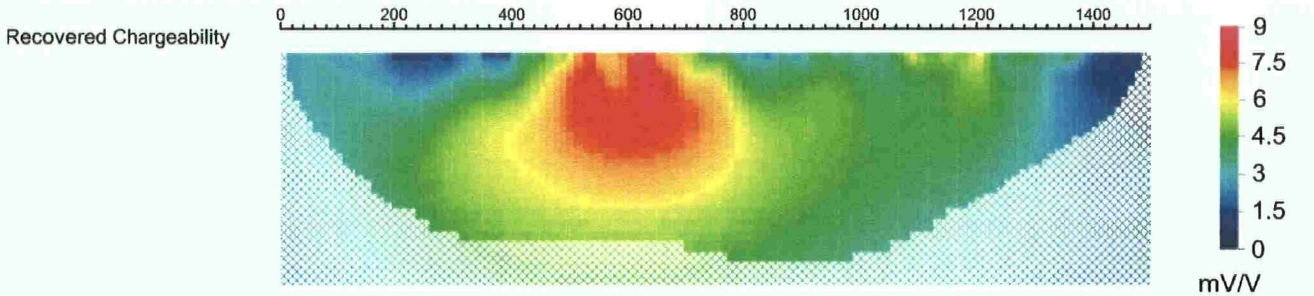
INDUCED POLARIZATION INVERSIONS
LINE 0

LOCATION: Yukon Territory
DATUM: NAD83 zone 8N
DATE: March 5, 2010

GRID: Local
MAP SHEET: 115I11
JOB: SFN-9542-YT

AURORA GEOSCIENCES LTD.





RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 100

Scale 1:10000

100 0 100 200 300 400 500 600

(meters)

Vertical Exaggeration: 1X

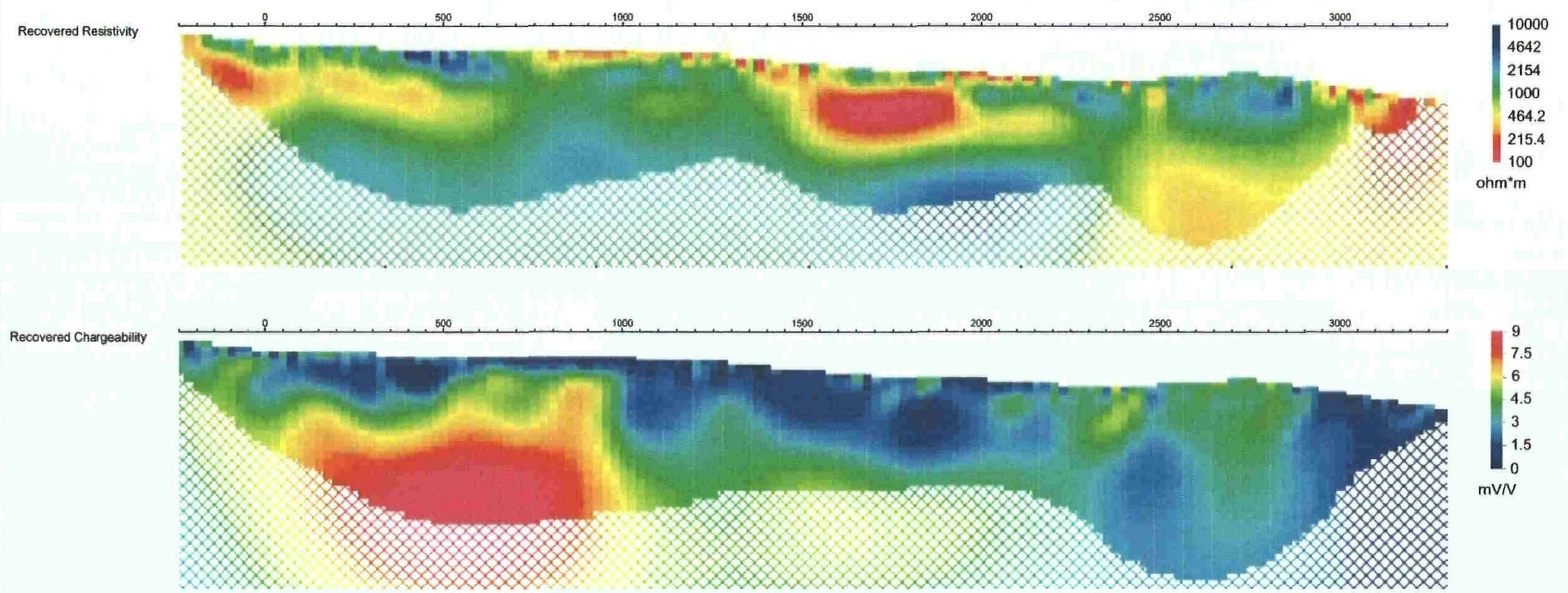
SELKIRK FIRST NATIONS

INDUCED POLARIZATION INVERSIONS
LINE 100

LOCATION: Yukon Territory
DATUM: NAD83 zone 8N
DATE: March 5, 2010

GRID: Local
MAP SHEET: 115I11
JOB: SFN-9542-YT

AURORA GEOSCIENCES LTD.



RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 200

Scale 1:10000

100 0 100 200 300 400 500 600

(meters)

Vertical Exaggeration: 1X

SELKIRK FIRST NATIONS

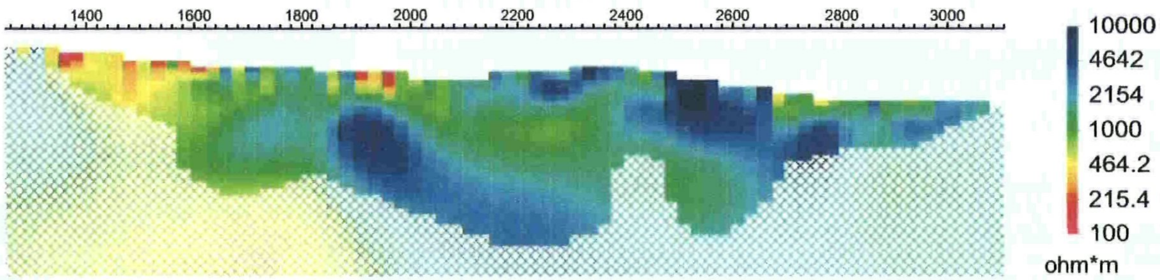
INDUCED POLARIZATION INVERSIONS
LINE 200

LOCATION: Yukon Territory
DATUM: NAD83 zone 8N
DATE: March 5, 2010

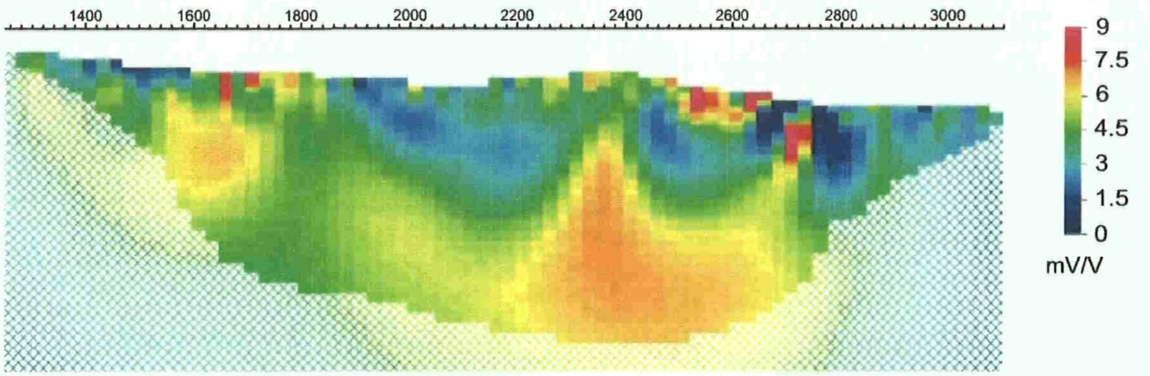
GRID: Local
MAP SHEET: 115I11
JOB: SFN-9542-YT

AURORA GEOSCIENCES LTD.

Recovered Restistivity



Recovered Chargeability



RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 1200

Scale 1:10000

100 0 100 200 300 400 500 600

(meters)

Vertical Exaggeration: 1X

SELKIRK FIRST NATIONS

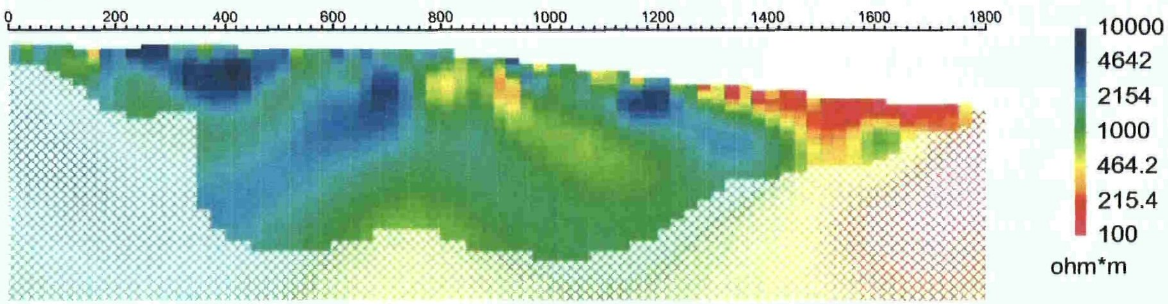
INDUCED POLARIZATION INVERSIONS
LINE 1200

LOCATION: Yukon Territory
DATUM: NAD83 zone 8N
DATE: March 5, 2010

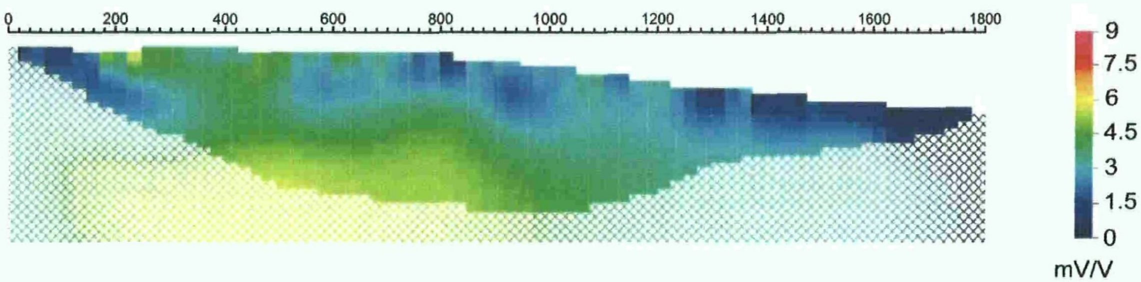
GRID: Local
MAP SHEET: 115I11
JOB: SFN-9542-YT

AURORA GEOSCIENCES LTD.

Recovered Resistivity



Recovered Chargeability



RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 2100

Scale 1:10000

100 0 100 200 300 400 500 600

(meters)

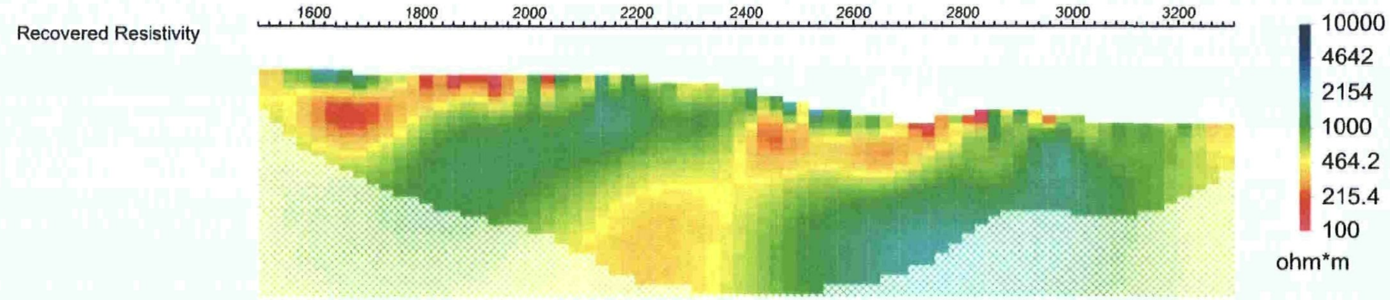
Vertical Exaggeration: 1X

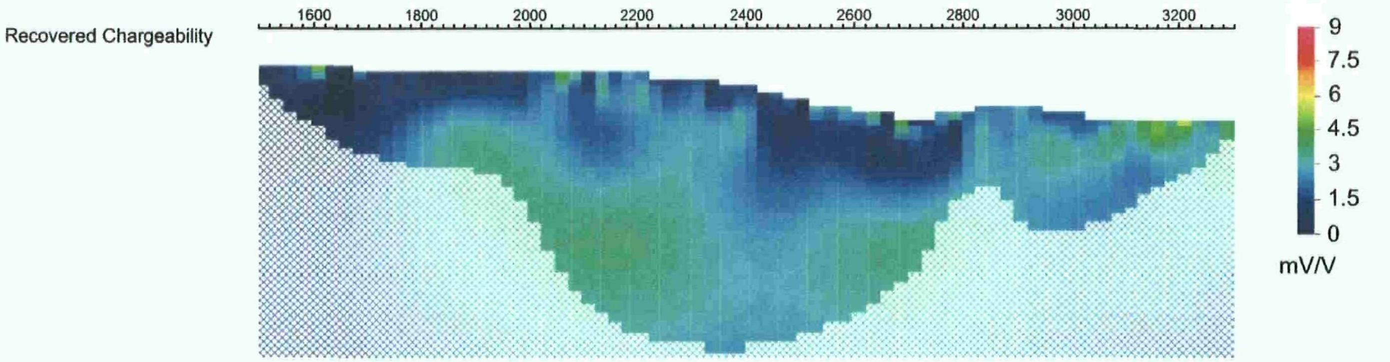
SELKIRK FIRST NATIONS

INDUCED POLARIZATION INVERSIONS
LINE 2100

LOCATION: Yukon Territory | GRID: Local
DATUM: NAD83 zone 8N | MAP SHEET: 115I11
DATE: March 5, 2010 | JOB: SFN-9542-YT

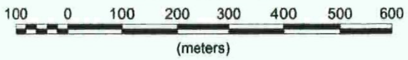
AURORA GEOSCIENCES LTD.





RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 2400



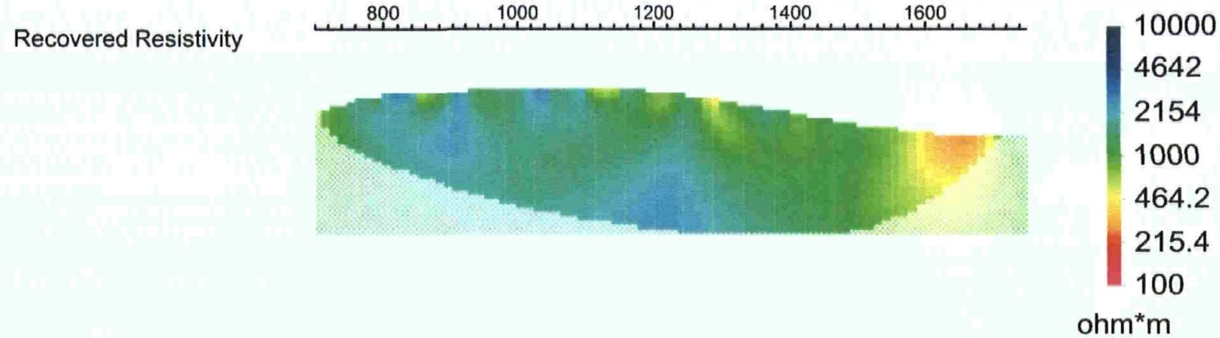
Vertical Exaggeration: 1X

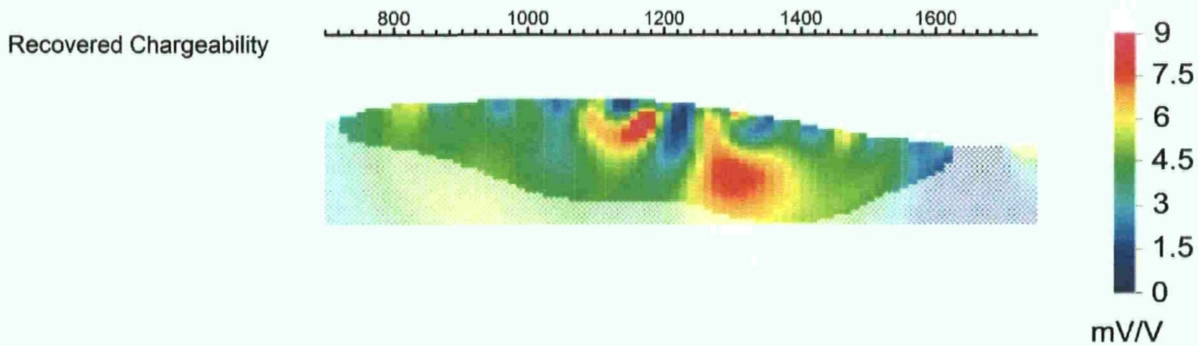
SELKIRK FIRST NATIONS

INDUCED POLARIZATION INVERSIONS
LINE 2400

LOCATION: Yukon Territory GRID: Local
DATUM: NAD83 zone 8N MAP SHEET: 115I11
DATE: March 5, 2010 JOB: SFN-9542-YT

AURORA GEOSCIENCES LTD.





RECOVERED RESISTIVITY & CHARGEABILITY PLOTS

LINE 3600

Scale 1:10000

100 0 100 200 300 400 500 600

(meters)

Vertical Exaggeration: 1X

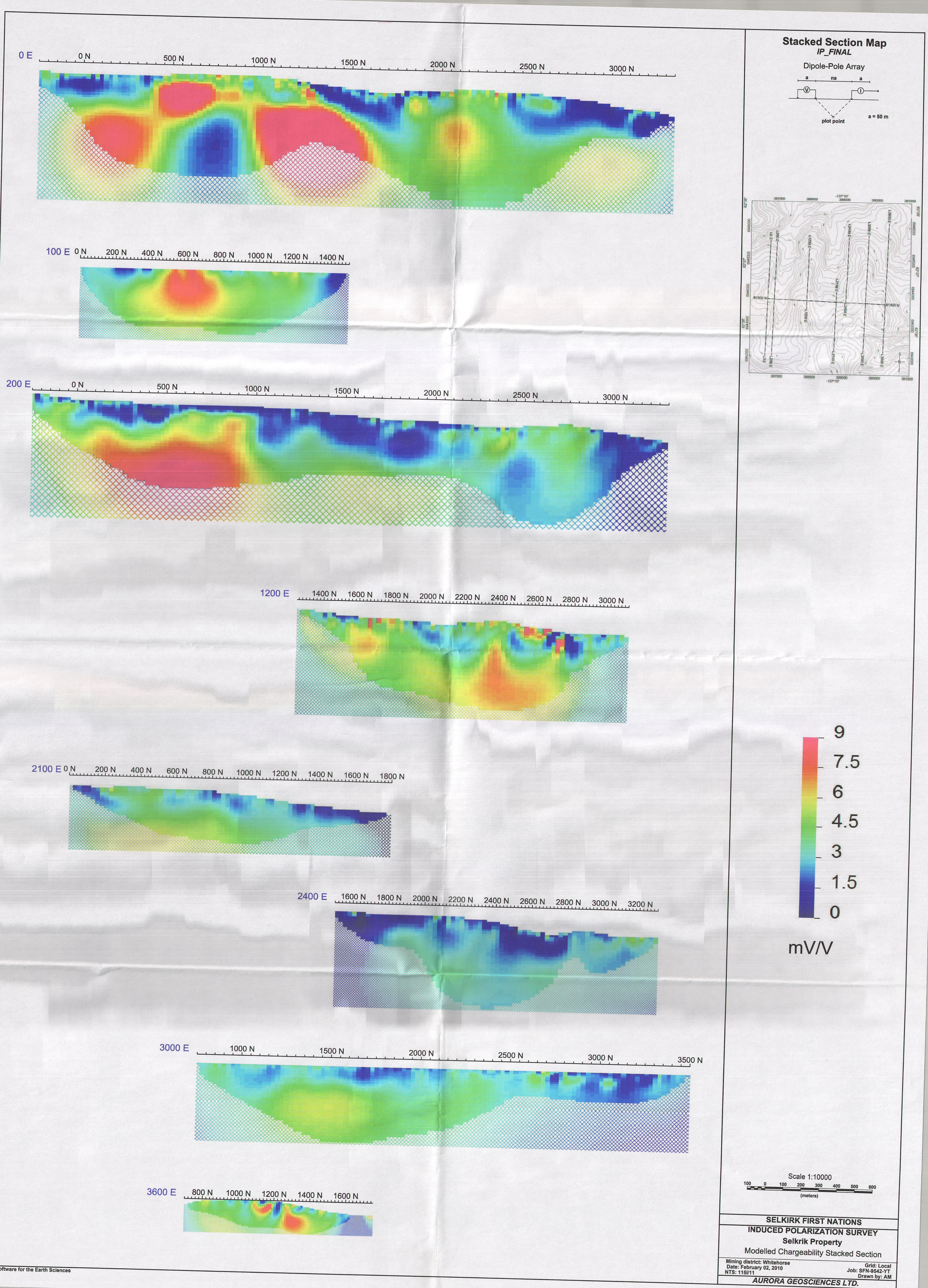
SELKIRK FIRST NATIONS

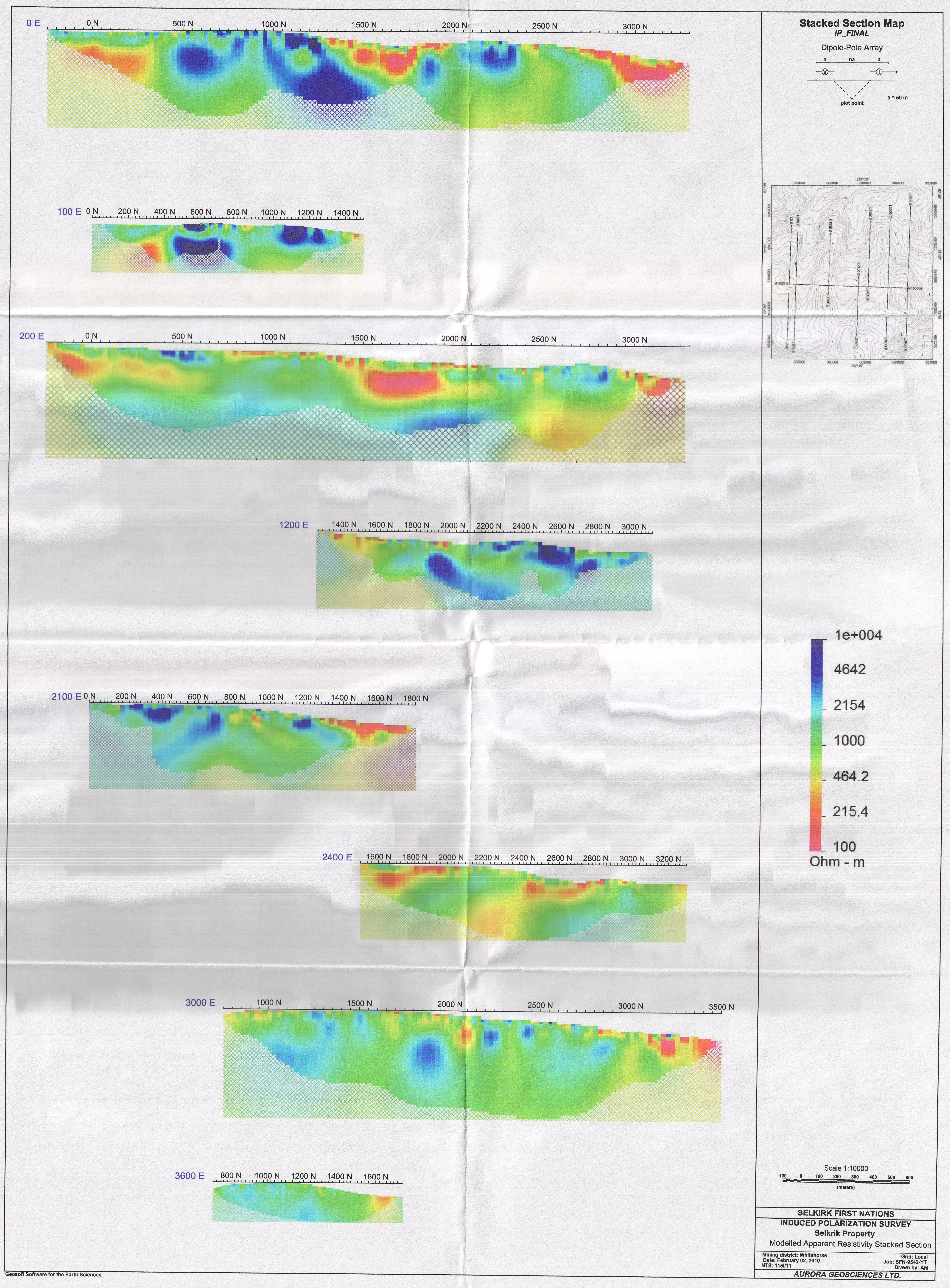
INDUCED POLARIZATION INVERSIONS
LINE 3600

LOCATION: Yukon Territory
DATUM: NAD83 zone 8N
DATE: March 5, 2010

GRID: Local
MAP SHEET: 115I11
JOB: SFN-9542-YT

AURORA GEOSCIENCES LTD.


Stacked Section Map
IP_FINAL
Dipole-Pole Array
plot point
a = 50 m
0 E
100 E
200 E
1200 E
2100 E
2400 E
3000 E
3600 E
9
7.5
6
4.5
3
1.5
0
mV/V
Scale 1:10000
(meters)
SELKIRK FIRST NATIONS
INDUCED POLARIZATION SURVEY
Selkirk Property
Modelled Chargeability Stacked Section
Mining district: Whitehorse
Date: February 02, 2010
NTS: 115I/11
Grid: Local
Job: SFN-9542-YT
Drawn by: AM
AURORA GEOSCIENCES LTD.
Geosoft Software for the Earth Sciences


Stacked Section Map
IP_FINAL
Dipole-Pole Array
a
na
a
plot point
a = 50 m
0 E
100 E
200 E
1200 E
2100 E
2400 E
3000 E
3600 E
0 N
500 N
1000 N
1500 N
2000 N
2500 N
3000 N
3500 N
1e+004
4642
2154
1000
464.2
215.4
100
Ohm - m
Scale 1:10000
(meters)
SELKIRK FIRST NATIONS
INDUCED POLARIZATION SURVEY
Selkrik Property
Modelled Apparent Resistivity Stacked Section
Mining district: Whitehorse
Date: February 02, 2010
NTS: 115I/11
Grid: Local
Job: SFN-9542-YT
Drawn by: AM
AURORA GEOSCIENCES LTD.
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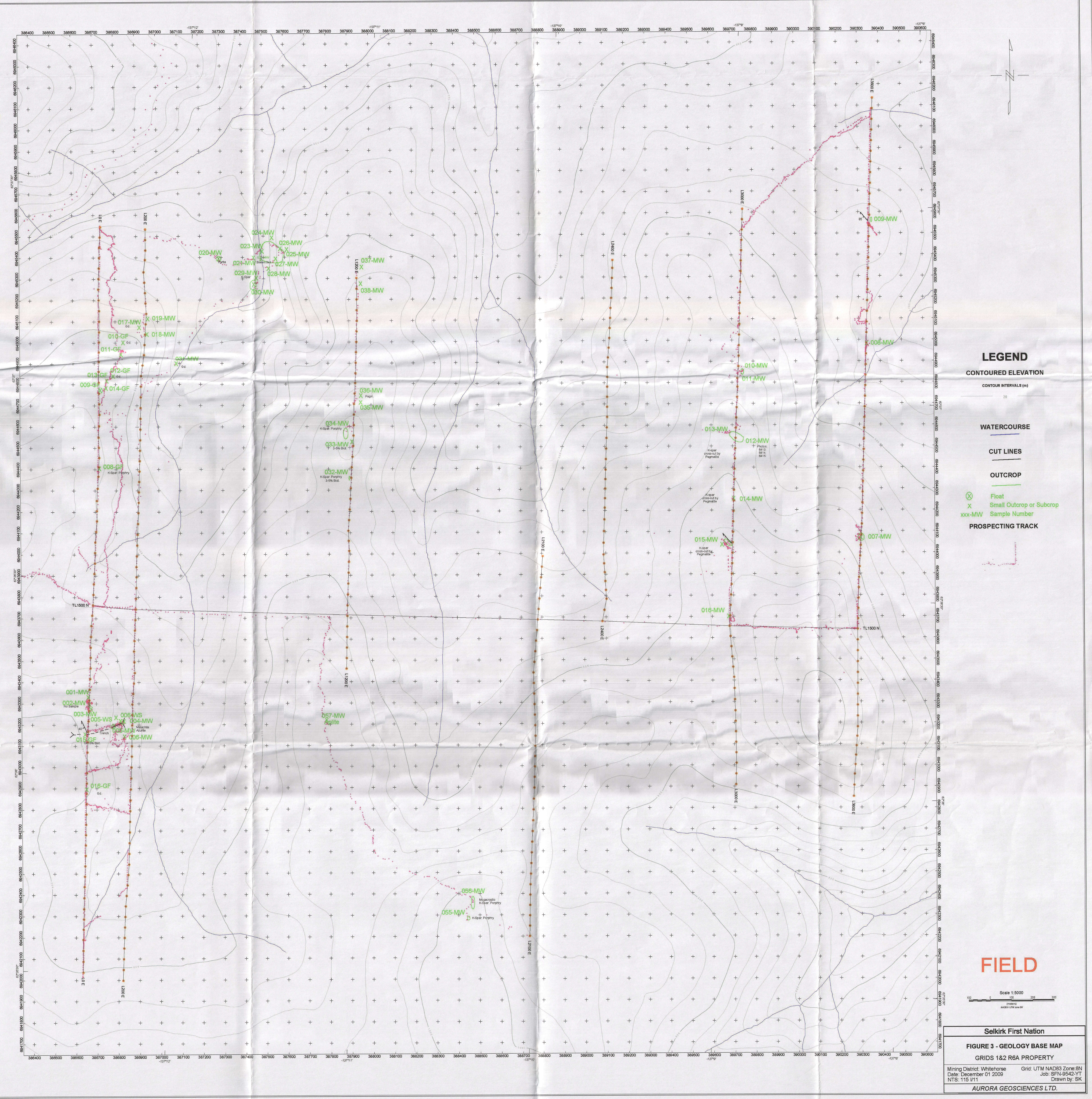
Appendix III

Geological Map

Geologic map of Grids 1 and 2
Soil sample location map Grid 1 and 2
Soil sample location map Grid 3



LEGEND
CONTOURED ELEVATION
CONTOUR INTERVALS (m)
WATERCOURSE
CUT LINES
OUTCROP
Float
Small Outcrop or Subcrop
xxx-MW Sample Number
PROSPECTING TRACK
FIELD
Scale 1:5000
100 0 100 200 300
(meters)
NAD83 / UTM zone 8N
TL1500 N
Selkirk First Nation
FIGURE 3 - GEOLOGY BASE MAP
GRIDS 1&2 R6A PROPERTY
Mining District: Whitehorse
Date: December 01 2009
NTS: 115 I/11
Grid: UTM NAD83 Zone:8N
Job: SFN-9542-YT
Drawn by: SK
AURORA GEOSCIENCES LTD.

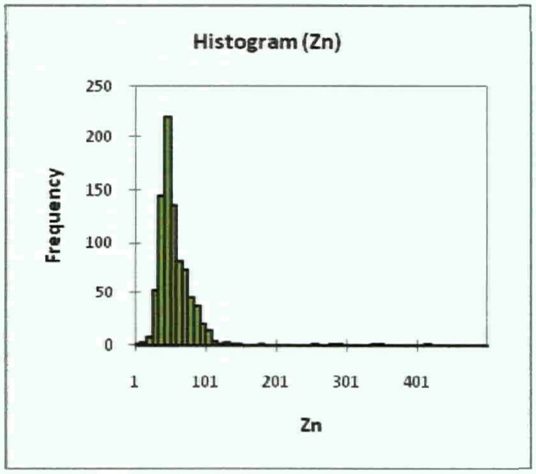
Appendix IV

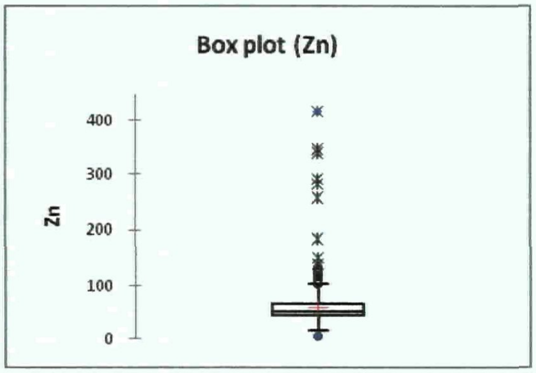
Univariate statistics: Histogram, Box-plot, Q-Q plots
Scatter Plot Matrix

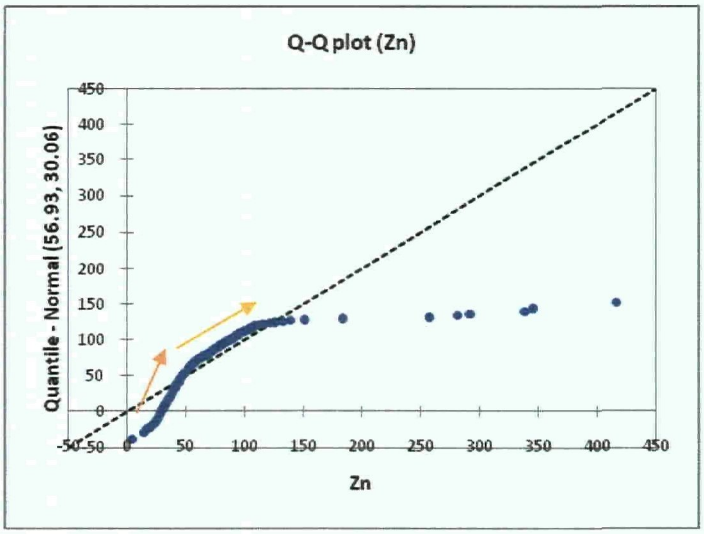
Univariate statistics by element
Scatter plot matrix

Zn_ppm

Two populations, both left skewed, outliers >200ppm

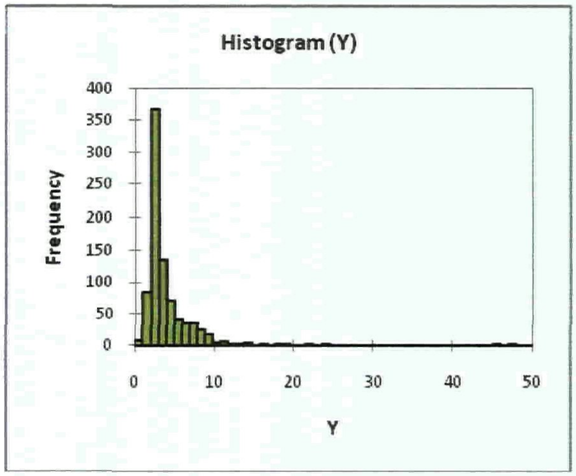


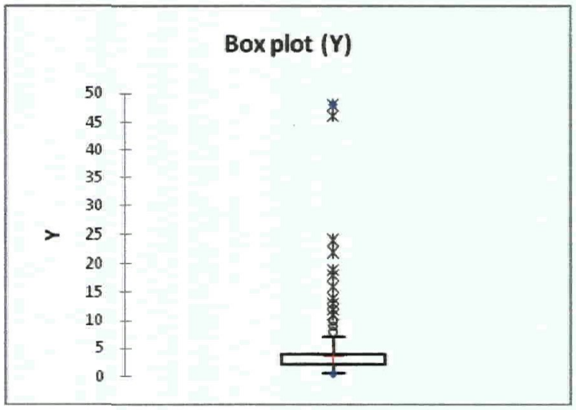


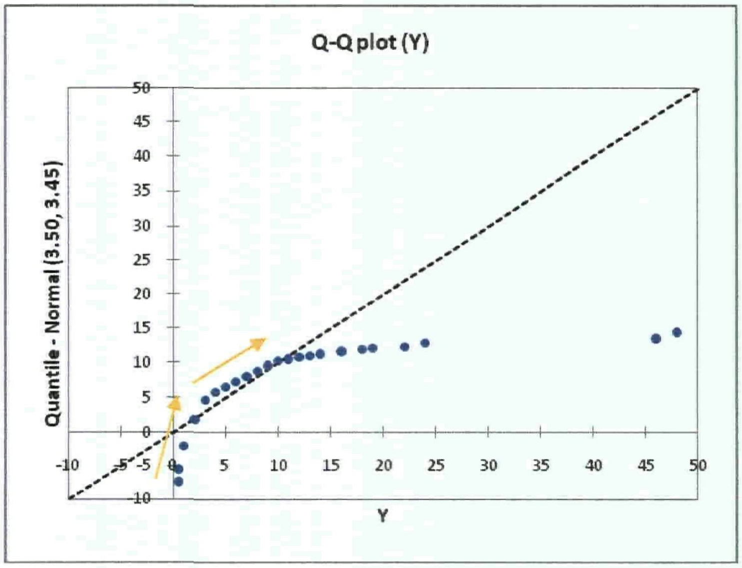


Y(ppm)

Two populations both left skewed, outliers > 12ppm

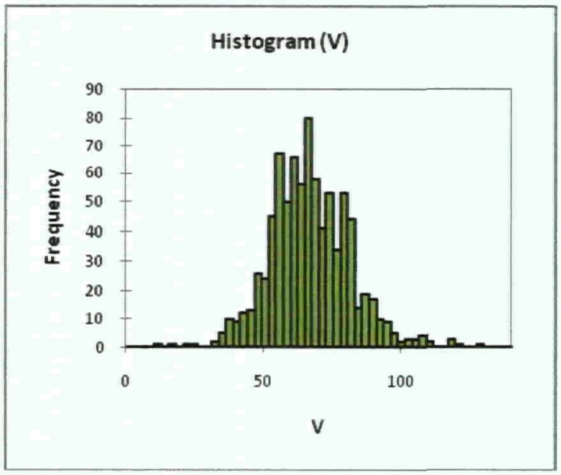


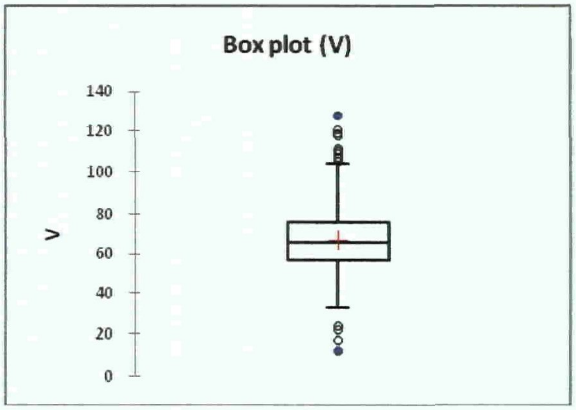


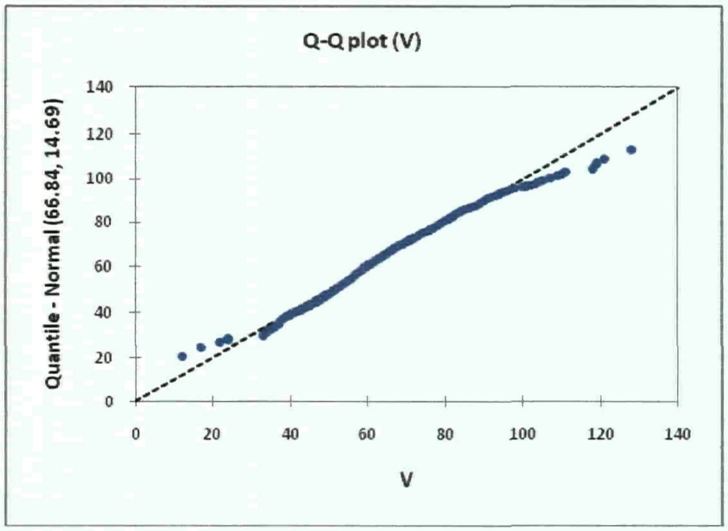


V (ppm)

Single nearly log normal population, possible second population at 97 ppm, outliers >118 ppm

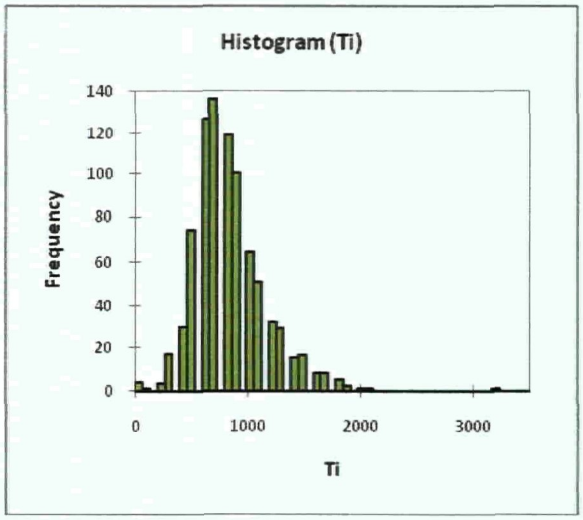


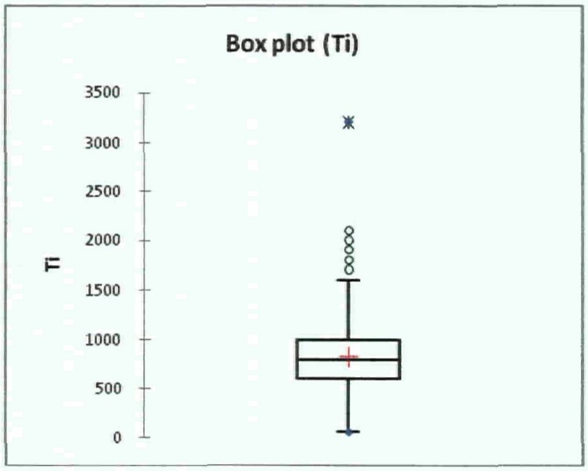


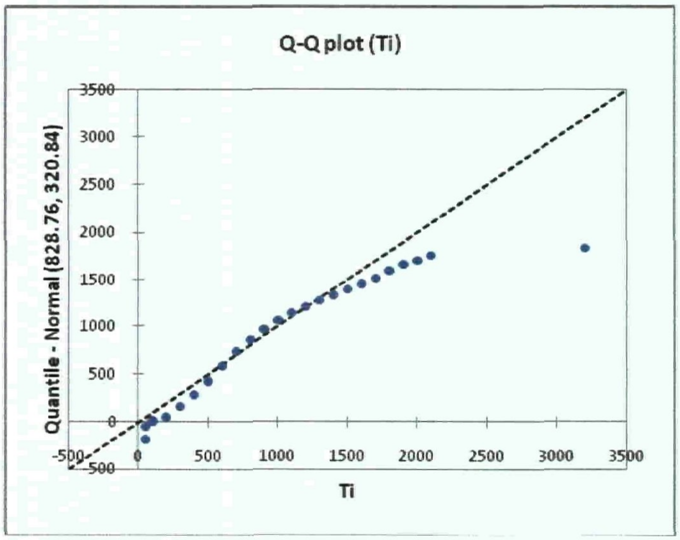


Ti (ppm)

One population, left skewed, one outlier at 3200 ppm

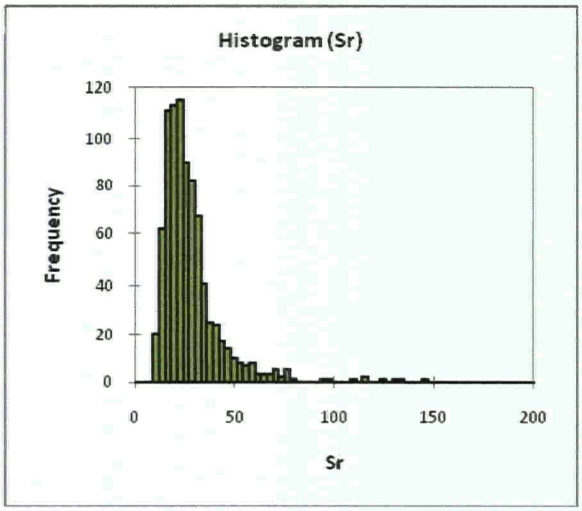


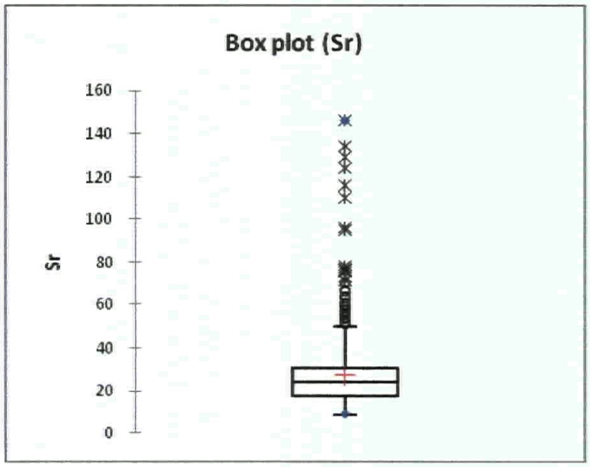


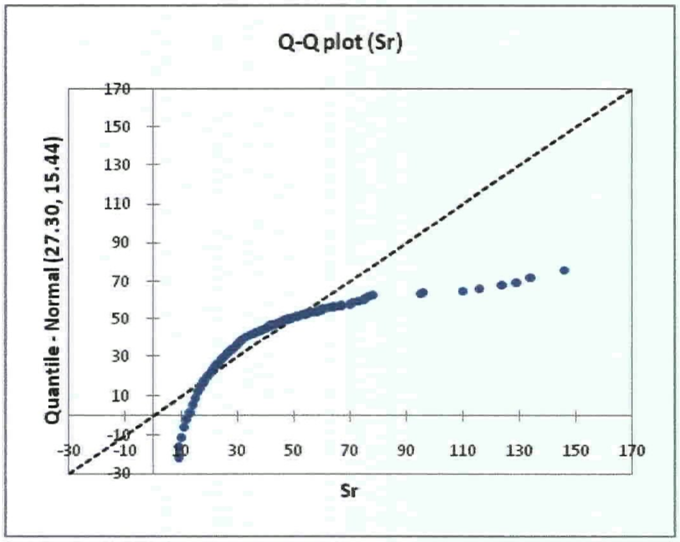


Sr (ppm)

One population, strongly left skewed, outliers >51 ppm, strong outliers > 95 ppm

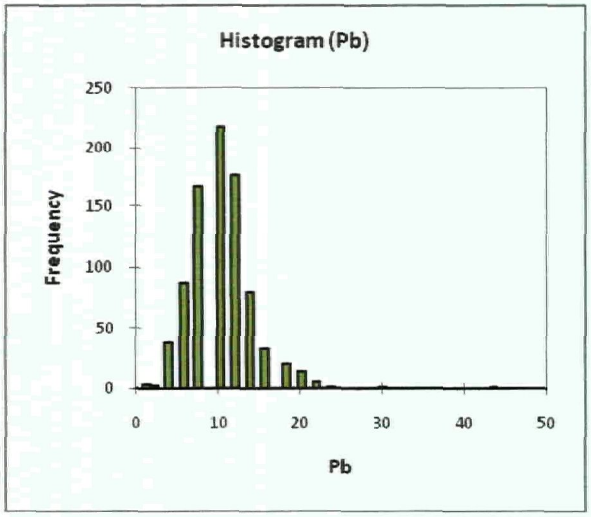


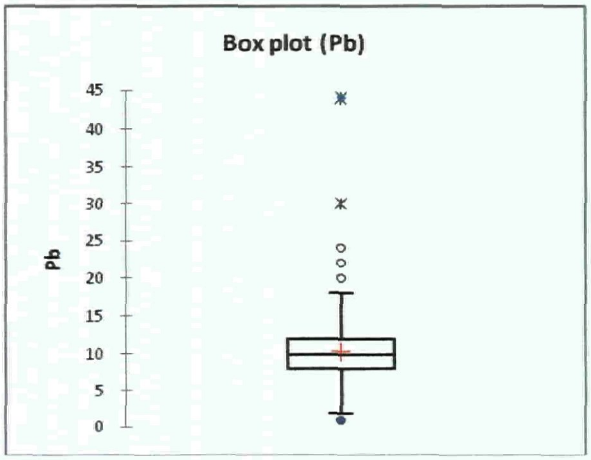


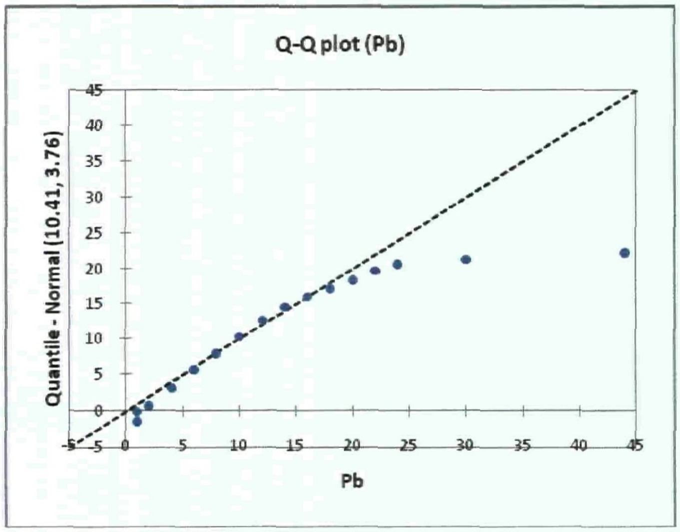


Pb (ppm)

Weakly left skewed single population, outliers >20 ppm

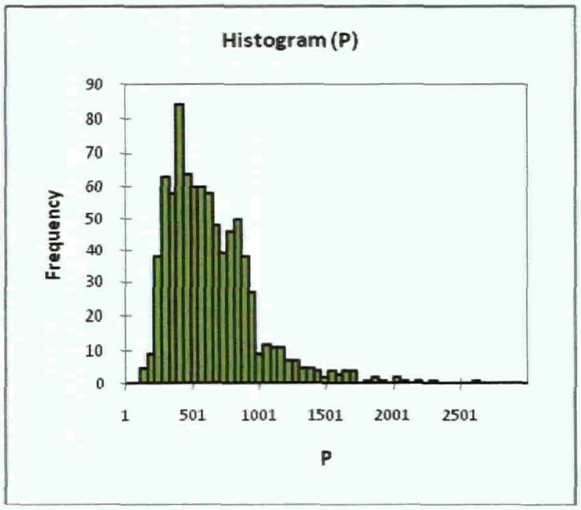


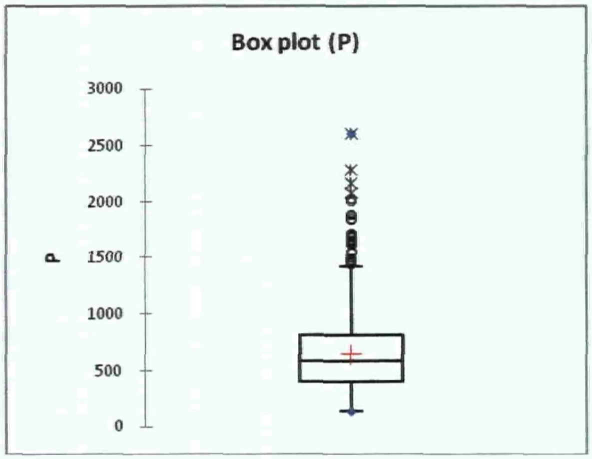


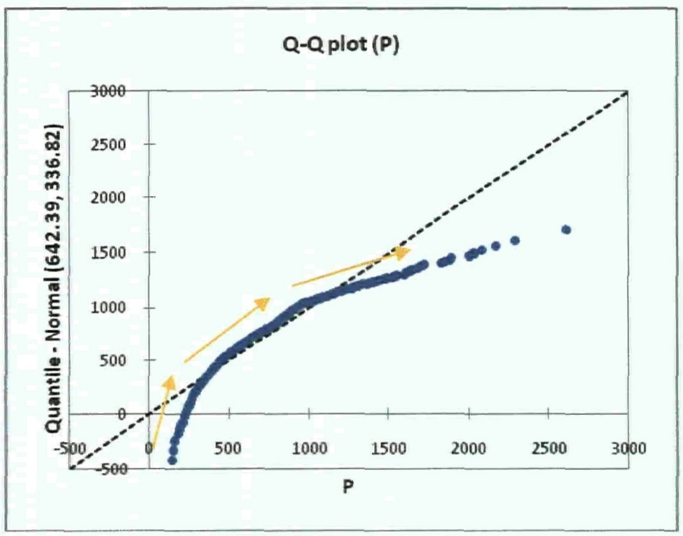


P (ppm)

Two or possibly three populations, Three natural breaks: 1550 ppm, 1830 ppm, 2000 ppm, outliers > 1440ppm

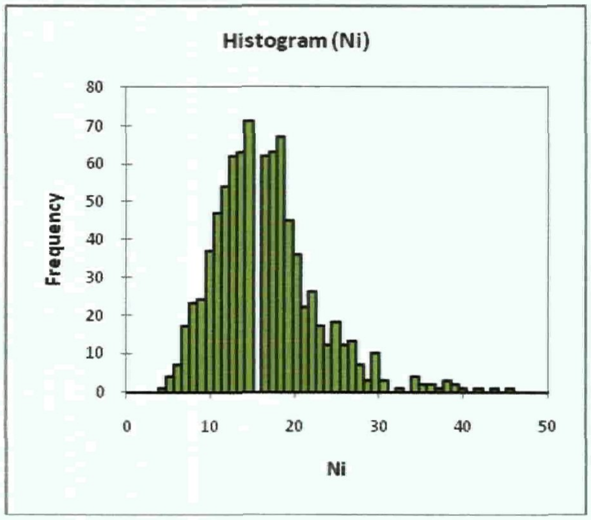


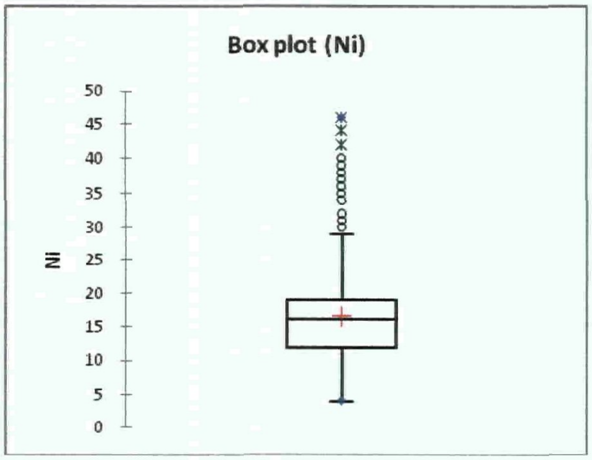


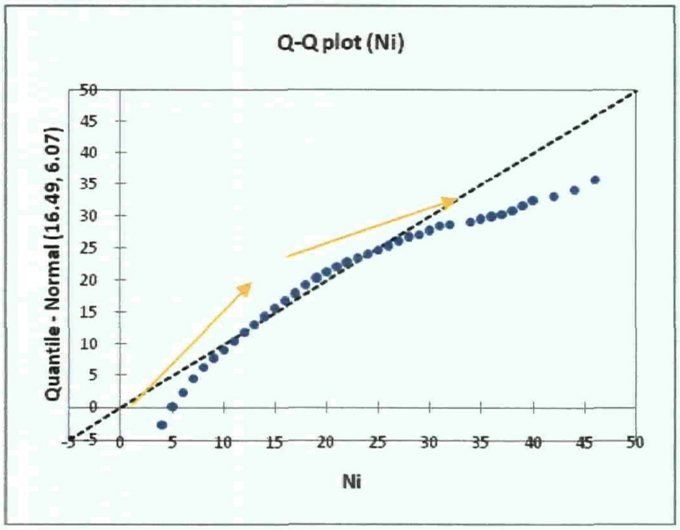


Ni (ppm)

Two populations, first mean ~12ppm, second ~25ppm, Outliers > 30ppm

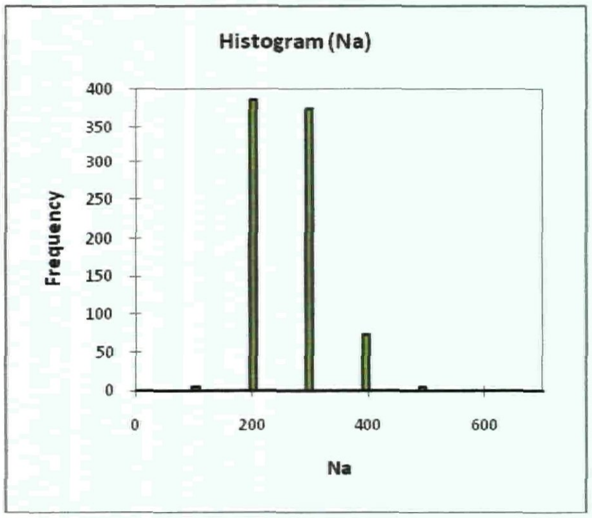


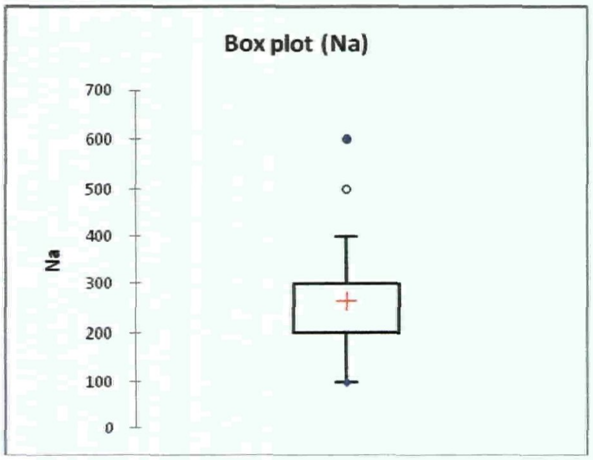


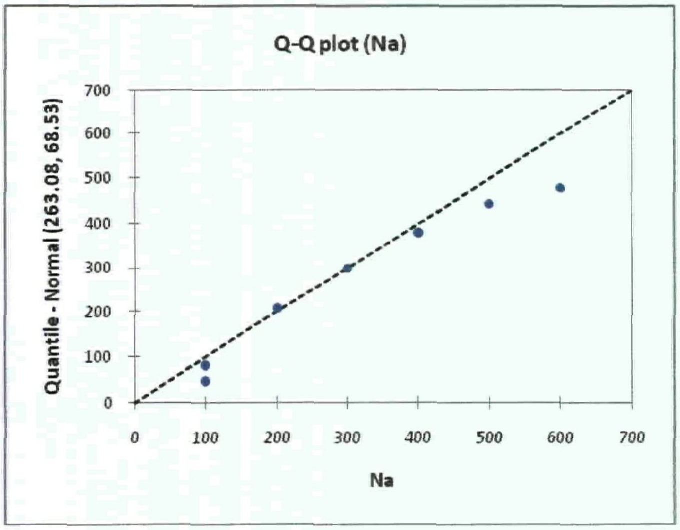


Na (ppm)

Single population nearly normal, outliers >400ppm

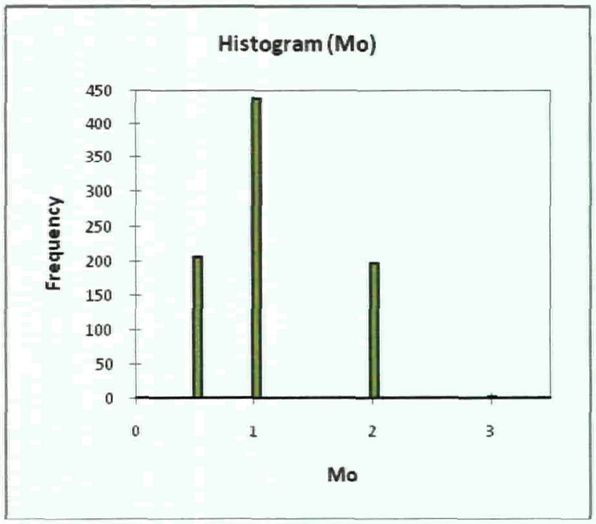


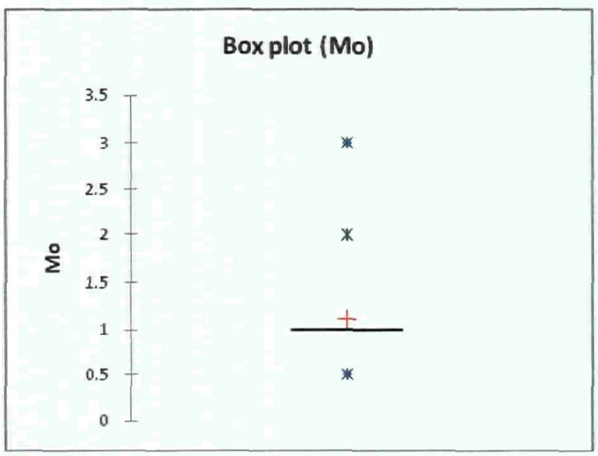


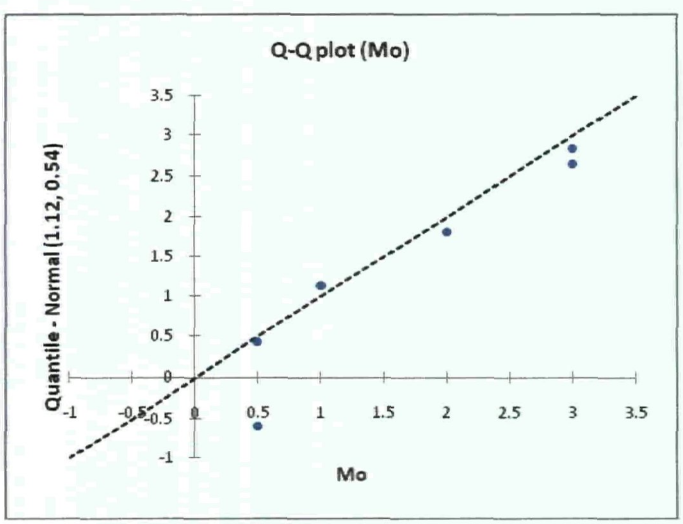


Mo (ppm)

One population, left skewed at detection limit, step response a function of analytical intervals, no outliers

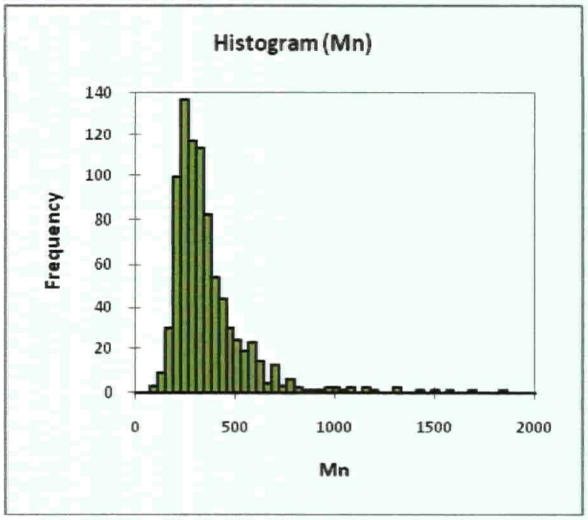


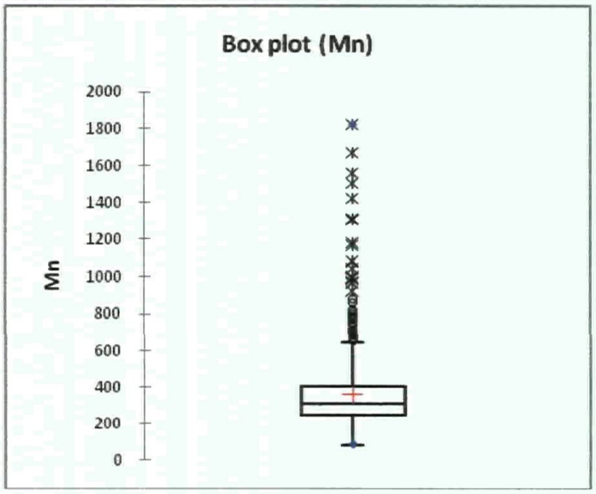


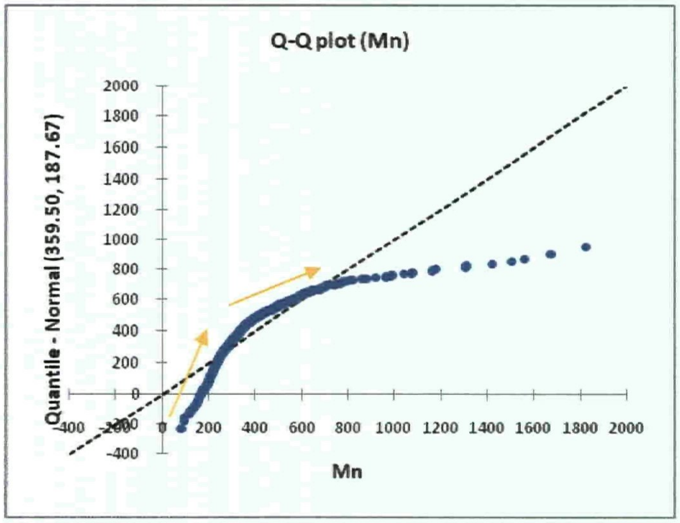


Mn (ppm)

Two populatios, weakly left skewed population, outliers >650ppm

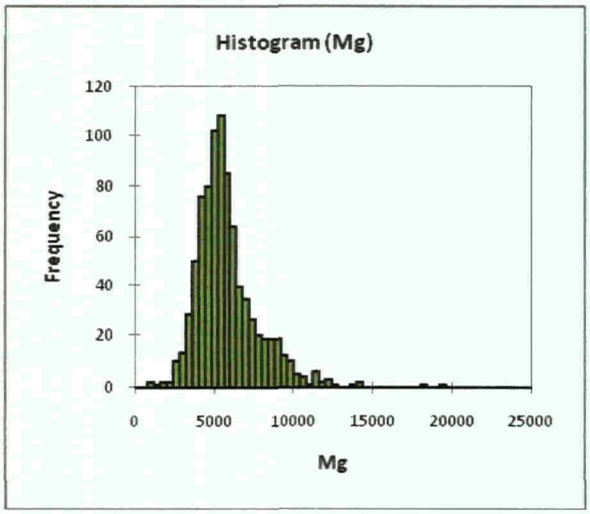


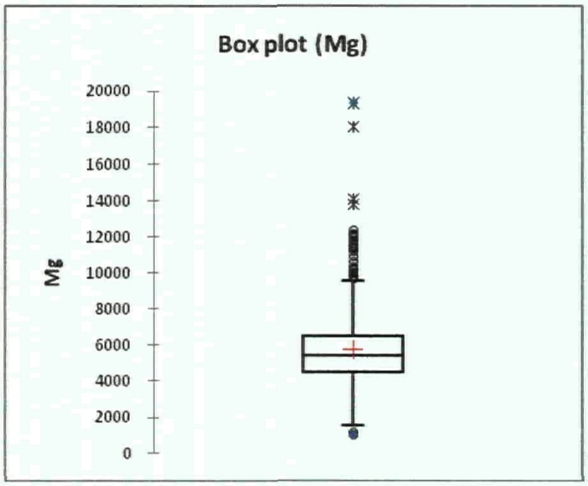


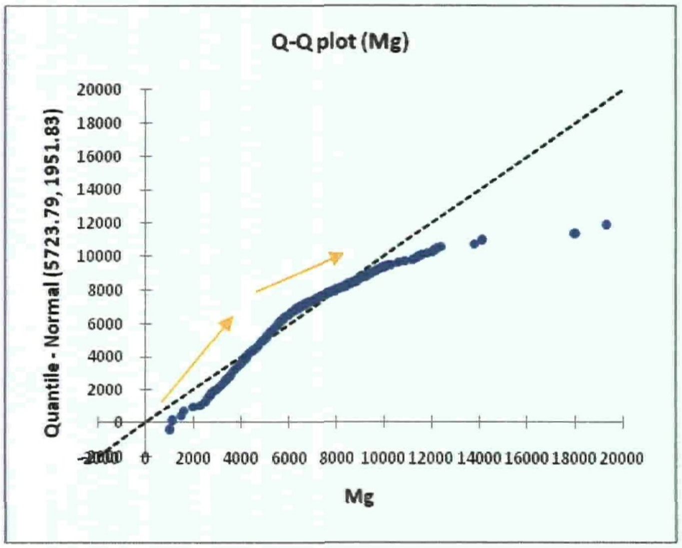


Mg (ppm)

Two distributions: break at 1.09%, outliers >1.24%

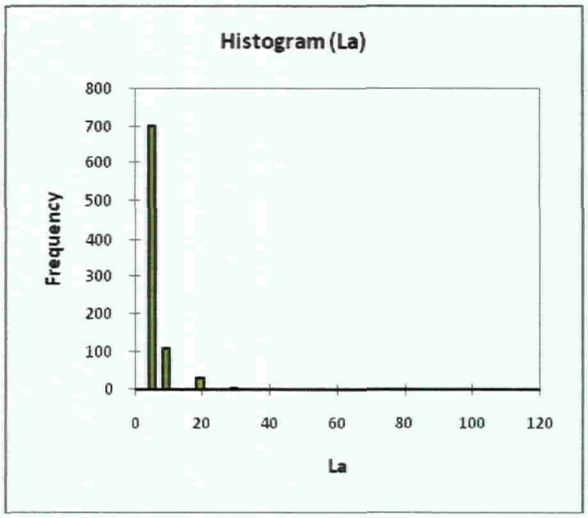


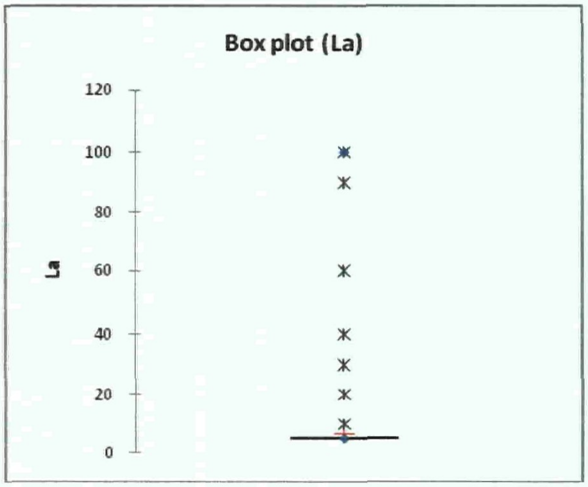


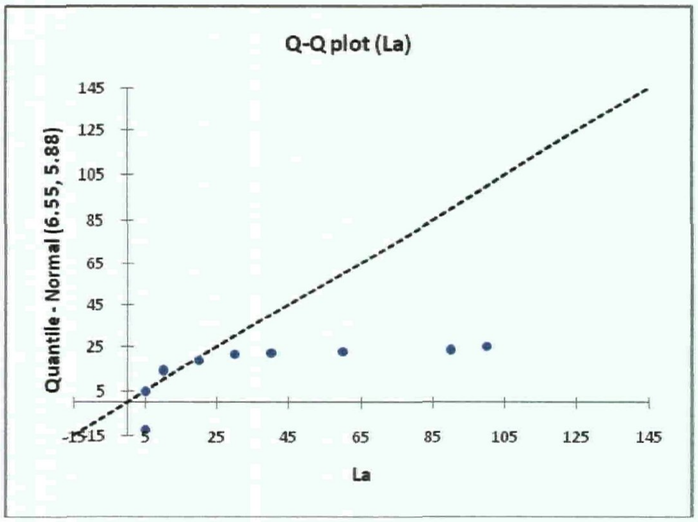


La (ppm)

Strongly left skewed data

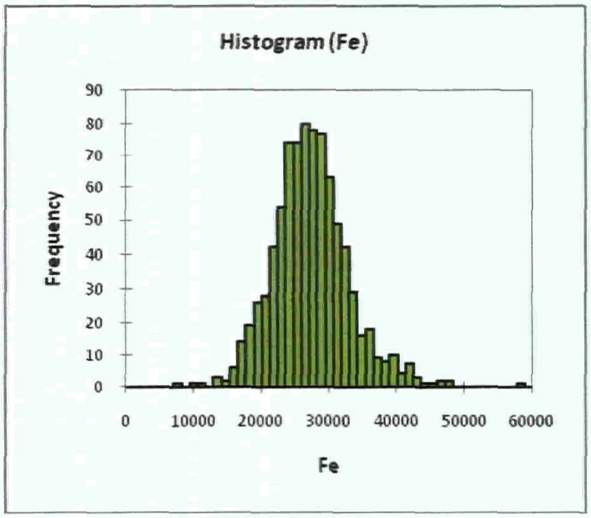


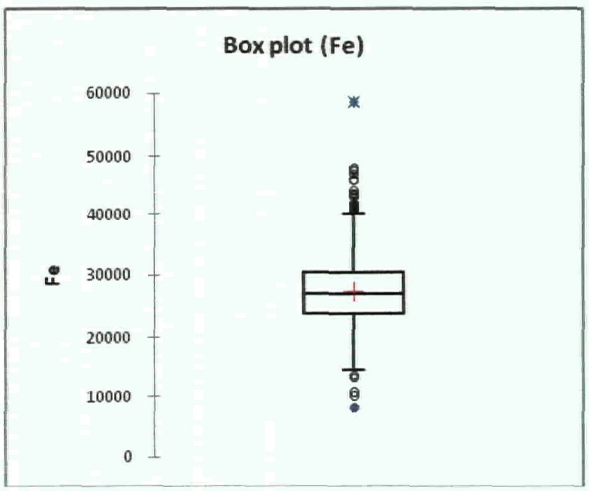


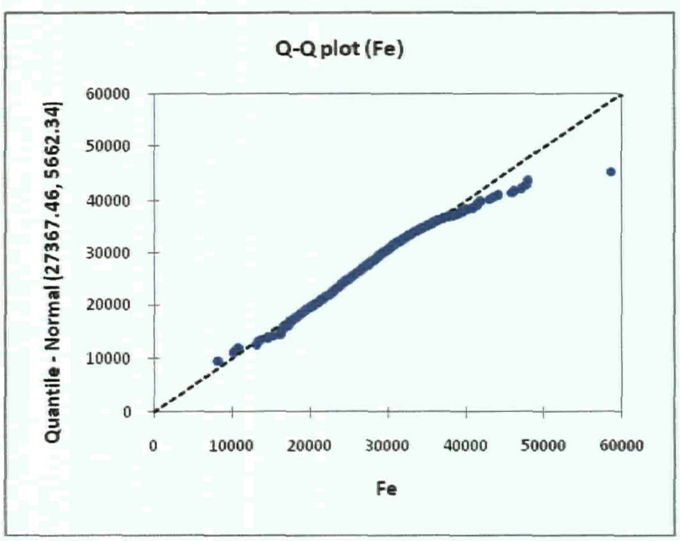


Fe (ppm)

Nearly normal distribution, possible two populations; outliers >4%

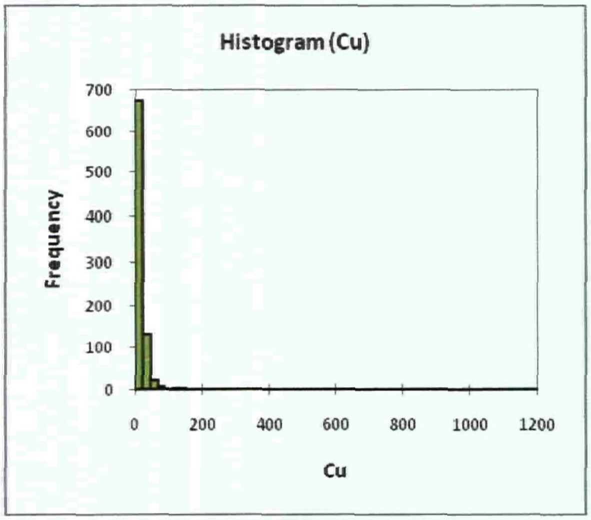


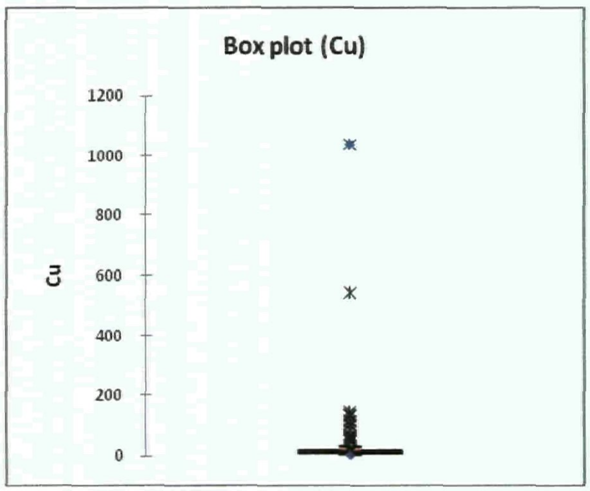


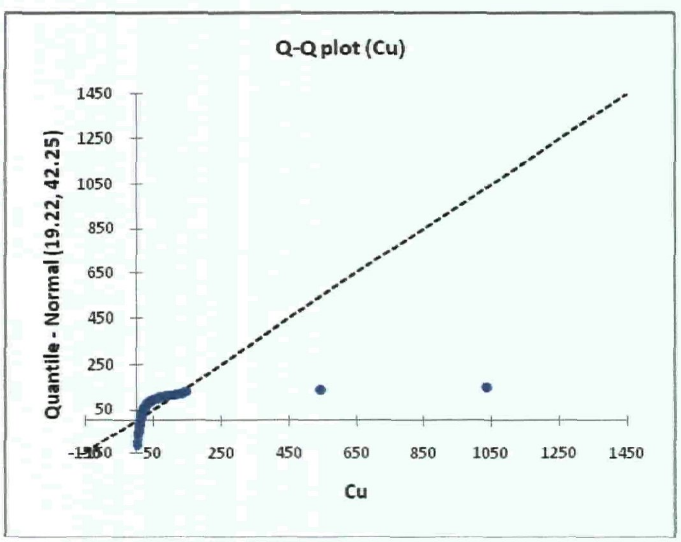


Cu (ppm)

Strongly left skewed data, 2 outliers >450ppm

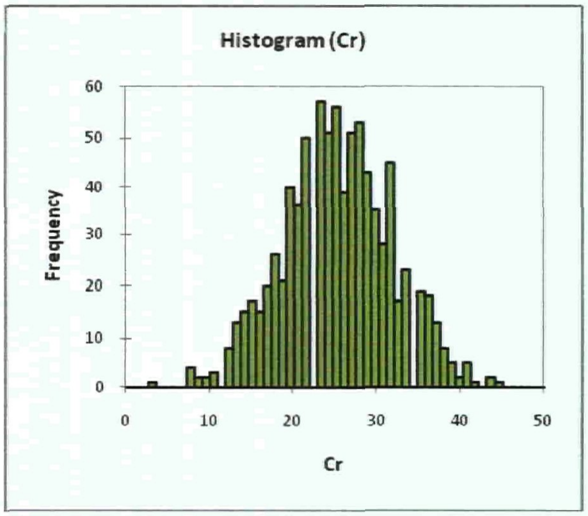


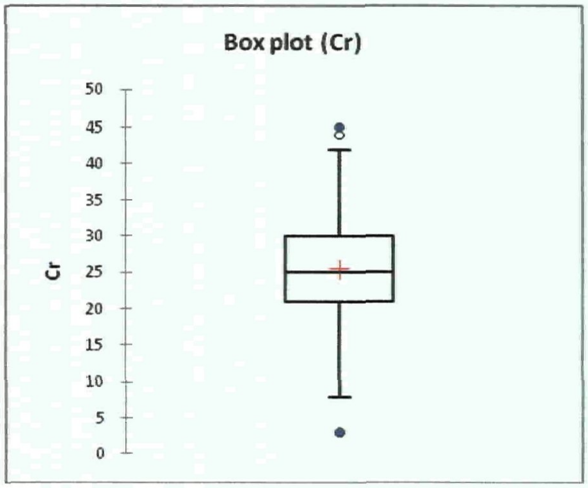


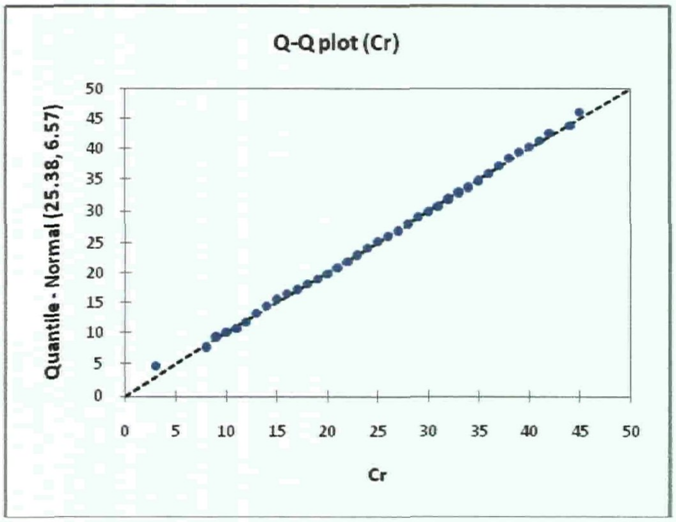


Cr (ppm)

Nearly normal distribution, no outliers

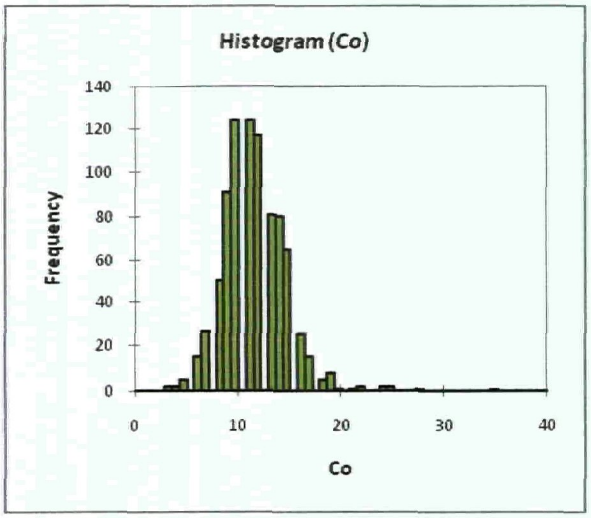


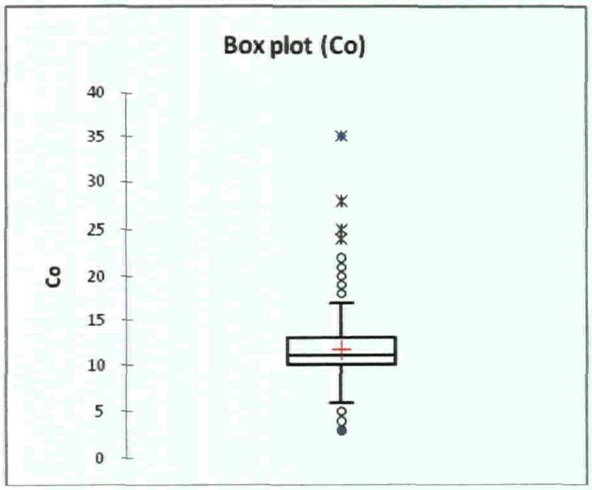


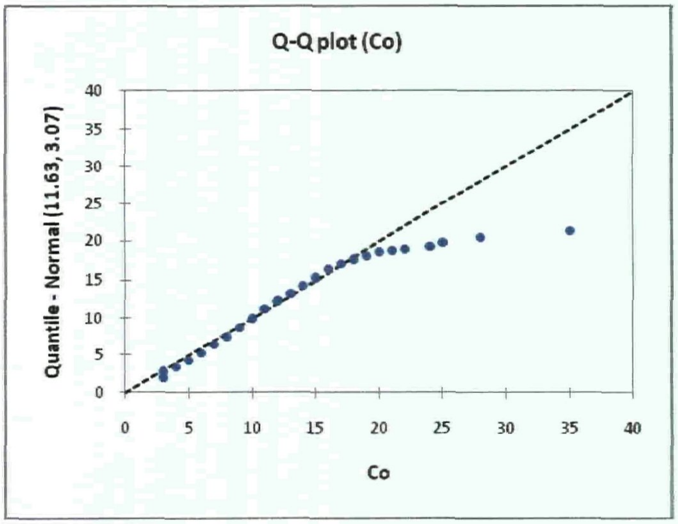


Co (ppm)

Slightly left skewed distribution, outliers >17ppm

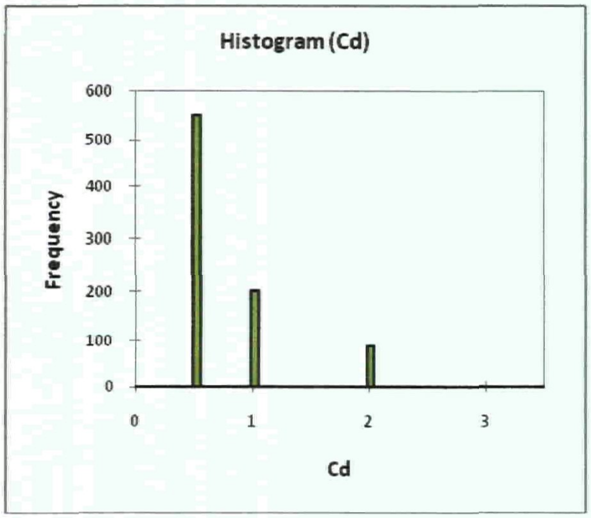


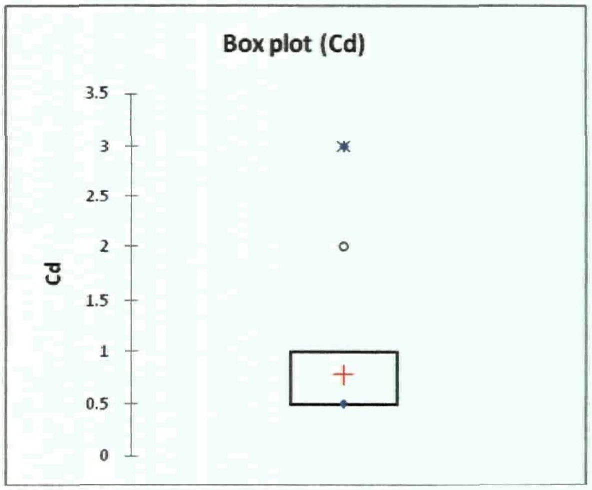


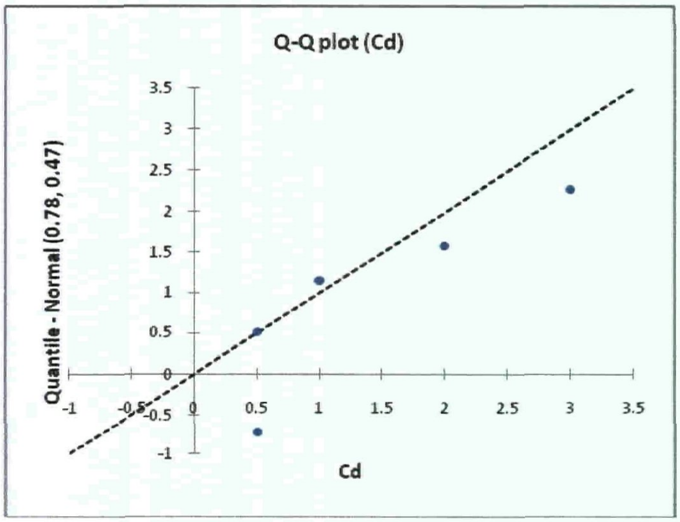


Cd (ppm)

Population dominated by sampling interval (analysis resolution)

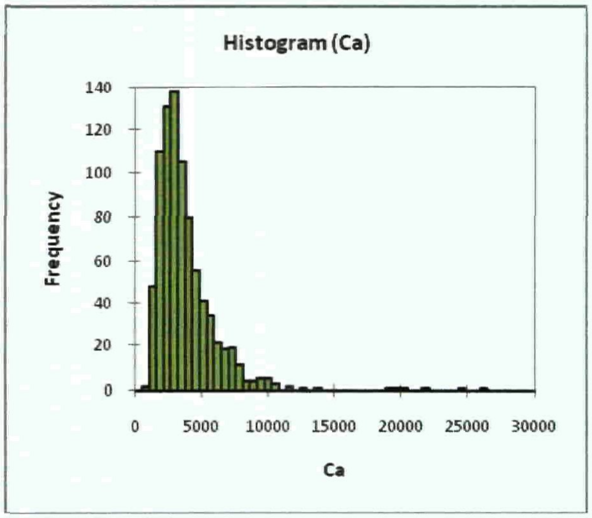


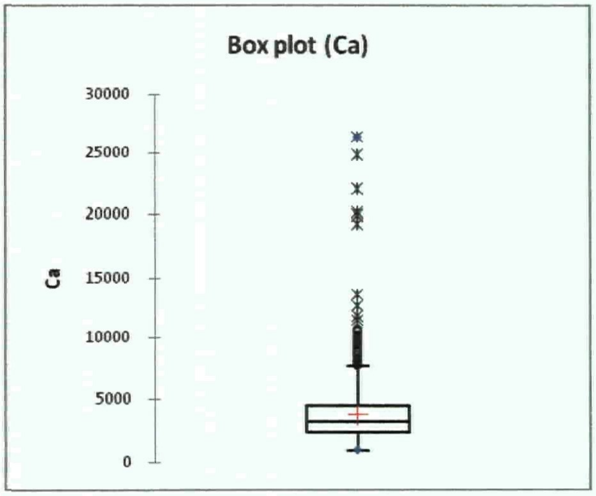


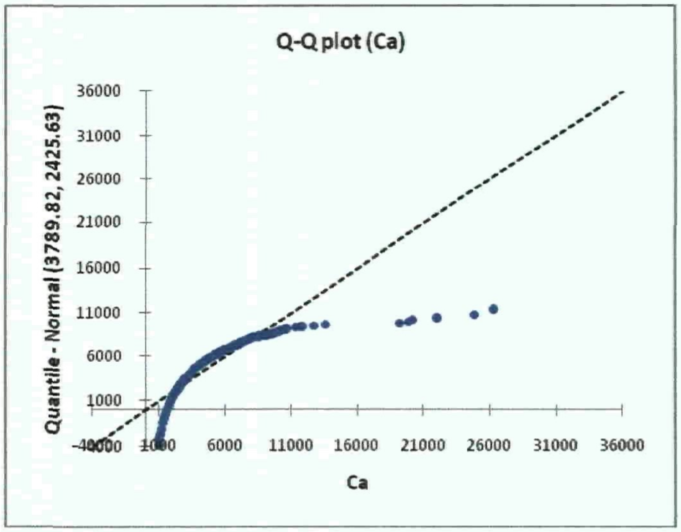


Ca (ppm)

Left skewed distribution, outliers >7700ppm; distinct population of outliers >1.90%

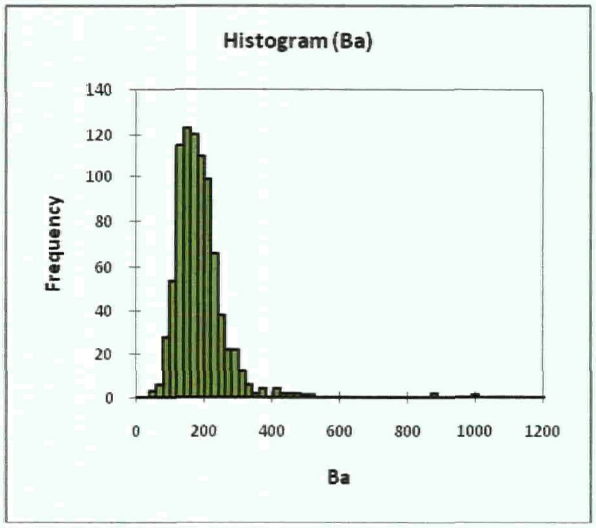


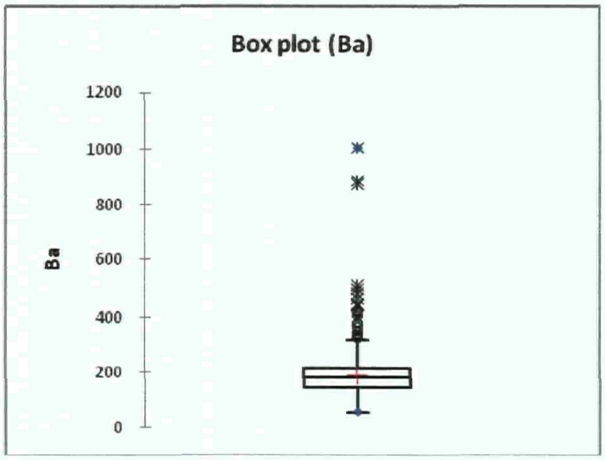


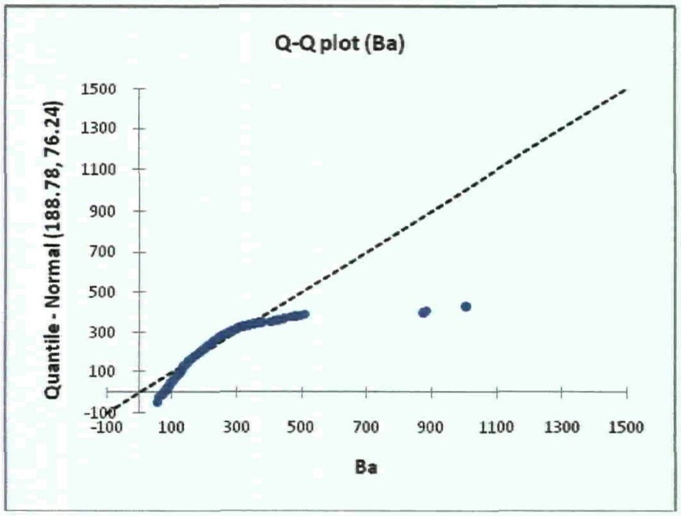


Ba (ppm)

Weakly left skewed population, break at 380ppm; strongly anomalous >800ppm

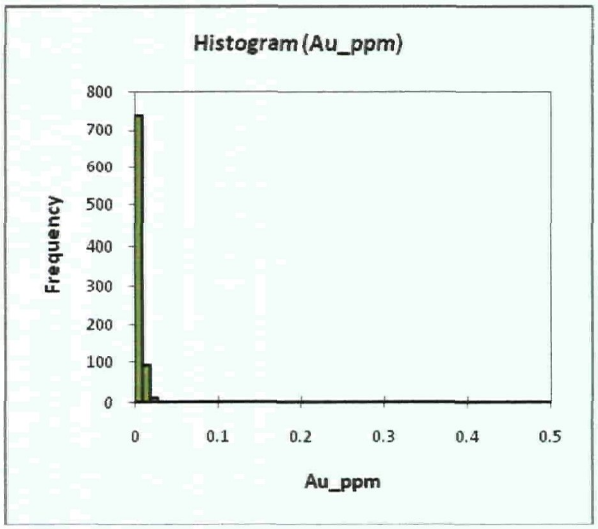


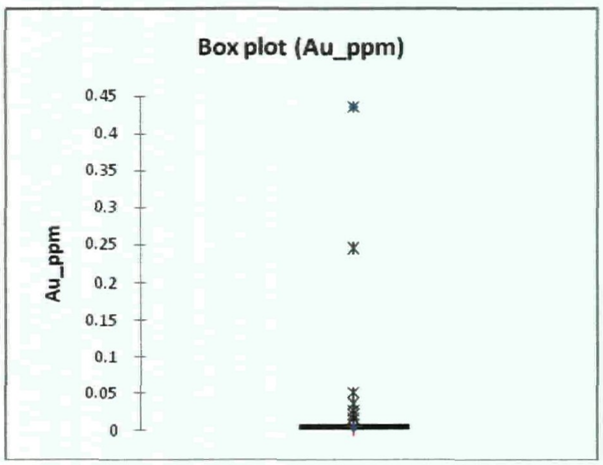


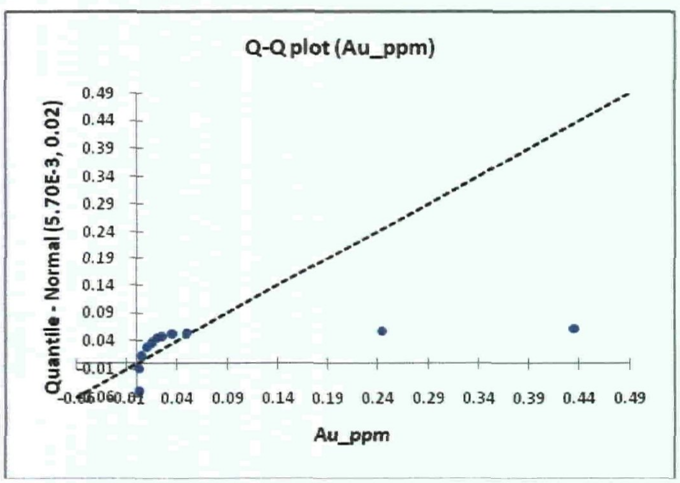


Au (ppm)

Strongly left skewed population, possible anomalous population above detection limit with a max of 450ppb (One reading with coincident anomalous Ca, As, Fe, Al – this sample is suspected of contamination)

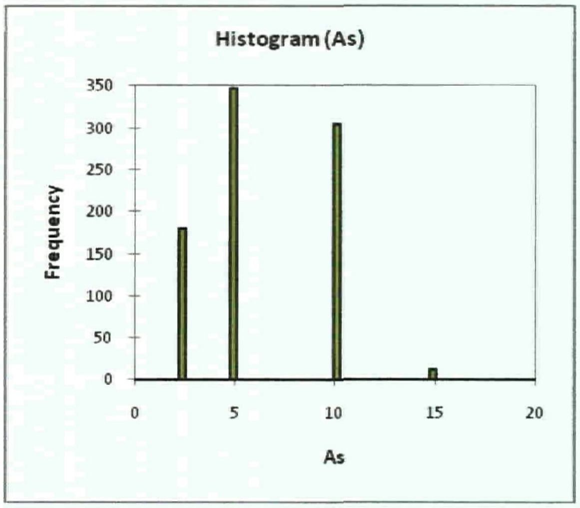


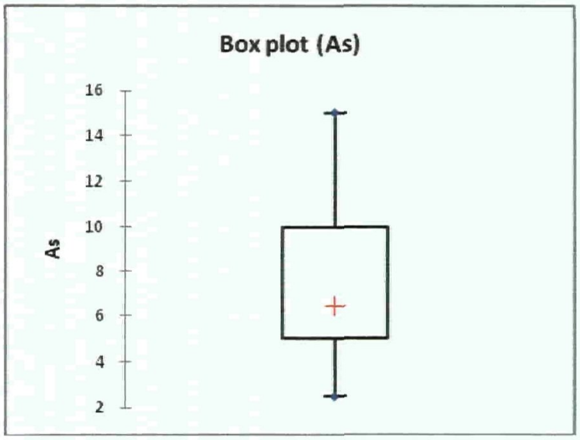


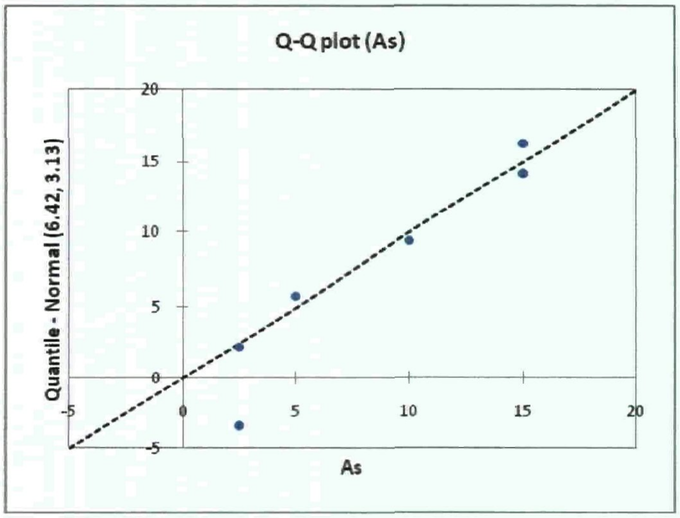


As (ppm)

Non normal, left censored, positive skew, no outliers.

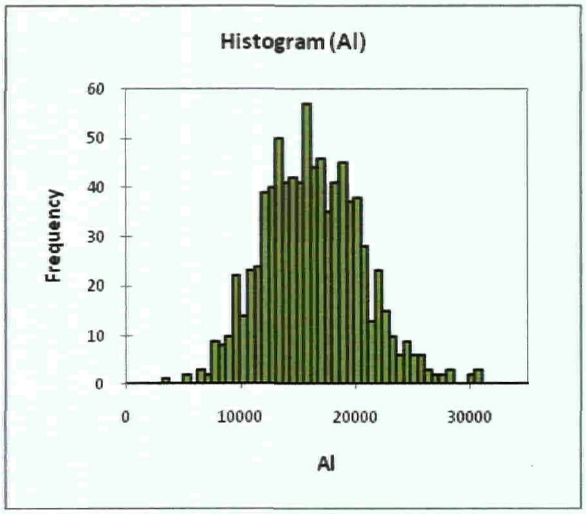


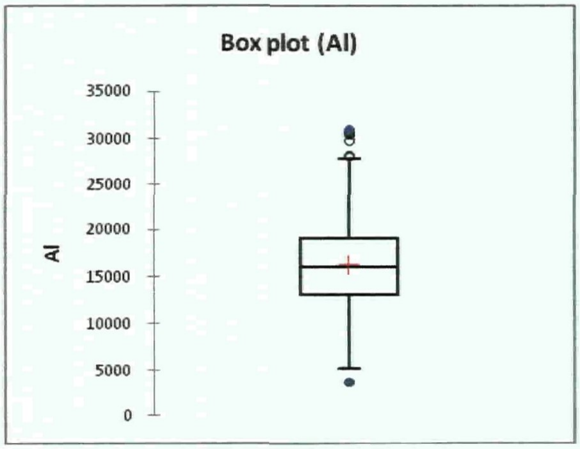


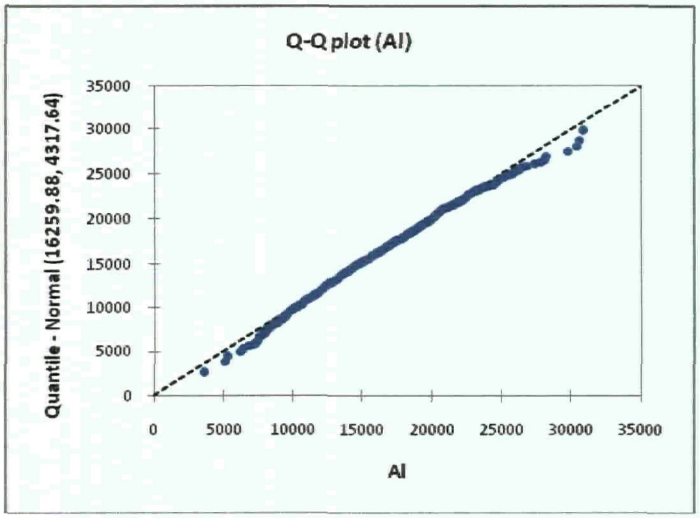


Al (ppm)

Nearly normal population, small outlier population >2.78%

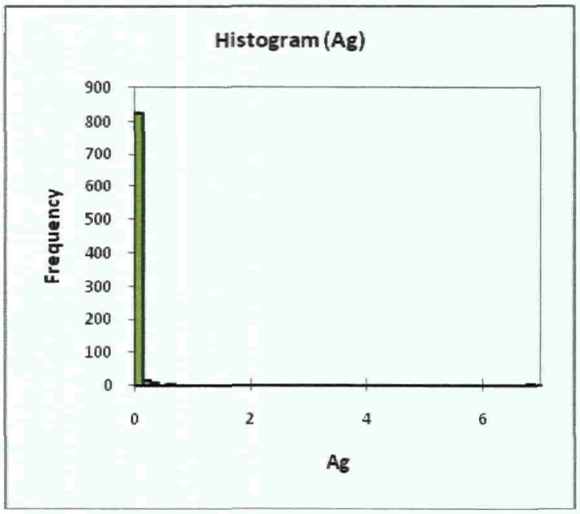


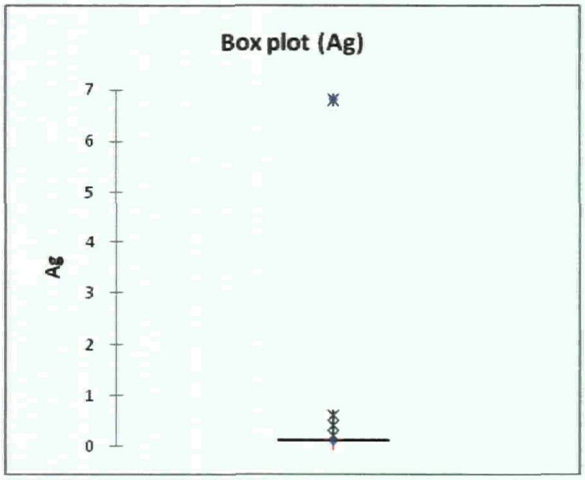


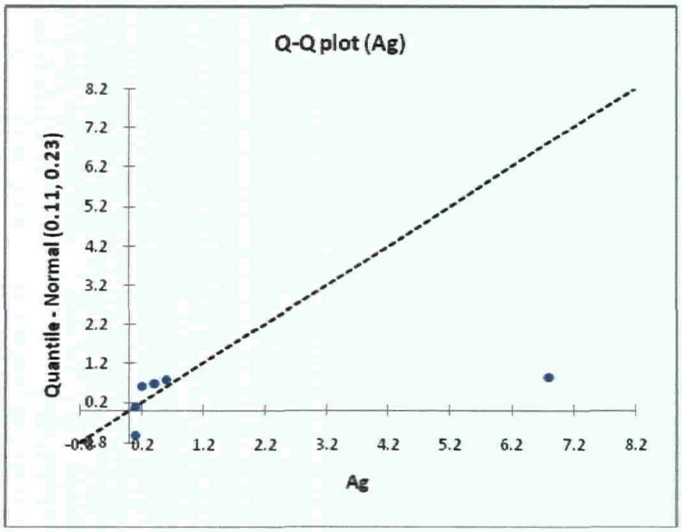


Ag (ppm)

Strongly left censored data, one anomalous reading of 6.8ppm



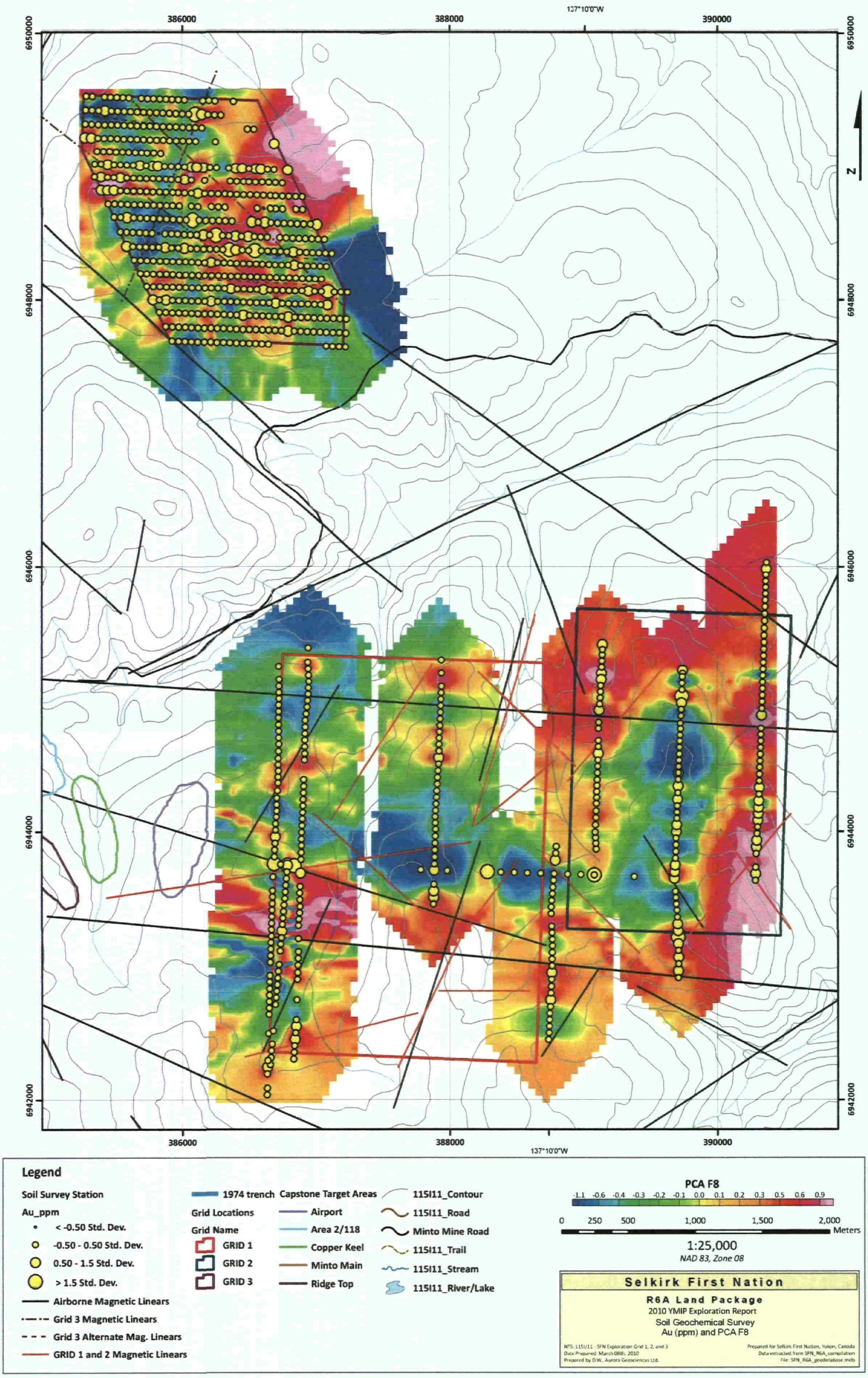




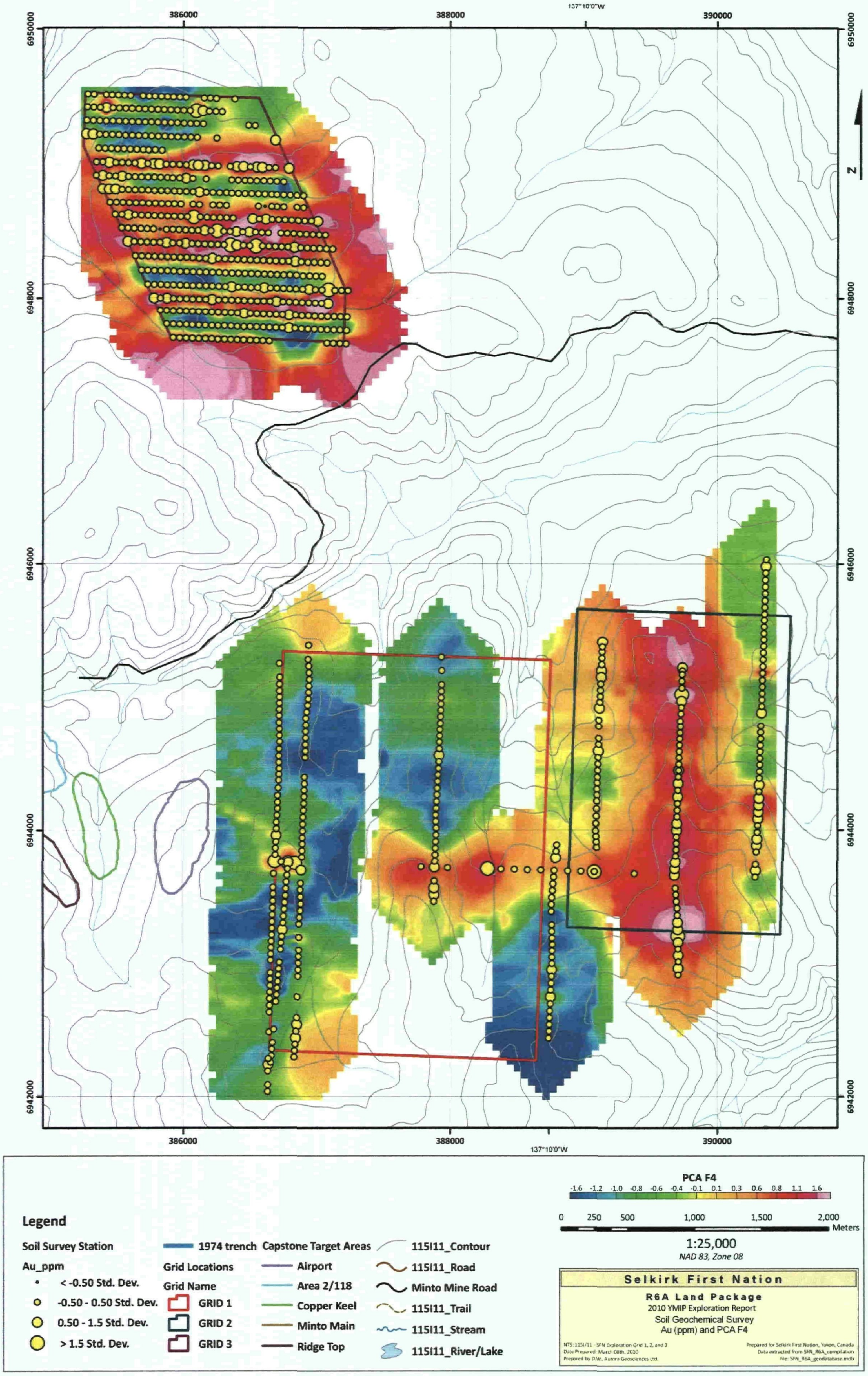
Appendix V

PCA GEOCHEMICAL MAPS (soil sampling)

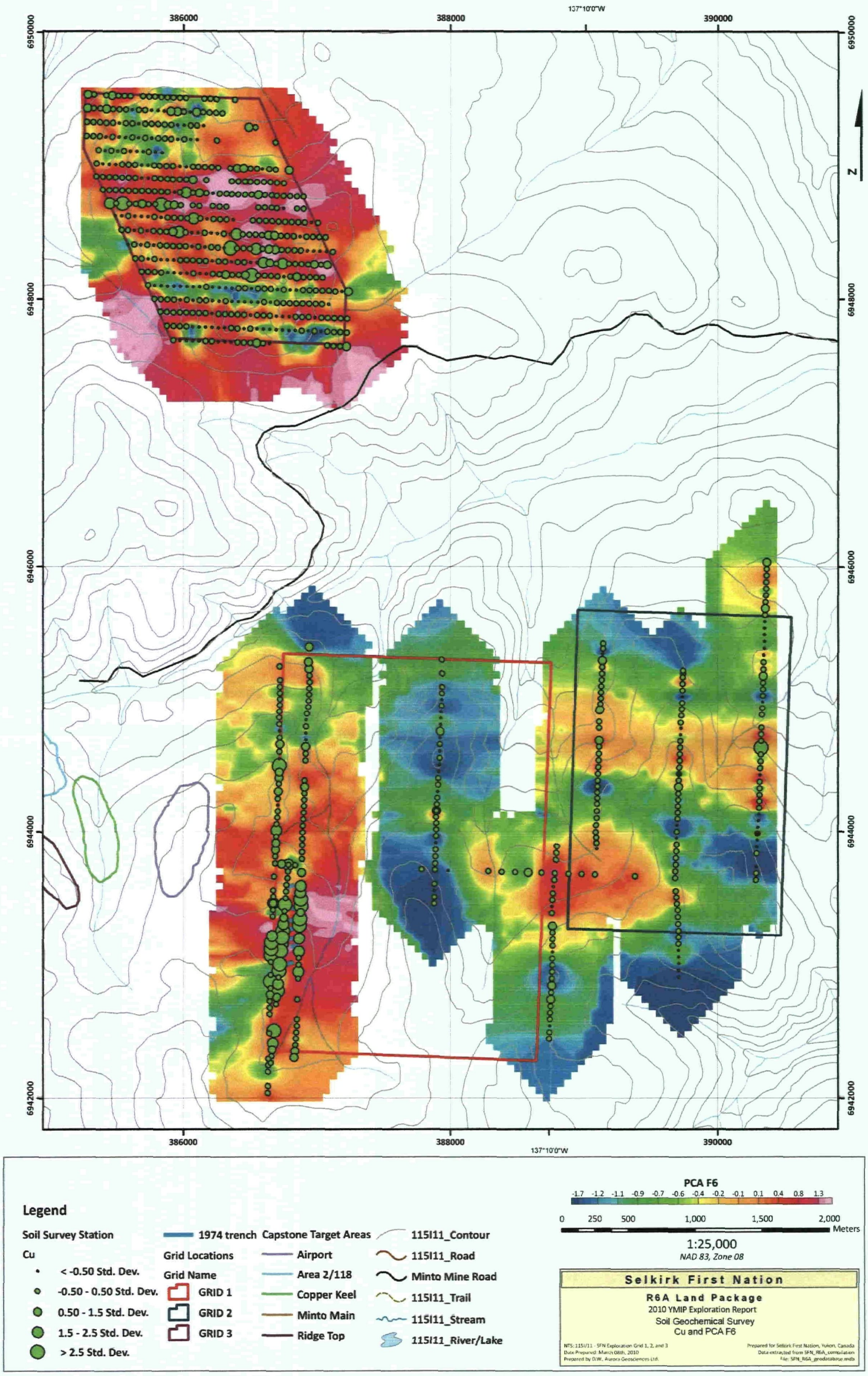
FIGURE 1. AU (PPM) AND PCA F8
FIGURE 2. AU (PPM) AND PCA F4
FIGURE 3. CU AND PCA F6
FIGURE 4. FE AND PCA F24
FIGURE 5. FE AND PCA F1
FIGURE 6. AG (PPM) AND PCA F5



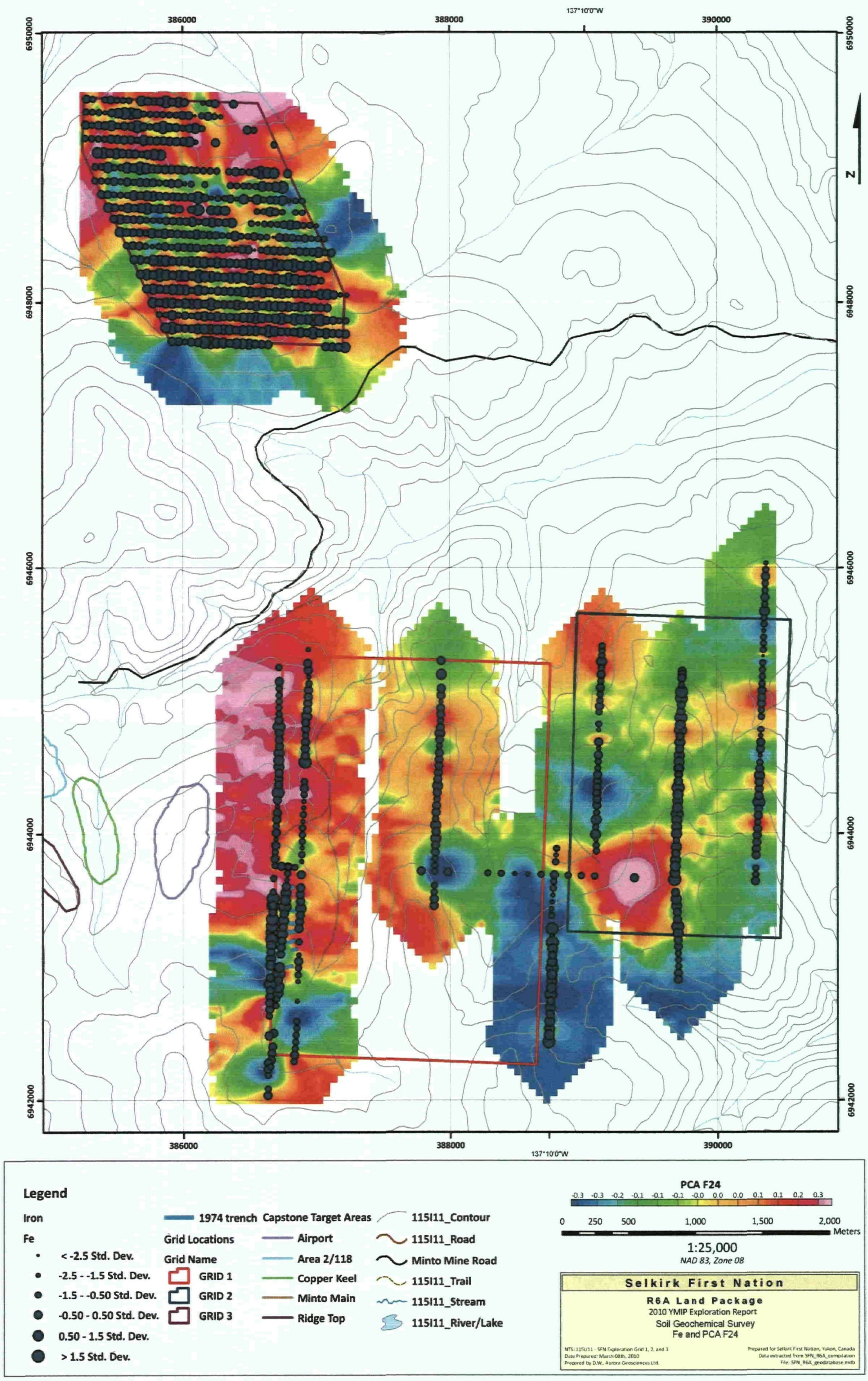
Appendix V Figure 1. Au (ppm) and PCA F8



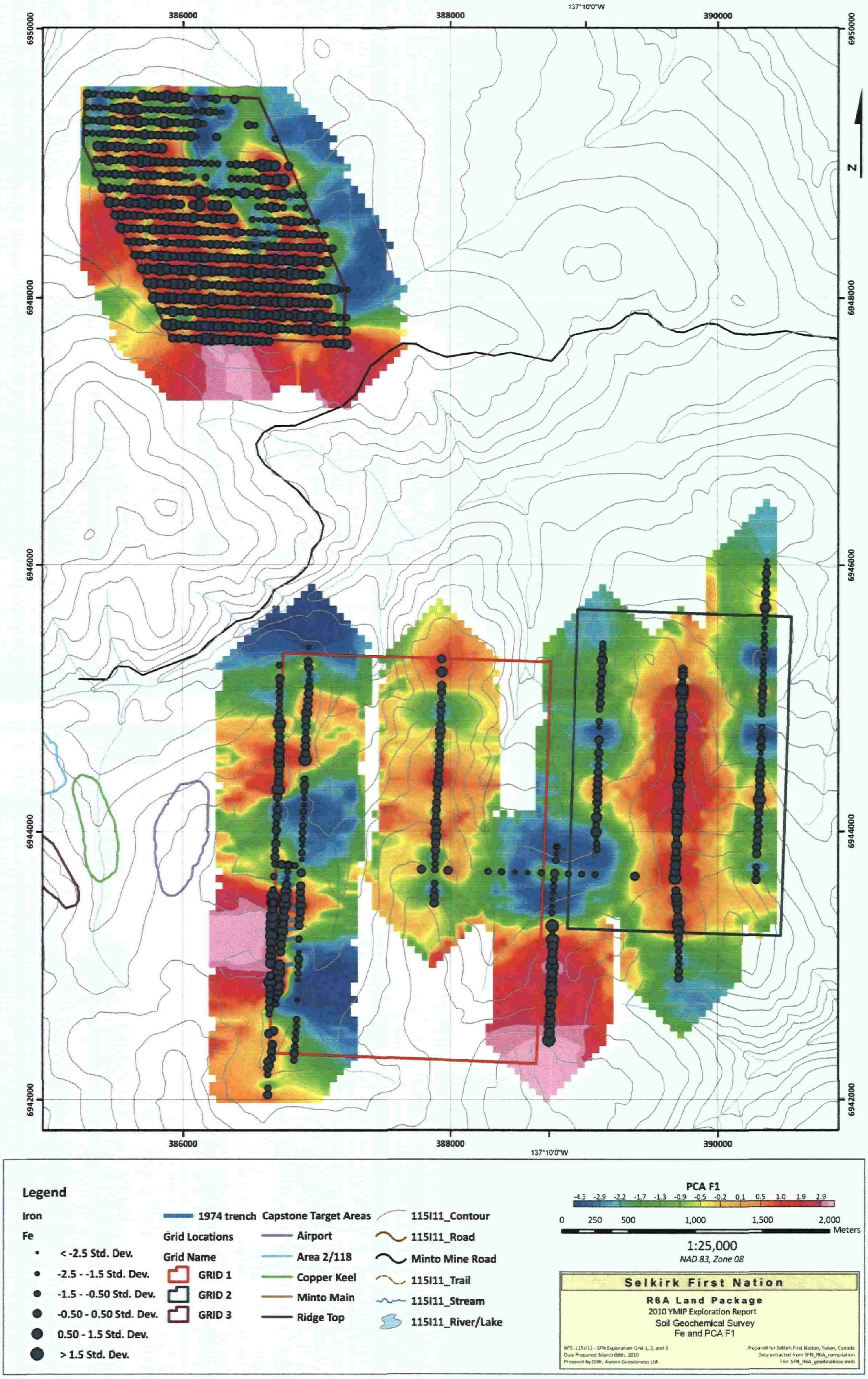
Appendix V Figure 2. Au (ppm) and PCA F4



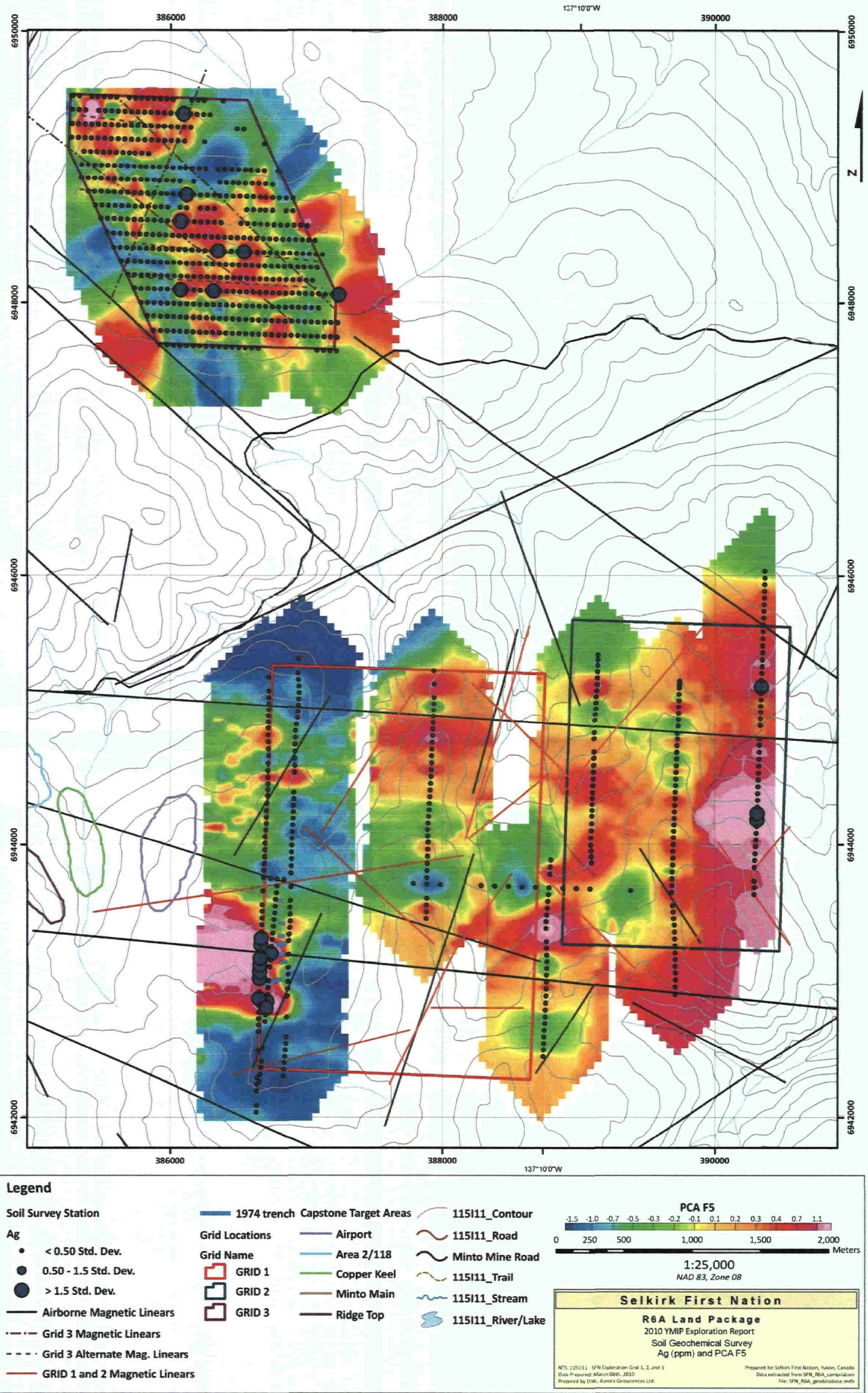
Appendix V Figure 3. Cu and PCA F6



Appendix V Figure 4. Fe and PCA F24



Appendix V Figure 5. Fe and PCA F1



Appendix V Figure 6. Ag (ppm) and PCA F5

Appendix VI

Geochemical Analysis Certificates

Eco Tech Laboratory Ltd.
2953 Shuswap Road
Kamloops, BC
V2H 1S9 Canada
Tel + 1 250 573 5700
Fax + 1 250 573 4557
Toll Free + 1 877 573 5755
www stewartgroupglobal com

StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AW 2009-8158

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

10-Dec-09

No. of samples received: 6
Sample Type: Rock
Project: SFN-9542-YT
Shipment #: 2
Submitted by: Mike Wark

ET #.	Tag #	Cu (%)
2	54256	1.12
4	54258	1.04
QC DATA:		
Repeat:		
2	54256	1.13
Standard:		
Cu120		1.52

NM/nw
XLS/09

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

7-Dec-09

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.stewartgroupglobal.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2009- 8158

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 6
Sample Type: Rock
Project: SFN-9542-YT
Shipment #: 2
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	54255	50	0.6	1.54	<5	165	<5	0.36	1	17	95	883	3.38	10	0.92	1126	<1	0.08	5	1070	8	<5	<20	31	0.18	<10	90	<10	7	130
2	54256	675	3.8	1.33	<5	55	<5	0.46	2	13	74	>10000	4.09	<10	0.84	552	<1	0.07	3	840	<2	<5	<20	32	0.13	<10	82	<10	4	70
3	54257	40	<0.2	1.65	<5	270	<5	0.53	<1	15	86	333	3.27	20	1.10	755	<1	0.08	5	1110	8	<5	<20	47	0.13	<10	79	<10	5	123
4	54258	565	2.4	1.39	<5	70	<5	0.36	2	11	70	>10000	3.53	10	0.70	537	<1	0.05	3	770	<2	<5	<20	31	0.11	<10	71	<10	4	80
5	54259	35	0.4	1.81	<5	585	<5	0.33	<1	16	92	399	2.97	10	0.92	657	<1	0.08	5	950	8	<5	<20	32	0.19	<10	87	<10	4	111
6	54260	15	<0.2	0.41	<5	165	<5	0.40	<1	3	114	45	0.91	<10	0.18	192	<1	0.08	5	390	6	<5	<20	56	0.03	<10	12	<10	1	18
QC DATA:																														
Repeat:																														
1	54255	50	0.8	1.66	<5	175	<5	0.34	1	15	91	875	3.25	10	0.91	1181	<1	0.07	4	1010	6	<5	<20	29	0.17	<10	91	<10	7	127
2	54256	655																												
4	54258	580																												
Resplit:																														
1	54255	60	0.6	1.64	<5	170	<5	0.33	1	15	86	841	3.46	10	0.90	1166	<1	0.07	4	990	6	<5	<20	29	0.17	<10	88	<10	6	125
Standard:																														
Pb129a			11.4	0.85	5	70	<5	0.45	55	6	11	1456	1.55	<10	0.65	369	2	0.04	5	430	6116	15	<20	34	0.03	<10	17	<10	2	9985
SF30		840																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/2_8158S
XLS/09

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

[redacted] 17-[redacted]-09 [redacted]

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.stewartgroupglobal.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2009- 0737

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 57
Sample Type: Soils
Project: SFN-9542-YT
Shipment #: 1
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L300 S0	10	<0.2	1.36	5	145	<5	0.51	2	14	25	19	3.10	20	0.61	334	<1	0.02	17	440	10	<5	<20	28	0.08	<10	86	<10	13	47
2	3-L300 S1	5	<0.2	1.67	10	230	<5	0.28	1	13	30	14	2.64	<10	0.60	190	1	0.01	23	380	12	<5	<20	24	0.06	<10	66	<10	1	49
3	3-L300 S2	10	<0.2	1.95	10	240	<5	0.38	2	15	29	15	3.54	<10	0.80	306	1	0.02	20	800	14	<5	<20	25	0.08	<10	91	<10	1	74
4	3-L300 S3	5	<0.2	1.66	10	190	<5	0.45	2	17	32	12	3.07	<10	0.65	331	1	0.02	21	710	14	<5	<20	25	0.08	<10	73	<10	2	64
5	3-L300 S4	<5	<0.2	1.56	5	215	<5	0.32	2	14	26	9	2.94	<10	0.58	260	1	0.02	18	910	12	<5	<20	22	0.06	<10	73	<10	2	53
6	3-L300 S5	<5	<0.2	2.01	10	170	<5	0.24	2	14	27	12	3.09	<10	0.70	266	2	0.02	19	690	14	<5	<20	24	0.07	<10	74	<10	1	69
7	3-L300 S6	5	<0.2	2.02	<5	180	<5	0.35	2	14	22	7	3.56	<10	0.64	278	1	0.02	14	1690	12	<5	<20	26	0.06	<10	78	<10	1	84
8	3-L300 S7	5	<0.2	1.86	10	125	<5	0.31	2	13	23	10	3.17	<10	0.67	279	1	0.02	14	600	12	<5	<20	37	0.07	<10	72	<10	1	68
9	3-L300 S8	5	<0.2	1.56	5	130	<5	0.27	1	12	28	10	2.70	<10	0.55	257	1	0.02	16	290	12	<5	<20	27	0.07	<10	70	<10	2	60
10	3-L300 S9	10	<0.2	2.07	10	200	<5	0.34	2	14	28	9	3.63	<10	0.70	357	1	0.02	17	900	12	<5	<20	46	0.10	<10	84	<10	1	71
11	3-L300 S10	5	<0.2	1.56	5	135	<5	0.24	1	12	25	8	2.72	<10	0.61	245	1	0.02	16	760	12	<5	<20	21	0.07	<10	68	<10	1	55
12	3-L300 S11	<5	<0.2	1.66	5	130	<5	0.27	1	14	25	11	2.85	<10	0.72	302	1	0.02	18	500	10	<5	<20	30	0.09	<10	73	<10	2	61
13	3-L300 S12	<5	<0.2	1.73	<5	260	<5	0.58	1	12	14	4	2.74	<10	0.71	419	<1	0.02	8	990	8	<5	<20	95	0.09	<10	63	<10	<1	81
14	3-L300 S13	5	<0.2	2.06	5	140	<5	0.18	2	14	21	7	3.02	<10	0.74	347	1	0.02	13	510	12	<5	<20	22	0.08	<10	79	<10	<1	79
15	3-L300 S14	5	<0.2	1.58	5	130	<5	0.21	1	12	23	8	2.85	<10	0.55	249	1	0.02	15	390	10	<5	<20	20	0.07	<10	77	<10	1	53
16	3-L300 S15	5	<0.2	1.82	<5	140	<5	0.27	1	15	19	6	2.89	<10	0.75	373	1	0.02	14	410	10	<5	<20	20	0.09	<10	76	<10	<1	77
17	3-L300 S16	5	<0.2	2.45	<5	130	<5	0.36	2	15	18	6	3.32	<10	0.92	503	1	0.02	12	600	12	<5	<20	70	0.07	<10	77	<10	1	103
18	3-L300 S17	<5	<0.2	1.56	<5	155	<5	0.27	1	12	23	10	2.99	<10	0.59	296	1	0.02	15	530	10	<5	<20	28	0.06	<10	75	<10	2	60
19	3-L300 S18	5	<0.2	1.97	<5	145	<5	0.25	2	13	20	6	3.25	<10	0.65	362	1	0.02	11	410	12	<5	<20	57	0.08	<10	80	<10	1	89
20	3-L300 S19	10	<0.2	1.95	10	240	<5	0.25	2	15	38	17	3.17	<10	0.60	342	2	0.02	25	350	16	<5	<20	21	0.07	<10	75	<10	2	62
21	3-L300 S20	5	<0.2	1.74	10	200	<5	0.26	2	13	29	13	3.06	<10	0.56	334	1	0.02	20	840	14	<5	<20	15	0.06	<10	75	<10	1	56
22	3-L300 S21	<5	<0.2	2.03	5	210	<5	0.24	2	17	26	11	3.30	<10	0.78	417	1	0.02	19	690	14	<5	<20	21	0.08	<10	81	<10	2	74
23	3-L300 S22	<5	<0.2	1.66	10	240	<5	0.30	1	14	32	11	2.86	<10	0.55	328	1	0.02	21	440	14	<5	<20	23	0.07	<10	73	<10	1	53
24	3-L300 S23	<5	<0.2	1.90	10	165	<5	0.19	2	14	35	14	3.08	<10	0.59	274	1	0.02	22	380	14	<5	<20	15	0.08	<10	75	<10	1	53
25	3-L300 S24	5	<0.2	1.84	10	240	<5	0.17	2	14	30	14	2.87	<10	0.55	250	2	0.02	20	380	14	<5	<20	14	0.06	<10	73	<10	1	46

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	3-L300 S25	5	<0.2	1.77	10	165	<5	0.17	2	14	28	13	2.89	<10	0.58	276	2	0.01	20	580	14	<5	<20	14	0.06	<10	74	<10	1	55
27	3-L300 S26	5	<0.2	1.63	10	265	<5	0.27	2	15	29	10	2.75	<10	0.56	276	1	0.01	22	610	14	<5	<20	20	0.06	<10	67	<10	1	51
28	3-L300 S27	15	<0.2	1.52	<5	230	<5	0.37	2	13	12	5	2.88	<10	0.88	423	<1	0.02	7	470	8	<5	<20	32	0.12	<10	76	<10	3	77
29	3-L130 S1	5	<0.2	1.40	5	250	<5	0.30	1	12	27	11	2.40	<10	0.52	225	1	0.02	17	220	10	<5	<20	20	0.06	<10	62	<10	2	37
30	3-L130 S2	5	<0.2	1.22	5	190	<5	0.22	1	10	23	9	2.13	<10	0.44	187	1	0.01	15	210	12	<5	<20	16	0.05	<10	56	<10	1	35
31	3-L130 S3	15	<0.2	2.04	5	205	<5	0.36	2	18	17	9	3.03	<10	1.13	497	1	0.02	16	1220	10	<5	<20	30	0.12	<10	76	<10	1	91
32	3-L130 S4	5	<0.2	1.02	5	105	<5	0.37	1	10	23	6	2.12	<10	0.60	217	1	0.02	19	510	8	<5	<20	25	0.07	<10	63	<10	2	33
33	3-L130 S5	5	<0.2	1.36	5	175	<5	0.21	1	12	24	11	2.42	<10	0.50	217	1	0.02	16	370	12	<5	<20	18	0.06	<10	60	<10	1	49
34	3-L130 S6	<5	<0.2	1.89	5	80	<5	0.27	2	13	23	10	3.19	<10	0.71	337	1	0.02	16	460	10	<5	<20	27	0.09	<10	80	<10	<1	62
35	3-L130 S7	5	<0.2	1.92	5	230	<5	0.44	2	16	19	10	2.96	<10	0.99	407	1	0.02	15	1180	12	<5	<20	50	0.10	<10	72	<10	1	81
36	3-L130 S8	10	<0.2	2.41	5	270	<5	0.72	3	25	20	9	4.34	<10	1.80	994	1	0.02	17	1620	14	<5	<20	36	0.13	<10	118	<10	3	139
37	3-L130 S9	5	<0.2	2.24	5	145	<5	0.42	2	16	19	7	3.09	<10	0.93	421	1	0.02	15	450	12	<5	<20	64	0.12	<10	80	<10	<1	82
38	3-L130 S10	10	<0.2	1.52	10	260	<5	0.40	1	12	29	12	2.61	<10	0.58	329	1	0.02	18	580	12	<5	<20	29	0.06	<10	66	<10	1	56
39	3-L130 S11	10	<0.2	1.57	10	155	<5	0.27	1	13	24	13	2.51	<10	0.55	212	1	0.02	19	410	14	<5	<20	24	0.05	<10	65	<10	2	50
40	3-L130 S12	<5	<0.2	1.69	5	120	<5	0.29	1	15	27	12	2.58	<10	0.62	246	1	0.01	21	840	12	<5	<20	22	0.09	<10	66	<10	1	69
41	3-L130 S13	5	<0.2	1.70	10	150	<5	0.31	2	13	27	13	3.01	<10	0.66	261	1	0.02	18	430	12	<5	<20	24	0.07	<10	74	<10	1	60
42	3-L130 S14	<5	<0.2	1.23	<5	130	<5	0.52	1	11	15	7	2.47	<10	0.66	276	<1	0.02	9	710	8	<5	<20	31	0.08	<10	63	<10	2	57
43	3-L130 S15	5	<0.2	1.65	<5	295	<5	0.48	2	14	14	7	2.78	<10	0.91	374	1	0.02	10	1130	10	<5	<20	44	0.09	<10	73	<10	1	76
44	3-L130 S16	10	<0.2	0.95	10	185	<5	0.58	1	15	20	15	2.12	<10	0.43	432	<1	0.02	15	780	10	<5	<20	27	0.03	<10	52	<10	4	39
45	3-L130 S17	10	<0.2	0.94	5	175	<5	0.60	<1	10	22	19	1.89	<10	0.42	217	<1	0.02	15	630	8	<5	<20	24	0.06	<10	51	<10	4	33
46	3-L130 S18	15	<0.2	1.16	<5	210	<5	0.48	1	12	24	14	2.20	<10	0.41	315	<1	0.02	13	720	8	<5	<20	27	0.06	<10	58	<10	4	40
47	3-L130 S19	5	<0.2	1.28	5	215	<5	0.71	1	15	23	19	2.30	<10	0.54	381	1	0.02	18	790	10	<5	<20	30	0.06	<10	55	<10	5	48
48	3-L130 S20	<5	<0.2	0.83	5	150	<5	0.54	1	12	24	20	1.94	<10	0.39	353	<1	0.02	19	1000	8	<5	<20	25	0.05	<10	50	<10	6	45
49	3-L130 S22	<5	<0.2	1.05	5	200	<5	0.95	<1	10	27	18	1.92	<10	0.39	227	<1	0.02	14	720	8	<5	<20	32	0.06	<10	52	<10	5	33
50	3-L130 S23	10	<0.2	1.38	10	405	<5	1.07	2	16	28	30	2.50	<10	0.55	502	1	0.02	28	580	12	<5	<20	31	0.04	<10	55	<10	12	54
51	3-L130 S24	10	<0.2	0.94	10	215	<5	0.74	1	13	27	28	2.42	<10	0.47	408	1	0.03	26	880	10	<5	<20	25	0.05	<10	51	<10	8	57
52	3-L130 S25	5	<0.2	1.19	10	280	<5	0.75	1	14	28	25	2.25	<10	0.51	441	1	0.02	26	750	10	<5	<20	26	0.05	<10	53	<10	8	47
53	3-L130 S26	10	<0.2	1.90	10	205	<5	0.21	1	13	35	18	3.01	<10	0.53	215	1	0.02	24	390	16	<5	<20	12	0.05	<10	76	<10	3	39
54	3-L130 S27	10	<0.2	2.07	<5	220	<5	0.47	2	19	16	6	4.19	<10	1.24	780	<1	0.02	8	930	12	<5	<20	47	0.17	<10	111	<10	2	107
55	3-L130 S28	5	<0.2	2.04	10	210	<5	0.24	2	15	29	10	3.39	<10	0.61	363	1	0.02	15	530	16	<5	<20	23	0.07	<10	86	<10	1	67
56	3-L130 S29	5	<0.2	1.99	10	190	<5	0.14	1	15	36	12	3.03	<10	0.51	263	2	0.02	21	280	16	<5	<20	11	0.06	<10	74	<10	1	49
57	3-L130 S31	10	<0.2	1.21	10	205	<5	0.64	1	13	31	27	2.58	<10	0.52	312	<1	0.02	24	830	10	<5	<20	31	0.06	<10	61	<10	7	55

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L300 S0	10	<0.2	1.38	5	145	<5	0.52	2	14	27	19	3.51	20	0.60	354	1	0.02	17	450	10	<5	<20	32	0.08	<10	95	<10	14	48
10	3-L300 S9	10	<0.2	1.98	10	195	<5	0.33	2	14	23	9	3.46	<10	0.76	349	1	0.02	17	940	12	<5	<20	43	0.09	<10	79	<10	1	68
19	3-L300 S18	5	<0.2	1.87	<5	140	<5	0.23	2	13	18	5	3.14	<10	0.66	345	1	0.02	11	390	12	<5	<20	50	0.07	<10	76	<10	1	86
28	3-L300 S27		<0.2	1.39	<5	215	<5	0.35	1	12	11	4	2.67	<10	0.83	397	<1	0.01	6	440	8	<5	<20	29	0.10	<10	66	<10	2	69
29	3-L130 S1	5																												
36	3-L130 S8	5	<0.2	2.56	5	275	<5	0.71	3	25	22	9	4.58	<10	1.76	997	1	0.02	17	1570	14	<5	<20	38	0.14	<10	124	<10	3	144
45	3-L130 S17	5	<0.2	0.92	5	175	<5	0.58	<1	10	23	18	1.87	<10	0.41	216	<1	0.02	15	630	8	<5	<20	25	0.05	<10	51	<10	4	33
54	3-L130 S27	5																												

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Till-3			1.5	1.00	80	40	<5	0.52	1	15	57	19	1.97	<10	0.62	293	<1	0.02	31	440	20	<5	<20	12	0.05	<10	36	<10	4	39
Till-3			1.4	1.14	80	45	<5	0.57	<1	15	62	21	2.08	<10	0.60	309	<1	0.03	32	440	22	<5	<20	14	0.06	<10	40	<10	5	42
OXE74		610																												
OXE74		625																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/2_708S
XLS/09

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Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2009- 0738

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 138
Sample Type: Soils
Project: SFN-9542-YT
Shipment #: 1
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L700 S0	15	<0.2	1.60	<5	295	<5	0.41	1	15	21	7	2.27	<10	0.54	499	1	0.02	13	800	12	<5	<20	23	0.09	<10	61	<10	2	55
2	3-L700 S1	5	<0.2	1.89	10	235	<5	0.34	2	13	28	13	2.71	<10	0.63	273	1	0.02	18	900	14	<5	<20	24	0.10	<10	72	<10	2	63
3	3-L700 S2	<5	<0.2	1.83	<5	120	<5	0.35	1	12	21	7	2.50	<10	0.54	250	<1	0.02	13	1070	12	<5	<20	20	0.09	<10	66	<10	1	71
4	3-L700 S3	<5	<0.2	1.84	10	190	<5	0.29	1	12	27	10	2.40	<10	0.53	270	1	0.02	15	560	14	<5	<20	22	0.09	<10	69	<10	1	63
5	3-L700 S4	<5	<0.2	1.23	<5	150	<5	0.46	1	9	20	8	1.79	<10	0 47	360	<1	0.02	11	430	10	<5	<20	46	0.07	<10	48	<10	3	56
6	3-L700 S5	<5	<0.2	1.61	5	220	<5	0.33	1	13	24	12	2.39	<10	0.58	338	1	0.02	15	570	12	<5	<20	20	0.09	<10	66	<10	2	64
7	3-L700 S6	10	<0.2	1.74	5	160	<5	0.32	1	12	23	10	2.53	<10	0.56	296	1	0.02	14	410	12	<5	<20	22	0.08	<10	70	<10	2	55
8	3-L700 S7	5	<0.2	1.49	10	135	<5	0.26	1	11	27	12	2.21	<10	0.49	221	1	0.02	15	360	12	<5	<20	16	0.08	<10	60	<10	2	47
9	3-L700 S8	<5	<0.2	2.06	10	200	<5	0.15	1	13	35	18	2.63	<10	0.54	235	2	0.02	20	250	14	<5	<20	15	0.08	<10	71	<10	2	52
10	3-L700 S9	15	<0.2	1.87	10	235	<5	0.23	1	13	33	20	2.49	<10	0.51	246	1	0.02	17	220	16	<5	<20	12	0.07	<10	67	<10	2	38
11	3-L700 S10	5	<0.2	1.80	10	150	<5	0.26	2	11	22	8	2.97	<10	0.61	277	1	0.02	12	2000	14	<5	<20	17	0.09	<10	91	<10	2	52
12	3-L700 S11	<5	<0.2	1.54	5	180	<5	0.33	1	13	21	12	2.67	10	0.73	355	<1	0.02	13	620	10	<5	<20	21	0.10	<10	71	<10	2	58
13	3-L700 S12	5	<0.2	1.23	<5	150	<5	0.41	1	10	14	7	2.31	<10	0.61	434	<1	0.02	7	630	8	<5	<20	29	0.10	<10	66	<10	2	53
14	3-L700 S13	5	<0.2	1.71	10	170	<5	0.29	1	13	23	11	2.65	<10	0.58	252	1	0.02	15	500	14	<5	<20	16	0.08	<10	70	<10	2	48
15	3-L700 S14	5	<0.2	1.64	5	190	<5	0.26	1	12	27	13	2.53	<10	0.53	289	1	0.02	14	320	12	<5	<20	18	0.08	<10	68	<10	2	43
16	3-L700 S15	5	<0.2	1.46	<5	160	<5	0.52	1	13	11	6	2.96	<10	0.85	621	<1	0.02	6	790	8	<5	<20	32	0.11	<10	79	<10	3	78
17	3-L700 S16 I/S	25	0.2	1.53	10	495	<5	1.92	1	22	20	64	1.90	40	0.37	1560	1	0.04	17	1040	18	<5	<20	96	0.03	<10	39	<10	24	58
18	3-L700 S17	15	<0.2	1.48	<5	160	<5	0.34	1	11	22	11	2.37	<10	0.47	321	<1	0.02	11	650	10	<5	<20	17	0.10	<10	67	<10	4	50
19	3-L700 S18	5	<0.2	1.45	5	155	<5	0.41	1	10	21	12	2.59	<10	0.54	343	<1	0.02	11	750	8	<5	<20	18	0.10	<10	70	<10	4	48
20	3-L700 S19	<5	<0.2	1.42	<5	155	<5	0.60	1	12	17	12	2.68	<10	0.65	505	<1	0.02	8	1120	8	<5	<20	24	0.11	<10	73	<10	5	66
21	3-L700 S20 I/S	25	0.2	0.53	<5	365	<5	0.97	<1	3	8	41	1.08	20	0.11	97	<1	0.04	10	1330	8	<5	<20	67	<0.01	<10	12	<10	16	24
22	3-L700 S21	5	<0.2	1.65	5	210	<5	0.61	1	11	24	21	2.36	20	0.52	290	1	0.02	14	840	10	<5	<20	30	0.08	<10	64	<10	6	53
23	3-L700 S22	<5	<0.2	1.59	<5	155	<5	0.46	1	12	15	26	2.82	20	0.69	411	<1	0.02	8	760	8	<5	<20	21	0.11	<10	79	<10	7	64
24	3-L700 S23	<5	<0.2	2.00	10	270	<5	0.22	1	15	36	29	2.77	20	0.51	267	1	0.02	32	410	16	<5	<20	13	0.08	<10	76	<10	4	57
25	3-L700 S24	<5	<0.2	2.22	10	270	<5	0.24	1	15	39	18	2.99	<10	0.50	284	2	0.02	25	400	16	<5	<20	15	0.08	<10	82	<10	2	49

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	3-L700 S25	<5	<0.2	1.90	10	190	<5	0.24	1	13	32	17	2.81	<10	0.57	302	1	0.02	19	360	14	<5	<20	16	0.08	<10	76	<10	2	51
27	3-L700 S26	15	<0.2	1.52	10	210	<5	0.34	1	12	27	20	2.42	<10	0.54	289	<1	0.02	18	550	14	<5	<20	19	0.08	<10	70	<10	5	48
28	3-L700 S27	5	<0.2	1.66	5	125	<5	0.18	1	11	24	10	2.58	<10	0.47	247	1	0.02	13	480	12	<5	<20	18	0.08	<10	75	<10	2	58
29	3-L700 S28	5	<0.2	1.74	5	135	<5	0.30	1	11	23	9	2.60	<10	0.59	305	1	0.02	13	470	12	<5	<20	23	0.09	<10	76	<10	2	62
30	3-L700 S29	5	<0.2	2.07	5	230	<5	0.39	1	14	25	9	2.95	<10	0.77	449	1	0.02	15	880	12	<5	<20	30	0.12	<10	83	<10	2	80
31	3-L700 S30	<5	<0.2	2.21	<5	185	<5	0.41	2	15	22	9	3.32	<10	0.95	544	1	0.02	13	940	14	<5	<20	38	0.13	<10	90	<10	2	89
32	3-L700 S31	<5	<0.2	1.34	<5	110	<5	0.33	<1	12	25	8	2.22	<10	0.43	510	1	0.02	12	240	12	<5	<20	20	0.08	<10	66	<10	2	46
33	3-L700 S32	<5	<0.2	1.43	5	150	<5	0.28	1	10	19	10	2.55	<10	0.51	241	<1	0.02	10	350	10	<5	<20	58	0.06	<10	66	<10	2	51
34	3-L900 S0	5	<0.2	2.05	<5	140	<5	0.33	1	13	19	5	2.77	<10	0.65	319	1	0.02	11	520	12	<5	<20	27	0.13	<10	78	<10	1	71
35	3-L900 S1	<5	<0.2	1.91	<5	165	<5	0.56	1	15	17	4	3.09	<10	0.91	472	<1	0.02	10	1420	10	<5	<20	40	0.15	<10	90	<10	2	85
36	3-L900 S2	15	<0.2	1.83	5	95	<5	0.24	1	10	25	11	2.55	<10	0.55	227	1	0.02	13	320	12	<5	<20	23	0.10	<10	74	<10	2	50
37	3-L900 S3	<5	<0.2	2.18	5	140	<5	0.29	1	14	29	9	2.81	<10	0.57	260	1	0.02	17	380	14	<5	<20	27	0.14	<10	78	<10	1	84
38	3-L900 S4	5	<0.2	1.92	5	165	<5	0.33	1	11	20	7	2.65	<10	0.60	333	1	0.02	12	490	10	<5	<20	26	0.11	<10	73	<10	1	71
39	3-L900 S5	5	<0.2	1.74	5	115	<5	0.26	1	9	26	9	2.34	<10	0.47	256	1	0.02	12	320	12	<5	<20	23	0.08	<10	68	<10	1	52
40	3-L900 S6	<5	<0.2	1.75	5	125	<5	0.26	1	11	24	15	2.45	<10	0.52	290	1	0.02	13	380	12	<5	<20	25	0.09	<10	69	<10	2	73
41	3-L900 S7	<5	<0.2	1.65	5	210	<5	0.34	1	10	19	8	2.17	<10	0.47	438	1	0.02	11	600	12	<5	<20	41	0.06	<10	57	<10	2	57
42	3-L900 S8	<5	<0.2	2.09	10	150	<5	0.29	1	13	27	15	2.83	<10	0.52	264	1	0.02	19	640	14	<5	<20	30	0.07	<10	77	<10	2	52
43	3-L900 S9	<5	<0.2	1.73	<5	190	<5	0.55	1	11	22	11	2.58	<10	0.61	392	<1	0.02	10	780	12	<5	<20	42	0.10	<10	79	<10	3	60
44	3-L900 S10	<5	<0.2	1.84	10	165	<5	0.29	1	12	27	11	2.84	<10	0.52	293	1	0.02	15	510	14	<5	<20	20	0.08	<10	78	<10	2	46
45	3-L900 S11	5	<0.2	1.26	5	100	<5	0.32	1	9	20	13	2.59	<10	0.46	260	<1	0.02	9	620	8	<5	<20	19	0.10	<10	81	<10	2	42
46	3-L900 S12	25	0.4	2.78	10	425	<5	0.93	2	17	34	50	3.41	20	0.59	452	2	0.04	22	930	24	<5	<20	61	0.08	<10	76	<10	9	75
47	3-L900 S13	<5	<0.2	1.27	5	90	<5	0.31	<1	8	15	11	2.06	<10	0.38	220	<1	0.02	8	1080	8	<5	<20	24	0.07	<10	56	<10	2	42
48	3-L900 S14	<5	<0.2	1.67	<5	145	<5	0.33	1	10	16	8	2.56	<10	0.55	328	<1	0.02	8	920	12	<5	<20	22	0.10	<10	72	<10	2	52
49	3-L900 S15	5	<0.2	1.83	10	130	<5	0.13	1	11	32	11	3.13	<10	0.35	240	1	0.02	12	460	16	<5	<20	10	0.09	<10	93	<10	1	40
50	3-L900 S16	5	<0.2	2.06	10	130	<5	0.18	1	11	32	16	2.69	<10	0.55	279	1	0.02	16	310	14	<5	<20	18	0.09	<10	77	<10	2	46
51	3-L900 S17	5	<0.2	1.93	10	175	<5	0.22	1	12	31	13	2.77	<10	0.48	290	2	0.02	17	380	14	<5	<20	14	0.07	<10	76	<10	3	42
52	3-L900 S18	5	<0.2	1.72	<5	170	<5	0.64	1	12	13	7	3.17	10	0.84	452	<1	0.02	6	1380	8	<5	<20	43	0.13	<10	85	<10	3	92
53	3-L900 S19 N/S																													
54	3-L900 S20 N/S																													
55	3-L900 S21	15	<0.2	1.16	5	160	<5	0.48	1	8	25	18	2.22	10	0.37	230	<1	0.02	12	880	8	<5	<20	22	0.07	<10	65	<10	6	39
56	3-L900 S22	5	<0.2	1.04	5	175	<5	0.48	<1	8	19	16	1.66	<10	0.32	232	<1	0.02	11	690	8	<5	<20	21	0.07	<10	52	<10	5	31
57	3-L900 S23	10	<0.2	1.39	10	180	<5	0.32	<1	9	28	21	2.29	<10	0.41	217	<1	0.02	15	270	10	<5	<20	16	0.07	<10	67	<10	4	38
58	3-L900 S24	<5	<0.2	1.14	5	165	<5	0.48	<1	9	21	19	2.25	<10	0.45	295	<1	0.02	12	630	10	<5	<20	29	0.08	<10	66	<10	6	46
59	3-L900 S25	<5	<0.2	1.81	10	180	<5	0.16	1	12	29	12	2.34	<10	0.52	235	1	0.02	16	270	12	<5	<20	14	0.09	<10	69	<10	2	51
60	3-L900 S26	<5	<0.2	1.99	10	200	<5	0.16	1	14	34	17	2.92	<10	0.50	295	1	0.02	21	440	16	<5	<20	12	0.08	<10	82	<10	2	46
61	3-L900 S27	<5	<0.2	1.89	10	145	<5	0.31	2	15	23	11	3.33	<10	0.83	385	1	0.02	16	1630	12	<5	<20	21	0.11	<10	95	<10	2	68
62	3-L900 S28	<5	<0.2	1.84	10	170	<5	0.23	1	12	28	13	2.80	<10	0.58	251	<1	0.02	18	460	12	<5	<20	18	0.08	<10	78	<10	2	45
63	3-L900 S29	5	<0.2	1.49	5	200	<5	0.28	1	13	28	22	2.40	10	0.51	237	1	0.02	18	260	8	<5	<20	20	0.08	<10	56	<10	7	32
64	3-L900 S30	5	<0.2	1.58	5	95	<5	0.21	<1	7	16	7	2.16	<10	0.45	208	1	0.01	7	270	10	<5	<20	19	0.03	<10	60	<10	1	39
65	3-L900 S31	15	<0.2	1.18	5	155	<5	0.39	<1	10	21	24	1.74	20	0.40	432	<1	0.02	10	500	12	<5	<20	22	0.05	<10	51	<10	8	29

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	3-L0 S0	5	<0.2	1.79	5	70	<5	0.33	1	11	20	11	2.46	10	0.64	318	<1	0.02	11	550	10	<5	<20	46	0.11	<10	73	<10	3	61
67	3-L0 S1	5	<0.2	2.10	<5	150	<5	0.45	1	13	20	9	2.64	<10	0.72	387	<1	0.02	11	930	12	<5	<20	53	0.11	<10	69	<10	2	91
68	3-L0 S2	5	<0.2	1.68	<5	175	<5	0.41	1	11	20	6	2.31	<10	0.53	371	<1	0.02	11	670	10	<5	<20	44	0.09	<10	62	<10	2	73
69	3-L0 S3	5	<0.2	1.68	<5	245	<5	0.48	1	12	15	5	2.51	<10	0.65	387	<1	0.02	9	880	10	<5	<20	67	0.11	<10	64	<10	2	81
70	3-L0 S4	<5	<0.2	1.72	<5	185	<5	0.45	1	13	13	4	2.77	<10	0.80	422	<1	0.02	7	1160	8	<5	<20	35	0.13	<10	71	<10	1	100
71	3-L0 S5	5	<0.2	2.52	5	165	<5	0.45	2	14	28	10	3.66	<10	0.74	382	1	0.02	15	780	12	<5	<20	34	0.14	<10	101	<10	2	97
72	3-L0 S6	5	<0.2	2.59	10	130	<5	0.28	2	16	26	14	3.88	<10	0.96	503	2	0.02	18	730	12	<5	<20	17	0.17	<10	107	<10	2	105
73	3-L0 S7	<5	<0.2	1.95	<5	200	<5	0.44	2	15	17	7	3.56	<10	0.82	707	1	0.02	11	860	6	<5	<20	29	0.15	<10	89	<10	2	98
74	3-L0 S8	<5	<0.2	2.36	<5	170	<5	0.50	2	15	18	7	3.41	<10	0.93	520	1	0.02	12	980	8	<5	<20	48	0.16	<10	87	<10	2	89
75	3-L0 S9	<5	<0.2	1.78	<5	205	<5	0.43	1	14	16	8	3.01	<10	0.81	583	1	0.02	10	900	6	<5	<20	41	0.14	<10	74	<10	2	79
76	3-L0 S10	<5	<0.2	2.31	10	120	<5	0.30	2	13	25	11	3.07	<10	0.72	292	2	0.02	15	600	10	<5	<20	21	0.11	<10	83	<10	3	71
77	3-L0 S11	<5	<0.2	2.31	5	195	<5	0.33	2	14	25	13	3.11	<10	0.72	336	1	0.02	15	870	10	<5	<20	20	0.12	<10	83	<10	2	84
78	3-L0 S12	<5	<0.2	2.58	10	155	<5	0.37	2	15	33	17	3.34	<10	0.78	353	2	0.02	21	820	12	<5	<20	29	0.12	<10	90	<10	2	78
79	3-L0 S13	5	<0.2	1.86	10	165	<5	0.29	1	11	28	34	2.57	<10	0.50	285	2	0.02	16	370	12	<5	<20	16	0.07	<10	74	<10	2	56
80	3-L0 S14	<5	<0.2	2.03	5	165	<5	0.43	1	14	22	11	2.96	<10	0.81	420	1	0.02	14	1090	8	<5	<20	23	0.11	<10	80	<10	2	72
81	3-L0 S15	<5	<0.2	2.08	5	160	<5	0.36	1	15	20	8	3.00	<10	1.01	490	1	0.02	13	900	8	<5	<20	15	0.14	<10	82	<10	2	80
82	3-L0 S24	<5	<0.2	1.67	5	140	<5	0.25	1	13	27	10	2.49	<10	0.47	310	1	0.02	15	460	10	<5	<20	15	0.08	<10	72	<10	2	50
83	3-L0 S25	<5	<0.2	1.98	5	195	<5	0.18	1	13	31	11	2.91	<10	0.57	335	2	0.02	17	340	10	<5	<20	13	0.10	<10	79	<10	2	66
84	3-L0 S26	5	<0.2	1.79	10	190	<5	0.43	1	11	30	13	2.46	<10	0.55	223	1	0.02	18	390	10	<5	<20	21	0.08	<10	69	<10	3	51
85	3-L0 S27	5	<0.2	2.74	10	280	<5	0.29	2	16	44	31	3.27	10	0.71	305	2	0.02	27	250	16	<5	<20	18	0.09	<10	90	<10	5	54
86	3-L600 S0	<5	<0.2	1.83	<5	185	<5	0.52	1	12	23	13	2.47	<10	0.53	453	1	0.02	12	810	10	<5	<20	40	0.09	<10	67	<10	3	63
87	3-L600 S1	<5	<0.2	1.94	<5	180	<5	0.49	1	12	23	15	2.83	<10	0.70	336	1	0.02	13	750	10	<5	<20	35	0.08	<10	70	<10	2	71
88	3-L600 S2	5	<0.2	1.62	<5	270	<5	0.51	1	12	23	6	2.24	<10	0.51	390	1	0.02	12	420	10	<5	<20	49	0.09	<10	62	<10	3	70
89	3-L600 S3	5	<0.2	2.20	<5	215	<5	0.51	1	14	22	16	3.02	<10	0.67	347	1	0.02	13	850	10	<5	<20	34	0.13	<10	77	<10	2	96
90	3-L600 S4	5	<0.2	2.29	<5	190	<5	0.53	2	16	21	7	3.50	<10	0.78	581	1	0.02	13	1040	8	<5	<20	35	0.14	<10	86	<10	2	102
91	3-L600 S5	<5	<0.2	2.13	<5	170	<5	0.72	2	15	16	6	3.07	<10	0.80	685	1	0.02	8	610	6	<5	<20	75	0.12	<10	76	<10	2	73
92	3-L600 S6	<5	<0.2	1.83	<5	205	<5	0.47	1	14	20	6	2.78	<10	0.63	534	1	0.02	12	1120	8	<5	<20	29	0.12	<10	70	<10	2	63
93	3-L600 S7	<5	<0.2	1.99	5	235	<5	0.38	1	14	26	15	2.87	<10	0.79	295	1	0.02	18	530	10	<5	<20	23	0.10	<10	79	<10	3	59
94	3-L600 S8	5	<0.2	2.17	5	155	<5	0.25	2	15	29	11	2.86	<10	0.57	297	2	0.02	15	370	12	<5	<20	17	0.12	<10	84	<10	2	80
95	3-L600 S9	5	<0.2	2.28	<5	135	<5	0.33	2	15	22	10	3.48	<10	0.68	418	1	0.02	13	440	10	<5	<20	31	0.15	<10	94	<10	1	108
96	3-L600 S10	5	<0.2	2.48	10	170	<5	0.20	2	15	34	17	3.23	<10	0.61	281	2	0.02	20	380	14	<5	<20	15	0.09	<10	88	<10	2	58
97	3-L600 S11	5	<0.2	1.94	5	150	<5	0.20	2	15	27	10	3.02	<10	0.48	291	1	0.02	14	360	14	<5	<20	11	0.10	<10	84	<10	2	72
98	3-L600 S12	15	<0.2	1.51	5	165	<5	0.20	1	11	21	9	2.62	<10	0.48	273	1	0.02	12	320	8	<5	<20	15	0.10	<10	74	<10	2	45
99	3-L600 S13	5	<0.2	2.09	10	210	<5	0.35	2	13	29	13	3.05	<10	0.57	316	2	0.02	19	880	10	<5	<20	21	0.08	<10	76	<10	2	41
100	3-L600 S14	5	<0.2	2.13	10	190	<5	0.21	2	13	31	13	2.94	<10	0.51	240	2	0.02	16	230	12	<5	<20	15	0.08	<10	76	<10	2	41
101	3-L600 S15	<5	<0.2	1.72	5	145	<5	0.24	1	11	20	9	2.76	<10	0.53	279	1	0.02	11	380	8	<5	<20	12	0.09	<10	71	<10	2	43
102	3-L600 S16	<5	<0.2	1.55	<5	115	<5	0.39	1	11	15	10	2.77	<10	0.58	366	<1	0.02	7	760	4	<5	<20	17	0.12	<10	72	<10	2	52
103	3-L600 S17	5	<0.2	1.70	5	145	<5	0.30	1	13	23	12	2.69	<10	0.57	244	1	0.02	15	560	8	<5	<20	14	0.08	<10	67	<10	3	41
104	3-L600 S18	5	<0.2	1.77	<5	195	<5	0.36	2	16	13	7	3.36	<10	1.06	592	1	0.02	7	980	6	<5	<20	13	0.17	<10	90	<10	3	84
105	3-L600 S19	<5	<0.2	1.80	<5	130	<5	0.28	2	12	14	6	3.31	<10	0.71	417	1	0.02	7	420	6	<5	<20	14	0.13	<10	88	<10	2	62

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	3-L600 S20	5	<0.2	1.60	5	210	<5	0.45	1	11	19	41	2.94	10	0.61	422	1	0.02	12	580	8	<5	<20	24	0.12	<10	83	<10	7	52
107	3-L600 S21	<5	<0.2	1.97	5	180	<5	0.42	2	14	24	26	3.42	10	0.81	484	2	0.02	10	730	10	<5	<20	21	0.14	<10	93	<10	4	66
108	3-L600 S22	<5	<0.2	2.33	15	230	<5	0.22	2	15	36	15	3.94	<10	0.57	296	2	0.02	17	610	14	<5	<20	13	0.10	<10	110	<10	2	45
109	3-L600 S23	<5	<0.2	2.23	10	285	<5	0.24	2	15	36	41	3.32	<10	0.57	330	2	0.02	18	590	16	<5	<20	13	0.08	<10	89	<10	3	48
110	3-L600 S24	<5	<0.2	2.03	10	195	<5	0.22	2	15	32	25	3.02	<10	0.53	293	2	0.02	19	390	12	<5	<20	13	0.09	<10	83	<10	2	54
111	3-L600 S25	10	<0.2	1.92	5	255	<5	0.32	2	14	26	19	3.91	<10	0.67	386	1	0.02	15	1640	10	<5	<20	18	0.11	<10	94	<10	2	70
112	3-L600 S26	<5	<0.2	1.86	5	160	<5	0.28	1	13	28	21	2.89	<10	0.58	294	1	0.02	18	570	10	<5	<20	19	0.09	<10	75	<10	2	57
113	3-L600 S27	5	<0.2	1.77	5	145	<5	0.43	2	12	23	14	3.12	<10	0.60	322	1	0.02	13	420	8	<5	<20	66	0.09	<10	79	<10	3	57
114	3-L600 S28	<5	<0.2	2.45	10	115	<5	0.44	2	15	28	26	3.52	<10	0.75	361	2	0.02	19	1060	12	<5	<20	38	0.11	<10	84	<10	2	77
115	3-L600 S29	<5	<0.2	1.33	5	130	<5	0.45	1	10	25	21	2.38	10	0.54	333	<1	0.02	16	630	6	<5	<20	25	0.10	<10	61	<10	5	40
116	3-L600 S30	<5	<0.2	1.35	5	155	<5	0.40	1	10	21	34	3.24	<10	0.56	301	<1	0.02	11	460	6	<5	<20	27	0.10	<10	89	<10	4	46
117	3-L600 S31 N/S																													
118	3-L600 S32 N/S																													
119	3-L1000 S0	<5	<0.2	2.20	5	215	<5	0.40	2	17	29	42	3.23	<10	0.59	333	2	0.02	16	680	12	<5	<20	25	0.13	<10	87	<10	2	80
120	3-L1000 S1	<5	<0.2	1.73	5	160	<5	0.23	1	12	31	19	2.93	<10	0.50	237	1	0.02	17	260	10	<5	<20	15	0.10	<10	76	<10	2	47
121	3-L1000 S2	<5	<0.2	1.41	<5	225	<5	0.32	1	10	24	67	2.42	<10	0.39	236	1	0.02	13	500	8	<5	<20	19	0.08	<10	65	<10	2	42
122	3-L1000 S3	<5	<0.2	2.01	10	280	<5	0.31	2	15	31	14	3.07	<10	0.55	304	2	0.02	19	750	14	<5	<20	18	0.08	<10	80	<10	2	50
123	3-L1000 S4	<5	<0.2	2.16	10	350	<5	0.29	2	16	32	15	3.00	<10	0.60	331	1	0.02	21	470	14	<5	<20	17	0.08	<10	80	<10	2	58
124	3-L1000 S5	<5	<0.2	2.25	10	245	<5	0.29	2	15	36	37	3.05	<10	0.56	287	1	0.02	23	470	14	<5	<20	15	0.08	<10	82	<10	2	51
125	3-L1000 S6	<5	<0.2	2.60	5	180	<5	0.29	2	16	29	24	3.60	<10	0.74	342	2	0.02	17	830	14	<5	<20	20	0.13	<10	94	<10	2	78
126	3-L1000 S7	<5	<0.2	2.04	5	200	<5	0.22	2	14	28	19	2.93	<10	0.51	248	2	0.02	14	540	12	<5	<20	16	0.10	<10	81	<10	2	66
127	3-L1000 S8	<5	<0.2	2.53	10	185	<5	0.17	2	14	37	65	3.12	<10	0.60	275	2	0.02	22	430	16	<5	<20	12	0.09	<10	88	<10	2	68
128	3-L1000 S9	<5	<0.2	1.72	10	170	<5	0.31	1	11	28	39	2.59	<10	0.52	223	1	0.02	16	400	10	<5	<20	18	0.07	<10	71	<10	2	39
129	3-L1000 S10	<5	<0.2	1.81	10	130	<5	0.35	2	13	24	27	3.02	<10	0.49	290	1	0.02	12	760	8	<5	<20	23	0.10	<10	82	<10	2	41
130	3-L1000 S11	<5	<0.2	1.35	<5	125	<5	0.57	1	11	22	22	2.99	<10	0.44	341	<1	0.02	10	680	4	<5	<20	31	0.09	<10	83	<10	4	38
131	3-L1000 S12 N/S																													
132	3-L1000 S13	<5	<0.2	1.55	5	155	<5	0.53	1	11	27	15	2.67	<10	0.53	292	1	0.02	13	770	6	<5	<20	26	0.11	<10	69	<10	5	52
133	3-L1000 S14	<5	<0.2	2.23	10	190	<5	0.44	2	15	30	24	3.95	<10	0.52	476	2	0.02	13	640	10	<5	<20	24	0.11	<10	98	<10	4	57
134	3-L1000 S15 N/S																													
135	3-L1000 S16	<5	<0.2	2.01	10	100	<5	0.26	1	12	23	10	3.44	<10	0.62	338	1	0.02	11	560	8	<5	<20	18	0.13	<10	95	<10	2	52
136	3-L1000 S17	<5	<0.2	2.23	10	135	<5	0.16	2	13	34	14	3.30	<10	0.49	253	2	0.02	17	520	14	<5	<20	12	0.10	<10	88	<10	2	44
137	3-L1000 S18	<5	<0.2	1.66	<5	80	<5	0.46	1	11	12	20	3.13	<10	0.66	424	1	0.02	5	440	6	<5	<20	36	0.11	<10	82	<10	3	72
138	3-L1000 S19 N/S																													
139	3-L1000 S20 N/S																													
140	3-L1000 S21 N/S																													
141	3-L1000 S22 N/S																													
142	3-L1000 S23	5	<0.2	1.22	5	150	<5	0.45	<1	9	23	11	2.13	<10	0.40	224	1	0.02	11	400	6	<5	<20	16	0.09	<10	66	<10	3	31
143	3-L1000 S24		<0.2	1.32	5	165	<5	0.44	1	12	25	19	2.42	<10	0.45	352	2	0.02	15	420	6	<5	<20	19	0.08	<10	68	<10	4	37
144	3-L1000 S25	<5	<0.2	1.83	10	145	<5	0.21	2	12	31	10	3.23	<10	0.49	245	2	0.02	15	460	12	<5	<20	14	0.09	<10	88	<10	2	40
145	3-L1000 S26	5	<0.2	1.87	5	145	<5	0.36	1	11	27	16	2.77	<10	0.62	233	<1	0.02	17	460	10	<5	<20	19	0.10	<10	73	<10	4	43

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	3-L1000 S27	<5	<0.2	1.41	10	125	<5	0.24	1	9	22	9	2.08	<10	0.42	157	1	0.02	12	270	8	<5	<20	15	0.09	<10	65	<10	2	30
147	3-L1000 S28 N/S																													
148	3-L1000 S29	5	<0.2	1.13	5	115	<5	0.42	1	10	24	15	2.40	<10	0.43	235	1	0.02	15	680	4	<5	<20	20	0.09	<10	65	<10	4	44
149	3-L1000 S30	5	<0.2	1.34	10	130	<5	0.31	1	9	23	13	2.40	<10	0.41	209	1	0.02	14	510	6	<5	<20	18	0.09	<10	66	<10	3	40
150	3-L1000 S31 N/S																													
QC DATA:																														
Repeat:																														
1	3-L700 S0	5	<0.2	1.54	<5	275	<5	0.39	1	14	21	6	2.26	<10	0.50	485	<1	0.02	12	770	12	<5	<20	22	0.09	<10	62	<10	2	53
10	3-L700 S9		<0.2	1.97	10	240	<5	0.24	1	13	38	20	2.68	<10	0.49	264	1	0.02	18	220	16	<5	<20	14	0.08	<10	74	<10	2	40
19	3-L700 S18	5	<0.2	1.55	5	165	<5	0.43	1	13	24	15	2.66	10	0.58	351	<1	0.02	13	730	10	<5	<20	22	0.12	<10	76	<10	4	53
28	3-L700 S27	5	<0.2	1.73	5	135	<5	0.19	1	11	27	15	2.70	<10	0.50	275	1	0.02	14	490	12	<5	<20	16	0.10	<10	80	<10	2	62
36	3-L900 S2	5	<0.2	1.97	5	100	<5	0.23	1	11	28	10	2.78	<10	0.53	241	1	0.02	14	290	12	<5	<20	22	0.11	<10	79	<10	2	52
45	3-L900 S11	<5	<0.2	1.29	5	100	<5	0.31	1	9	21	10	2.55	<10	0.45	264	<1	0.02	9	590	10	<5	<20	20	0.10	<10	80	<10	2	42
55	3-L900 S21	5	<0.2	1.21	5	165	<5	0.50	<1	9	26	17	2.31	10	0.38	239	<1	0.02	12	900	8	<5	<20	26	0.08	<10	68	<10	6	40
63	3-L900 S29		<0.2	1.36	5	195	<5	0.26	<1	11	27	19	2.26	10	0.48	238	<1	0.02	15	280	10	<5	<20	19	0.07	<10	61	<10	6	36
66	3-L0 S0	<5																												
71	3-L0 S5		<0.2	2.40	5	155	<5	0.43	2	13	24	12	3.54	<10	0.72	376	2	0.02	14	740	10	<5	<20	30	0.12	<10	97	<10	2	95
72	3-L0 S6	5																												
80	3-L0 S14	<5	<0.2	2.17	5	170	<5	0.46	2	14	23	14	3.08	<10	0.85	446	2	0.02	15	1170	10	<5	<20	26	0.12	<10	84	<10	2	76
89	3-L600 S3		<0.2	2.19	<5	220	<5	0.51	2	15	21	6	2.95	<10	0.71	340	1	0.02	13	850	10	<5	<20	33	0.13	<10	75	<10	2	95
90	3-L600 S4	<5																												
98	3-L600 S12	5	<0.2	1.60	5	165	<5	0.20	1	12	23	9	2.83	<10	0.48	307	1	0.02	12	310	10	<5	<20	17	0.10	<10	78	<10	2	46
106	3-L600 S20		<0.2	1.61	5	215	<5	0.45	1	11	19	14	2.92	10	0.62	414	1	0.02	12	570	6	<5	<20	24	0.11	<10	83	<10	7	52
109	3-L600 S23	<5																												
115	3-L600 S29	<5	<0.2	1.32	5	130	<5	0.43	1	11	23	29	2.31	10	0.56	330	1	0.02	16	620	6	<5	<20	27	0.10	<10	59	<10	5	40
124	3-L1000 S5		<0.2	2.26	10	250	<5	0.29	2	16	35	21	3.07	<10	0.58	291	2	0.02	24	470	14	<5	<20	15	0.08	<10	82	<10	2	51
128	3-L1000 S9	<5																												
133	3-L1000 S14		<0.2	2.05	10	185	<5	0.43	2	15	24	15	3.71	<10	0.56	453	2	0.02	13	680	8	<5	<20	22	0.10	<10	89	<10	4	54
136	3-L1000 S17	<5																												
142	3-L1000 S23		<0.2	1.25	5	150	<5	0.47	<1	8	24	11	2.34	<10	0.38	245	1	0.02	12	400	6	<5	<20	17	0.09	<10	69	<10	4	32
143	3-L1000 S24	<5																												
Standard:																														
Till-3			1.4	1.11	85	40	<5	0.56	<1	14	62	22	1.99	10	0.59	314	<1	0.03	29	460	22	<5	<20	14	0.08	<10	38	<10	6	39
Till-3			1.5	0.98	85	35	<5	0.49	<1	12	57	21	1.97	10	0.58	298	<1	0.03	26	440	20	<5	<20	12	0.07	<10	36	<10	5	39
Till-3			1.4	1.01	90	45	<5	0.54	1	16	66	23	2.02	10	0.60	308	1	0.03	34	430	18	<5	<20	14	0.07	<10	40	<10	7	41
Till-3			1.5	1.03	90	40	<5	0.50	1	15	61	24	2.04	10	0.56	312	1	0.03	32	450	20	<5	<20	13	0.08	<10	41	<10	6	40
Till-3			1.6	1.11	85	40	<5	0.53	1	16	61	23	2.03	10	0.56	301	1	0.04	32	430	22	<5	<20	14	0.07	<10	36	<10	6	40
SF30		830																												
SF30		815																												
SF30		840																												
OXE74		625																												
OXE74		615																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/2_738S/2_738BS
XLS/09

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ICP CERTIFICATE OF ANALYSIS AK 2009- 0739

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 150
Sample Type: Soils
Project: SFN-9542-YT
Shipment #: 1
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L1100 S0	10	<0.2	1.58	15	255	<5	0.31	<1	11	29	22	2.67	<10	0.53	198	2	0.02	23	300	10	<5	<20	18	0.06	<10	64	<10	4	45
2	3-L1100 S1	10	<0.2	1.31	10	245	<5	0.27	<1	12	29	15	2.54	<10	0.54	291	1	0.02	19	800	6	<5	<20	16	0.10	<10	65	<10	3	57
3	3-L1100 S2	10	<0.2	1.16	<5	130	<5	0.33	<1	10	18	10	2.34	<10	0.58	280	1	0.02	10	510	2	<5	<20	25	0.11	<10	66	<10	4	42
4	3-L1100 S3	5	<0.2	1.42	5	235	<5	0.30	<1	11	24	13	2.37	<10	0.41	201	1	0.02	15	480	8	<5	<20	21	0.09	<10	65	<10	4	38
5	3-L1100 S4	5	<0.2	1.54	5	195	<5	0.33	<1	12	24	11	2.43	<10	0.48	238	1	0.02	13	440	8	<5	<20	31	0.08	<10	63	<10	4	56
6	3-L1100 S5	5	<0.2	2.01	10	240	<5	0.30	<1	15	26	18	3.30	<10	0.62	327	2	0.02	14	1070	10	<5	<20	20	0.13	<10	83	<10	3	78
7	3-L1100 S6	5	<0.2	1.83	10	205	<5	0.21	<1	13	33	14	2.86	<10	0.52	253	2	0.02	17	400	12	<5	<20	18	0.10	<10	74	<10	2	56
8	3-L1100 S7	5	<0.2	1.98	10	135	<5	0.22	<1	12	29	10	3.03	<10	0.46	208	2	0.02	15	390	10	<5	<20	18	0.11	<10	83	<10	2	58
9	3-L1100 S8	5	<0.2	2.10	10	150	<5	0.22	<1	12	34	17	3.09	<10	0.51	226	2	0.02	20	540	12	<5	<20	18	0.08	<10	78	<10	2	56
10	3-L1100 S9	<5	<0.2	1.64	10	190	<5	0.27	<1	12	30	16	2.70	<10	0.49	252	1	0.02	18	360	8	<5	<20	23	0.07	<10	70	<10	2	49
11	3-L1100 S10	<5	<0.2	1.71	5	185	<5	0.32	<1	10	23	10	2.68	<10	0.47	233	1	0.02	13	390	8	<5	<20	30	0.09	<10	70	<10	2	54
12	3-L1100 S11	<5	<0.2	1.73	5	185	<5	0.36	<1	14	22	9	2.75	<10	0.58	311	1	0.02	14	810	6	<5	<20	30	0.11	<10	72	<10	2	71
13	3-L1100 S12	5	<0.2	1.44	10	200	<5	0.30	<1	10	28	15	2.52	<10	0.47	227	1	0.02	17	420	8	<5	<20	19	0.08	<10	67	<10	3	43
14	3-L1100 S13	5	<0.2	1.99	10	440	<5	1.14	<1	15	34	41	2.85	10	0.64	538	2	0.03	30	810	8	<5	<20	63	0.08	<10	62	<10	16	59
15	3-L1100 S14	<5	<0.2	2.12	5	305	<5	0.69	<1	13	31	19	2.73	<10	0.68	370	1	0.03	18	630	10	<5	<20	40	0.11	<10	70	<10	6	63
16	3-L1100 S15	15	0.4	3.04	10	365	<5	0.56	<1	21	39	30	4.42	<10	0.65	780	3	0.03	22	710	18	<5	<20	35	0.12	<10	103	<10	7	83
17	3-L1100 S16	5	<0.2	1.57	5	195	<5	0.55	<1	14	28	19	2.58	<10	0.50	404	1	0.02	16	920	6	<5	<20	34	0.10	<10	64	<10	8	61
18	3-L1100 S17	5	<0.2	1.43	<5	115	<5	0.47	<1	7	15	9	1.68	<10	0.40	197	<1	0.02	7	560	<2	<5	<20	37	0.08	<10	42	<10	5	41
19	3-L1100 S18	<5	<0.2	1.48	<5	135	<5	0.69	<1	15	19	15	2.38	10	0.56	580	1	0.03	10	790	4	<5	<20	52	0.09	<10	65	<10	8	57
20	3-L1100 S19	<5	<0.2	1.14	5	135	<5	0.52	<1	9	22	17	1.91	<10	0.39	244	1	0.02	11	750	4	<5	<20	31	0.08	<10	52	<10	6	38
21	3-L1100 S20	<5	<0.2	1.14	10	250	<5	0.51	<1	28	23	21	2.57	<10	0.39	1165	1	0.02	16	850	4	<5	<20	27	0.06	<10	56	<10	8	43
22	3-L1100 S21	<5	<0.2	1.14	5	165	<5	0.38	<1	7	24	12	1.70	<10	0.41	120	<1	0.02	11	280	4	<5	<20	16	0.08	<10	57	<10	5	27
23	3-L1100 S22	<5	<0.2	1.98	15	230	<5	0.32	<1	13	37	17	3.44	<10	0.48	318	2	0.02	17	340	12	<5	<20	16	0.08	<10	90	<10	3	42
24	3-L1100 S23	<5	<0.2	0.98	10	115	<5	0.23	<1	6	22	12	1.75	<10	0.29	121	1	0.02	8	160	4	<5	<20	11	0.09	<10	64	<10	3	25
25	3-L1100 S24	<5	<0.2	1.87	10	215	<5	0.28	<1	11	30	26	3.02	<10	0.51	242	2	0.02	19	410	8	<5	<20	18	0.09	<10	82	<10	3	42

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	3-L1100 S25	<5	<0.2	1.07	10	195	<5	0.25	<1	9	27	21	2.06	<10	0.35	153	1	0.02	19	220	4	<5	<20	15	0.06	<10	55	<10	5	39
27	3-L1100 S26	<5	<0.2	1.99	10	130	<5	0.12	<1	13	32	13	2.83	<10	0.49	240	2	0.02	17	330	10	<5	<20	11	0.11	<10	74	<10	3	56
28	3-L1100 S27	<5	<0.2	1.80	10	175	<5	0.14	<1	12	30	12	2.91	<10	0.44	226	2	0.02	16	1270	10	<5	<20	10	0.08	<10	80	<10	2	61
29	3-L1100 S28	<5	<0.2	2.68	5	180	<5	0.34	<1	12	17	18	3.17	<10	0.75	328	2	0.03	10	250	8	<5	<20	43	0.11	<10	76	<10	2	68
30	3-L1100 S29	<5	<0.2	0.87	<5	130	<5	0.45	<1	8	19	12	1.73	<10	0.36	213	<1	0.02	10	860	<2	<5	<20	22	0.08	<10	48	<10	6	37
31	3-L1100 S30	5	<0.2	1.31	5	210	<5	0.50	<1	10	28	18	2.27	<10	0.41	307	1	0.02	15	770	4	<5	<20	26	0.08	<10	59	<10	7	50
32	3-L1100 S31	<5	<0.2	1.09	10	170	<5	0.50	<1	10	25	19	2.18	<10	0.40	410	1	0.02	16	810	4	<5	<20	22	0.08	<10	54	<10	7	53
33	3-L500 S0	<5	<0.2	1.90	10	150	<5	0.37	<1	12	31	17	2.91	<10	0.65	265	2	0.02	18	790	8	<5	<20	33	0.11	<10	70	<10	4	62
34	3-L500 S1	<5	<0.2	2.06	10	140	<5	0.30	<1	12	32	15	3.14	<10	0.61	296	2	0.02	18	470	10	<5	<20	27	0.11	<10	77	<10	4	69
35	3-L500 S2	<5	<0.2	2.05	5	180	<5	0.36	<1	13	26	11	3.01	<10	0.65	322	1	0.02	15	620	8	<5	<20	24	0.12	<10	77	<10	3	78
36	3-L500 S3	5	<0.2	2.44	5	240	<5	0.51	<1	17	25	11	3.59	<10	0.89	538	2	0.03	15	1170	10	<5	<20	38	0.15	<10	87	<10	3	108
37	3-L500 S4	5	<0.2	1.66	<5	265	<5	0.53	<1	14	17	9	3.38	<10	0.80	582	1	0.03	9	1030	6	<5	<20	47	0.13	<10	78	<10	3	87
38	3-L500 S5	5	<0.2	2.19	<5	220	<5	0.63	<1	14	15	8	3.00	<10	0.88	590	1	0.02	7	500	8	<5	<20	71	0.10	<10	71	<10	4	74
39	3-L500 S6	<5	<0.2	2.13	<5	155	<5	0.53	<1	17	23	9	3.54	<10	0.98	485	1	0.03	12	920	6	<5	<20	51	0.18	<10	85	<10	3	102
40	3-L500 S7	<5	<0.2	1.93	<5	125	<5	0.39	<1	15	20	9	3.04	<10	0.83	386	1	0.02	13	770	6	<5	<20	31	0.15	<10	74	<10	2	84
41	3-L500 S8	<5	<0.2	1.88	<5	90	<5	0.33	<1	11	22	13	2.83	<10	0.62	288	1	0.02	11	530	6	<5	<20	38	0.12	<10	72	<10	2	68
42	3-L500 S9	<5	<0.2	2.10	<5	150	<5	0.34	<1	15	18	8	3.62	<10	0.92	510	1	0.03	10	640	6	<5	<20	45	0.18	<10	90	<10	2	105
43	3-L500 S10	<5	<0.2	1.59	<5	100	<5	0.41	<1	12	14	8	3.02	<10	0.72	455	1	0.02	7	710	4	<5	<20	29	0.13	<10	74	<10	2	72
44	3-L500 S11	<5	<0.2	2.36	10	135	<5	0.20	<1	12	32	15	3.11	<10	0.54	263	2	0.02	15	370	12	<5	<20	15	0.13	<10	86	<10	2	87
45	3-L500 S12	<5	<0.2	1.72	10	195	<5	0.31	<1	10	26	10	2.84	<10	0.54	222	2	0.02	14	1210	8	<5	<20	21	0.06	<10	72	<10	3	62
46	3-L500 S13	<5	<0.2	1.07	5	210	<5	0.20	<1	11	20	30	2.50	<10	0.25	374	1	0.02	8	1530	10	<5	<20	11	0.09	<10	69	<10	2	51
47	3-L500 S14	<5	<0.2	2.26	15	225	<5	0.27	<1	15	29	18	3.32	<10	0.71	302	2	0.02	22	730	10	<5	<20	19	0.11	<10	83	<10	4	60
48	3-L500 S15	<5	<0.2	2.13	10	300	<5	0.30	<1	19	25	20	3.19	<10	0.53	586	2	0.02	13	500	12	<5	<20	22	0.11	<10	89	<10	3	55
49	3-L500 S16	<5	<0.2	2.11	10	160	<5	0.19	<1	11	30	33	2.88	<10	0.57	232	2	0.02	13	410	12	<5	<20	15	0.10	<10	82	<10	3	49
50	3-L500 S17	<5	<0.2	2.25	15	200	<5	0.20	<1	12	30	59	4.14	<10	0.53	264	2	0.03	14	1290	14	<5	<20	14	0.10	<10	109	<10	3	54
51	3-L500 S18	<5	<0.2	1.40	5	95	<5	0.24	<1	9	15	22	2.68	<10	0.53	260	1	0.02	7	670	6	<5	<20	15	0.09	<10	73	<10	3	47
52	3-L500 S19	<5	<0.2	2.17	15	230	<5	0.18	<1	14	36	14	3.45	<10	0.57	478	2	0.02	18	1040	14	<5	<20	12	0.07	<10	87	<10	3	60
53	3-L500 S20	<5	<0.2	1.94	10	190	<5	0.24	<1	13	32	16	2.99	<10	0.56	253	2	0.02	19	780	10	<5	<20	14	0.08	<10	74	<10	3	47
54	3-L500 S21	<5	<0.2	2.26	10	230	<5	0.18	<1	13	37	22	3.20	<10	0.61	254	2	0.02	22	320	14	<5	<20	15	0.10	<10	79	<10	2	55
55	3-L500 S22	<5	<0.2	1.66	<5	240	<5	0.21	<1	15	23	7	3.00	<10	0.55	504	1	0.02	11	920	10	<5	<20	16	0.11	<10	79	<10	2	100
56	3-L500 S23	<5	<0.2	2.82	10	170	<5	0.26	<1	16	29	17	4.14	<10	0.98	479	2	0.03	20	620	12	<5	<20	28	0.16	<10	103	<10	2	93
57	3-L500 S24	<5	<0.2	1.85	10	175	<5	0.25	<1	13	38	35	3.30	<10	0.63	266	2	0.02	25	400	10	<5	<20	22	0.11	<10	82	<10	3	58
58	3-L500 S25	<5	<0.2	1.73	10	130	<5	0.21	<1	12	30	16	2.83	<10	0.55	242	1	0.02	19	390	8	<5	<20	17	0.09	<10	72	<10	3	56
59	3-L500 S26	<5	<0.2	2.00	15	155	<5	0.22	<1	12	32	14	3.24	<10	0.58	232	2	0.02	18	330	44	<5	<20	22	0.09	<10	79	<10	2	61
60	3-L500 S27	<5	<0.2	1.59	10	175	<5	0.24	<1	12	32	16	2.68	<10	0.54	238	1	0.02	18	320	8	<5	<20	18	0.10	<10	66	<10	3	48
61	3-L500 S28	<5	<0.2	1.24	5	195	<5	0.41	<1	9	24	11	2.04	<10	0.52	205	1	0.02	16	560	6	<5	<20	22	0.08	<10	54	<10	4	38
62	3-L500 S29 N/S																													
63	3-L500 S30 N/S																													
64	3-L500 S31 N/S																													
65	3-L500 S32 N/S																													

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	3-L1200 S0	5	<0.2	1.11	10	180	<5	0.30	<1	9	25	12	2.27	<10	0.42	208	1	0.02	14	260	6	<5	<20	17	0.08	<10	63	<10	3	35
67	3-L1200 S1	10	<0.2	1.19	5	225	<5	0.31	<1	9	28	14	2.18	<10	0.47	193	<1	0.02	14	300	6	<5	<20	17	0.09	<10	59	<10	4	32
68	3-L1200 S2	5	<0.2	1.29	10	150	<5	0.22	<1	10	27	11	2.36	<10	0.45	221	1	0.02	14	280	6	<5	<20	14	0.09	<10	63	<10	3	38
69	3-L1200 S3	<5	<0.2	1.68	10	255	<5	0.25	<1	12	32	16	2.82	<10	0.53	270	2	0.02	19	770	8	<5	<20	16	0.09	<10	76	<10	3	56
70	3-L1200 S4	15	<0.2	1.20	5	145	<5	0.40	<1	11	22	18	2.44	20	0.56	347	<1	0.02	13	650	4	<5	<20	29	0.11	<10	66	<10	7	46
71	3-L1200 S5	5	<0.2	1.45	5	105	<5	0.19	<1	9	18	10	2.48	<10	0.51	256	1	0.02	9	340	4	<5	<20	17	0.11	<10	64	<10	3	49
72	3-L1200 S6	<5	<0.2	1.45	10	185	<5	0.29	<1	10	29	14	2.44	<10	0.50	203	1	0.02	16	310	8	<5	<20	23	0.09	<10	64	<10	3	45
73	3-L1200 S7	<5	<0.2	2.06	<5	140	<5	0.35	<1	12	25	8	2.87	<10	0.61	272	1	0.02	13	840	8	<5	<20	32	0.12	<10	79	<10	2	83
74	3-L1200 S8	<5	<0.2	1.95	5	115	<5	0.21	<1	11	22	9	2.81	<10	0.61	254	2	0.02	13	270	6	<5	<20	27	0.12	<10	77	<10	2	66
75	3-L1200 S9	<5	<0.2	2.09	5	145	<5	0.35	<1	11	25	11	2.81	<10	0.65	262	2	0.02	14	450	8	<5	<20	30	0.10	<10	73	<10	2	71
76	3-L1200 S10	<5	<0.2	1.93	5	195	<5	0.47	<1	9	21	11	2.29	<10	0.54	220	1	0.02	12	500	8	<5	<20	54	0.07	<10	57	<10	3	51
77	3-L1200 S11	<5	<0.2	1.44	10	195	<5	0.31	<1	11	31	18	2.38	<10	0.50	201	1	0.02	18	260	8	<5	<20	21	0.09	<10	61	<10	4	45
78	3-L1200 S12	<5	<0.2	1.91	15	320	<5	0.27	<1	13	37	15	2.83	<10	0.55	383	2	0.02	23	770	12	<5	<20	21	0.08	<10	73	<10	3	57
79	3-L1200 S13	<5	<0.2	1.90	5	220	<5	0.30	<1	14	31	14	2.75	<10	0.56	246	2	0.02	20	410	10	<5	<20	22	0.09	<10	72	<10	3	62
80	3-L1200 S14	10	<0.2	0.81	10	115	<5	0.42	<1	9	19	23	1.80	<10	0.33	306	<1	0.02	12	710	4	<5	<20	20	0.07	<10	48	<10	8	36
81	3-L1200 S15	<5	<0.2	1.15	10	175	<5	0.55	<1	11	30	40	2.27	<10	0.48	327	1	0.03	22	770	4	<5	<20	25	0.08	<10	56	<10	9	43
82	3-L1200 S16 N/S																													
83	3-L1200 S17	<5	<0.2	1.24	5	150	<5	0.45	<1	10	24	17	2.19	<10	0.49	213	<1	0.02	12	640	6	<5	<20	27	0.12	<10	61	<10	6	44
84	3-L1200 S18 N/S																													
85	3-L1200 S19 N/S																													
86	3-L1200 S20 N/S																													
87	3-L1200 S21	<5	<0.2	1.19	10	195	<5	0.51	<1	11	30	24	2.28	<10	0.43	286	1	0.02	17	310	4	<5	<20	17	0.11	<10	66	<10	8	38
88	3-L1200 S22	<5	<0.2	1.63	10	275	<5	0.31	<1	11	32	20	2.44	<10	0.46	246	1	0.02	18	220	8	<5	<20	15	0.08	<10	71	<10	3	34
89	3-L1200 S23	5	<0.2	1.70	10	250	<5	0.22	<1	10	32	12	2.37	<10	0.43	160	2	0.02	15	290	8	<5	<20	12	0.07	<10	70	<10	3	39
90	3-L1200 S24	5	<0.2	1.25	5	175	<5	0.39	<1	9	27	18	2.07	<10	0.47	190	1	0.02	17	400	4	<5	<20	19	0.07	<10	55	<10	4	40
91	3-L1200 S25	<5	<0.2	1.23	10	150	<5	0.35	<1	8	28	18	2.06	<10	0.44	156	1	0.02	15	450	4	<5	<20	17	0.07	<10	55	<10	4	38
92	3-L1200 S26	<5	<0.2	1.49	<5	200	<5	0.55	<1	12	15	23	3.14	10	0.74	370	1	0.02	9	950	4	<5	<20	34	0.13	<10	81	<10	9	78
93	3-L1200 S27	<5	<0.2	2.01	10	145	<5	0.13	<1	11	41	19	2.99	<10	0.49	249	2	0.02	17	270	12	<5	<20	13	0.11	<10	76	<10	2	51
94	3-L1200 S28	<5	<0.2	2.20	10	235	<5	0.19	<1	14	35	22	3.07	<10	0.59	231	2	0.02	26	350	12	<5	<20	18	0.09	<10	76	<10	3	51
95	3-L1200 S29	<5	<0.2	2.34	5	190	<5	0.52	<1	17	18	15	4.12	<10	1.22	600	1	0.03	10	1330	8	<5	<20	73	0.18	<10	104	<10	3	107
96	3-L1200 S30 N/S																													
97	3-L1200 S31 N/S																													
98	3-L200 S0	<5	<0.2	1.15	5	150	<5	0.33	<1	10	25	14	2.30	<10	0.46	278	<1	0.02	13	490	6	<5	<20	21	0.09	<10	61	<10	4	39
99	3-L200 S1	<5	<0.2	1.32	5	160	<5	0.38	<1	10	22	19	2.36	<10	0.50	286	<1	0.02	13	480	4	<5	<20	28	0.10	<10	59	<10	5	52
100	3-L200 S2	<5	<0.2	1.86	10	245	<5	0.39	<1	14	27	23	3.10	10	0.45	1041	2	0.02	14	330	8	<5	<20	31	0.11	<10	81	<10	9	50
101	3-L200 S3	<5	<0.2	1.25	<5	125	<5	0.42	<1	9	15	11	2.13	<10	0.44	347	<1	0.02	8	600	4	<5	<20	38	0.09	<10	53	<10	7	47
102	3-L200 S4	<5	<0.2	1.12	5	115	<5	0.35	<1	11	20	10	2.57	<10	0.44	262	<1	0.02	9	530	2	<5	<20	27	0.09	<10	63	<10	3	45
103	3-L200 S5	<5	<0.2	1.28	5	175	<5	0.40	<1	10	23	12	2.38	<10	0.58	267	1	0.02	13	500	6	<5	<20	30	0.10	<10	59	<10	4	50
104	3-L200 S6	<5	<0.2	1.50	10	140	<5	0.27	<1	11	29	18	2.88	<10	0.57	214	1	0.02	20	330	6	<5	<20	22	0.10	<10	72	<10	3	46
105	3-L200 S7	<5	<0.2	2.19	10	160	<5	0.23	<1	14	24	14	3.23	<10	0.80	341	2	0.02	15	810	8	<5	<20	14	0.13	<10	79	<10	3	81

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	3-L200 S8	5	<0.2	1.70	<5	130	<5	0.35	1	14	17	5	2.96	<10	0.91	455	1	0.02	10	440	8	<5	<20	24	0.16	<10	79	<10	2	86
107	3-L200 S9	5	<0.2	1.85	10	115	<5	0.16	2	14	31	14	3.51	<10	0.68	323	1	0.02	24	250	10	<5	<20	12	0.12	<10	92	<10	2	59
108	3-L200 S10	<5	<0.2	1.64	10	130	<5	0.26	1	13	30	17	2.78	<10	0.59	275	1	0.02	22	400	10	<5	<20	18	0.11	<10	73	<10	3	53
109	3-L200 S11	<5	<0.2	1.91	5	230	<5	0.29	1	14	26	11	2.78	<10	0.70	401	2	0.02	20	740	12	<5	<20	20	0.11	<10	72	<10	2	74
110	3-L200 S12	<5	<0.2	1.97	5	135	<5	0.32	1	15	23	14	2.89	10	0.93	399	1	0.02	19	720	10	<5	<20	24	0.13	<10	80	<10	3	70
111	3-L200 S13	10	<0.2	1.79	10	135	<5	0.35	1	14	36	15	3.18	<10	0.60	335	1	0.02	25	440	12	<5	<20	20	0.12	<10	82	<10	3	58
112	3-L200 S14	5	<0.2	1.69	<5	140	<5	0.44	1	15	16	6	3.22	<10	0.98	611	<1	0.02	11	1020	6	<5	<20	29	0.15	<10	83	<10	2	87
113	3-L200 S15	<5	<0.2	2.28	<5	225	<5	0.49	2	20	18	13	4.61	<10	1.41	880	1	0.02	10	880	10	<5	<20	38	0.17	<10	119	<10	2	133
114	3-L200 S16	5	<0.2	1.89	10	110	<5	0.34	2	14	27	15	3.55	<10	0.71	367	2	0.02	18	730	10	<5	<20	21	0.11	<10	93	<10	2	63
115	3-L200 S17	<5	<0.2	1.65	5	115	<5	0.35	1	13	18	10	2.82	<10	0.58	380	1	0.02	13	610	10	<5	<20	16	0.03	<10	62	<10	3	72
116	3-L200 S18	<5	<0.2	2.03	<5	230	<5	0.51	2	16	12	6	3.32	<10	1.13	587	1	0.02	8	1290	8	<5	<20	110	0.15	<10	84	<10	2	95
117	3-L200 S19	5	<0.2	1.97	5	165	<5	0.33	2	16	18	9	3.66	10	1.09	565	1	0.02	10	610	10	<5	<20	17	0.18	<10	89	<10	2	96
118	3-L200 S20	10	<0.2	1.65	5	120	<5	0.38	1	10	14	8	2.63	<10	0.70	355	1	0.02	9	830	8	<5	<20	22	0.06	<10	65	<10	2	59
119	3-L200 S21	<5	<0.2	2.23	10	150	<5	0.21	2	15	26	15	3.59	20	0.86	548	1	0.02	19	340	10	<5	<20	22	0.15	<10	93	<10	5	84
120	3-L200 S22	5	<0.2	2.05	10	145	<5	0.26	2	15	25	15	3.35	<10	0.87	433	2	0.02	18	590	10	<5	<20	31	0.13	<10	89	<10	3	78
121	3-L200 S23	<5	<0.2	2.00	5	220	<5	0.49	2	18	17	10	3.42	<10	1.06	611	1	0.02	12	1610	10	<5	<20	76	0.13	<10	84	<10	5	97
122	3-L200 S24	<5	<0.2	2.04	<5	190	<5	0.58	2	19	14	7	3.85	<10	1.21	637	1	0.02	10	1880	8	<5	<20	20	0.15	<10	95	<10	5	116
123	3-L200 S25	<5	<0.2	1.86	10	120	<5	0.23	2	14	23	14	3.83	<10	0.56	337	1	0.02	13	380	12	<5	<20	30	0.08	<10	96	<10	4	84
124	3-L200 S26	5	<0.2	2.06	10	230	<5	0.19	1	16	36	16	2.99	<10	0.51	293	2	0.02	26	390	14	<5	<20	13	0.09	<10	79	<10	2	56
125	3-L200 S27	<5	<0.2	1.18	<5	155	<5	0.43	1	10	14	10	2.66	<10	0.51	432	1	0.02	8	930	4	<5	<20	30	0.09	<10	69	<10	3	55
126	3-L200 S28	<5	<0.2	1.30	5	145	<5	0.28	<1	9	26	12	2.13	<10	0.44	203	1	0.02	16	330	10	<5	<20	15	0.07	<10	61	<10	3	36
127	3-L200 S29	5	<0.2	1.33	5	150	<5	0.27	<1	9	27	14	2.00	<10	0.41	160	1	0.02	16	330	8	<5	<20	14	0.07	<10	60	<10	3	34
128	3-L800 S0	<5	<0.2	1.91	<5	270	<5	0.45	2	16	20	10	3.09	<10	0.87	430	1	0.02	18	1600	10	<5	<20	30	0.13	<10	75	<10	2	92
129	3-L800 S1	<5	<0.2	1.48	5	125	<5	0.39	1	12	27	10	2.50	<10	0.54	294	1	0.02	16	1100	10	<5	<20	26	0.13	<10	67	<10	3	60
130	3-L800 S2	5	<0.2	1.66	<5	170	<5	0.37	1	13	19	5	2.68	<10	0.63	331	<1	0.02	12	850	8	<5	<20	36	0.14	<10	70	<10	2	61
131	3-L800 S3	<5	<0.2	1.80	10	150	<5	0.34	1	12	34	20	2.90	<10	0.60	232	2	0.02	25	420	12	<5	<20	28	0.10	<10	78	<10	3	49
132	3-L800 S4	<5	<0.2	1.33	<5	60	<5	0.36	<1	6	9	3	1.92	<10	0.31	205	<1	0.02	5	220	6	<5	<20	35	0.06	<10	45	<10	2	57
133	3-L800 S5	<5	<0.2	2.49	10	130	<5	0.22	2	14	39	12	3.55	<10	0.63	354	2	0.02	20	390	16	<5	<20	21	0.13	<10	94	<10	2	84
134	3-L800 S6		<0.2	1.86	5	195	<5	0.46	1	14	29	12	2.80	<10	0.59	340	2	0.02	19	600	14	<5	<20	42	0.07	<10	73	<10	3	54
135	3-L800 S7	<5	<0.2	2.22	10	140	<5	0.16	1	16	27	12	3.07	<10	0.70	356	2	0.02	19	500	14	<5	<20	11	0.12	<10	83	<10	2	72
136	3-L800 S8	<5	<0.2	1.91	10	235	<5	0.26	1	15	36	36	2.86	10	0.59	280	1	0.02	34	290	14	<5	<20	18	0.09	<10	75	<10	4	52
137	3-L800 S9	<5	<0.2	2.04	10	205	<5	0.26	1	15	42	52	2.75	<10	0.67	241	2	0.02	26	340	12	<5	<20	21	0.08	<10	74	<10	2	44
138	3-L800 S10	<5	<0.2	1.95	5	145	<5	0.32	1	12	20	12	2.88	<10	0.65	291	2	0.02	11	550	12	<5	<20	24	0.11	<10	82	<10	2	58
139	3-L800 S11	<5	<0.2	1.67	5	135	<5	0.36	1	11	18	9	2.80	<10	0.61	334	1	0.02	9	720	10	<5	<20	24	0.12	<10	84	<10	3	61
140	3-L800 S12	<5	<0.2	1.77	5	125	<5	0.40	1	12	18	8	3.09	<10	0.67	362	1	0.02	11	1280	8	<5	<20	20	0.11	<10	85	<10	3	67
141	3-L800 S13	15	<0.2	1.87	10	180	<5	0.21	1	13	27	12	2.52	<10	0.60	315	2	0.02	16	330	12	<5	<20	16	0.08	<10	71	<10	2	50
142	3-L800 S14	5	<0.2	1.20	<5	130	<5	0.44	1	11	13	7	2.63	<10	0.59	351	1	0.02	8	680	8	<5	<20	37	0.11	<10	80	<10	2	50
143	3-L800 S15	20	<0.2	1.68	10	120	<5	0.16	1	11	21	8	2.53	<10	0.52	220	2	0.02	13	450	12	<5	<20	18	0.09	<10	75	<10	2	49
144	3-L800 S16	5	<0.2	1.62	10	130	<5	0.20	1	12	25	12	2.35	<10	0.51	237	2	0.02	15	360	10	<5	<20	13	0.07	<10	63	<10	4	43
145	3-L800 S17	5	<0.2	1.36	10	140	<5	0.36	1	10	18	8	2.41	<10	0.56	278	2	0.02	11	1140	10	<5	<20	22	0.10	<10	70	<10	2	46

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	3-L800 S18	15	<0.2	2.17	10	320	<5	0.52	2	35	26	44	3.22	30	0.62	1080	2	0.03	23	640	14	<5	<20	27	0.09	<10	78	<10	11	60
147	3-L800 S19	5	<0.2	1.23	5	210	<5	0.49	1	12	21	17	2.39	10	0.53	300	1	0.02	13	740	8	<5	<20	24	0.10	<10	69	<10	7	44
148	3-L800 S20	10	<0.2	1.72	5	210	<5	0.44	1	12	23	19	2.29	20	0.56	232	1	0.02	15	790	10	<5	<20	22	0.10	<10	61	<10	7	51
149	3-L800 S21	5	<0.2	1.39	5	200	<5	0.46	1	13	22	19	2.50	10	0.55	320	1	0.02	15	800	8	<5	<20	23	0.10	<10	67	<10	7	50
150	3-L800 S22	5	<0.2	1.31	5	135	<5	0.40	1	10	21	15	1.99	10	0.48	261	1	0.02	13	800	6	<5	<20	19	0.08	<10	55	<10	4	43
151	3-L800 S23	5	<0.2	1.21	5	130	<5	0.39	1	11	22	35	2.19	<10	0.39	290	1	0.02	15	380	8	<5	<20	18	0.08	<10	71	<10	3	36
152	3-L800 S24	435	<0.2	0.79	<5	445	<5	1.99	<1	7	8	28	1.02	20	0.27	342	<1	0.02	16	730	4	<5	<20	124	0.02	<10	22	<10	22	14
153	3-L800 S25	5	<0.2	2.01	10	185	<5	0.18	1	14	31	16	2.61	<10	0.61	274	2	0.02	22	440	14	<5	<20	14	0.09	<10	69	<10	2	53
154	3-L800 S26	5	<0.2	2.02	10	215	<5	0.18	1	14	29	18	2.88	<10	0.61	269	2	0.02	23	360	14	<5	<20	17	0.09	<10	77	<10	2	52
155	3-L800 S27	<5	<0.2	1.94	10	170	<5	0 20	1	13	38	15	2.64	<10	0.54	254	2	0.02	20	300	14	<5	<20	13	0.10	<10	74	<10	2	53
156	3-L800 S28	5	<0.2	1.39	5	220	<5	0.51	1	11	22	8	2.45	<10	0.51	477	1	0.02	12	1180	10	<5	<20	35	0.08	<10	72	<10	3	60
157	3-L800 S29	5	<0.2	1.82	10	260	<5	0.32	1	14	34	18	2.61	<10	0.59	290	2	0.02	25	270	14	<5	<20	26	0.08	<10	72	<10	3	51
158	3-L800 S30	5	<0.2	1.78	10	215	<5	0.32	1	13	27	16	2.43	<10	0.63	247	1	0.02	22	320	12	<5	<20	23	0.08	<10	70	<10	2	45
159	3-L800 S31	5	<0.2	1.71	10	150	<5	0.16	1	11	30	13	2.38	<10	0.50	222	2	0.02	20	270	12	<5	<20	15	0.07	<10	64	<10	2	45
160	3-L800 S32	5	<0.2	1.50	10	175	<5	0.31	1	10	26	10	2.41	<10	0.50	202	1	0.02	17	540	10	<5	<20	26	0.07	<10	69	<10	2	45

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L1100 S0		<0.2	1.65	10	255	<5	0.32	<1	11	31	23	2.71	<10	0.51	200	2	0.02	23	310	8	<5	<20	19	0.06	<10	65	<10	4	46
3	3-L1100 S2	5																												
10	3-L1100 S9		<0.2	1.73	10	195	<5	0.29	<1	12	33	19	2.93	<10	0.51	265	1	0.02	19	360	10	<5	<20	24	0.08	<10	75	<10	2	52
12	3-L1100 S11	<5																												
19	3-L1100 S18		<0.2	1.61	5	140	<5	0.71	<1	16	20	17	2.42	10	0.59	606	2	0.03	10	790	6	<5	<20	56	0.09	<10	66	<10	8	58
20	3-L1100 S19	5																												
28	3-L1100 S27		<0.2	1.79	10	175	<5	0.15	<1	12	31	11	2.89	<10	0.43	224	2	0.02	16	1290	10	<5	<20	11	0.08	<10	80	<10	2	61
30	3-L1100 S29	<5																												
36	3-L500 S3		<0.2	2.34	<5	235	<5	0.47	<1	16	23	9	3.32	<10	0.82	518	2	0.02	13	1090	8	<5	<20	35	0.15	<10	80	<10	3	104
39	3-L500 S6	<5																												
45	3-L500 S12		<0.2	1.72	10	195	<5	0.31	<1	9	26	10	2.81	<10	0.53	218	2	0.02	14	1210	8	<5	<20	22	0.06	<10	71	<10	3	62
47	3-L500 S14	<5																												
54	3-L500 S21		<0.2	2.20	10	220	<5	0.17	<1	13	36	21	3.15	<10	0.56	247	2	0.02	21	300	12	<5	<20	15	0.10	<10	78	<10	2	53
55	3-L500 S22	5																												
66	3-L1200 S0		<0.2	1.12	10	180	<5	0.31	<1	9	26	16	2.22	<10	0.43	210	<1	0.02	14	280	8	<5	<20	18	0.08	<10	62	<10	3	37
70	3-L1200 S4	5																												
71	3-L1200 S5	<5	<0.2	1.54	<5	110	<5	0.22	<1	10	19	8	2.57	<10	0.54	272	1	0.02	10	360	6	<5	<20	19	0.12	<10	68	<10	3	52
80	3-L1200 S14	<5	<0.2	0.82	5	115	<5	0.42	<1	8	21	21	1.82	<10	0.33	308	<1	0.02	12	720	4	<5	<20	20	0.08	<10	50	<10	8	37
89	3-L1200 S23		<0.2	1.75	5	245	<5	0.22	<1	10	34	13	2.40	<10	0.42	162	2	0.02	15	290	10	<5	<20	12	0.08	<10	71	<10	3	40
90	3-L1200 S24	5																												
98	3-L200 S0		<0.2	1.13	5	150	<5	0.34	<1	10	27	13	2.36	<10	0.44	281	<1	0.02	13	500	6	<5	<20	22	0.09	<10	64	<10	4	39
106	3-L200 S8	5	<0.2	1.56	<5	120	<5	0.33	1	13	14	8	2.70	<10	0.89	443	1	0.02	9	420	8	<5	<20	23	0.14	<10	75	<10	2	72
115	3-L200 S17		<0.2	1.72	10	120	<5	0.37	1	13	19	10	2.88	<10	0.56	398	1	0 02	13	640	10	<5	<20	17	0.04	<10	65	<10	3	72
116	3-L200 S18	<5																												
124	3-L200 S26		<0.2	2.04	10	230	<5	0.20	1	16	35	19	2.86	<10	0.52	285	2	0.02	26	400	14	<5	<20	13	0.09	<10	79	<10	3	56
125	3-L200 S27	<5																												
133	3-L800 S5		<0.2	2.40	10	135	<5	0.23	2	14	34	13	3.36	<10	0.67	331	2	0.02	20	410	16	<5	<20	22	0.13	<10	85	<10	2	78
135	3-L800 S7	<5																												
141	3-L800 S13	15	<0.2	1.87	10	180	<5	0.22	1	13	27	13	2.48	<10	0.59	313	2	0.02	16	330	12	<5	<20	15	0.09	<10	70	<10	2	50
150	3-L800 S22	5	<0.2	1.32	5	140	<5	0.42	<1	10	21	14	1.94	10	0.49	248	<1	0.02	12	830	8	<5	<20	20	0.09	<10	55	<10	5	43

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Till-3			1.4	1.07	85	40	<5	0.52	<1	14	62	24	1.97	<10	0.58	296	<1	0.03	29	430	20	<5	<20	13	0.08	<10	38	<10	7	41
Till-3			1.4	1.04	85	40	<5	0.51	<1	14	62	25	1.94	<10	0.58	291	1	0.03	29	430	20	<5	<20	13	0.08	<10	37	<10	7	39
Till-3			1.5	1.06	85	40	<5	0.52	<1	14	64	22	1.97	<10	0.59	291	1	0.03	30	440	18	<5	<20	14	0.08	<10	38	<10	7	40
Till-3			1.4	1.13	85	40	<5	0.59	<1	14	61	24	1.95	10	0.61	322	1	0.03	33	460	22	<5	<20	15	0.08	<10	41	<10	6	42
Till-3			1.5	1.03	80	35	<5	0.54	<1	13	56	22	2.00	10	0.56	298	<1	0.03	30	430	20	<5	<20	13	0.07	<10	38	<10	6	39
SF30		845																												
SF30		830																												
OXE74		625																												
OXE74		620																												
OXE74		615																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/1_739AS/
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ICP CERTIFICATE OF ANALYSIS AK 2009- 0741

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 133
Sample Type: Soils
Project: SFN-9542-YT
Shipment #: 1
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L400	S0	5	<0.2	1.76	5	200	<5	0.30	<1	10	30	10	2.72	<10	0.54	251	1	0.03	18	480	12	<5	<20	33	0.09	<10	60	<10	2	72
2	3-L400	S1	5	<0.2	2.13	<5	190	<5	0.43	<1	13	18	6	3.29	<10	0.93	560	1	0.03	12	1340	6	<5	<20	30	0.15	<10	67	<10	2	95
3	3-L400	S2	5	<0.2	1.81	5	150	<5	0.36	<1	10	23	7	2.91	<10	0.65	349	<1	0.03	14	870	8	<5	<20	32	0.10	<10	61	<10	2	75
4	3-L400	S3	5	<0.2	1.69	<5	195	<5	0.38	<1	12	17	7	2.95	<10	0.89	370	<1	0.03	11	810	6	<5	<20	47	0.13	<10	61	<10	2	72
5	3-L400	S4	5	<0.2	1.90	<5	235	<5	0.47	<1	13	16	6	3.29	<10	1.02	684	<1	0.03	10	1190	6	<5	<20	53	0.17	<10	66	<10	2	95
6	3-L400	S5	5	<0.2	2.08	<5	240	<5	0.47	<1	14	18	6	3.41	<10	0.89	687	1	0.03	12	1030	8	<5	<20	51	0.15	<10	65	<10	2	116
7	3-L400	S6	5	<0.2	2.02	<5	225	<5	0.53	<1	14	14	5	3.58	<10	1.14	693	<1	0.03	9	1120	6	<5	<20	54	0.16	<10	73	<10	2	104
8	3-L400	S7	5	0.2	1.24	<5	85	<5	0.34	<1	8	20	8	2.24	<10	0.53	281	1	0.03	12	280	6	<5	<20	37	0.09	<10	49	<10	2	48
9	3-L400	S8	<5	<0.2	2.15	5	140	<5	0.25	<1	12	22	6	3.25	<10	0.70	339	1	0.03	15	810	10	<5	<20	27	0.14	<10	70	<10	1	105
10	3-L400	S9	5	<0.2	2.19	10	80	<5	0.21	<1	8	28	11	2.77	<10	0.54	208	2	0.03	16	390	10	<5	<20	28	0.08	<10	60	<10	1	58
11	3-L400	S10	5	<0.2	1.25	<5	130	<5	0.37	<1	8	20	5	2.27	<10	0.47	241	1	0.03	11	510	6	<5	<20	33	0.07	<10	50	<10	1	56
12	3-L400	S11	5	<0.2	1.63	<5	135	<5	0.35	<1	10	18	5	2.68	<10	0.67	342	<1	0.03	12	650	6	<5	<20	41	0.10	<10	59	<10	1	68
13	3-L400	S12	5	0.2	1.83	5	100	<5	0.25	<1	10	15	4	2.96	<10	0.84	399	1	0.03	9	420	6	<5	<20	27	0.14	<10	65	<10	<1	74
14	3-L400	S13	15	<0.2	1.35	10	150	<5	0.13	<1	7	24	7	2.46	<10	0.39	257	<1	0.03	13	390	8	<5	<20	12	0.06	<10	58	<10	1	42
15	3-L400	S14	5	<0.2	2.22	10	185	<5	0.13	<1	12	32	14	2.90	<10	0.59	281	2	0.03	22	360	10	<5	<20	15	0.06	<10	59	<10	2	48
16	3-L400	S15	5	<0.2	2.28	10	270	<5	0.19	<1	12	32	15	3.06	<10	0.64	232	2	0.03	25	770	12	<5	<20	18	0.06	<10	63	<10	2	46
17	3-L400	S16	5	<0.2	1.75	10	260	<5	0.29	<1	10	23	8	3.18	<10	0.64	348	1	0.03	14	1400	10	<5	<20	20	0.09	<10	72	<10	3	55
18	3-L400	S17	5	<0.2	1.98	10	240	<5	0.16	<1	12	31	12	2.95	<10	0.54	299	2	0.03	19	400	12	<5	<20	13	0.06	<10	58	<10	2	42
19	3-L400	S18	10	<0.2	1.99	10	200	<5	0.17	<1	11	35	17	3.30	<10	0.53	306	1	0.03	21	340	12	<5	<20	17	0.06	<10	66	<10	2	49
20	3-L400	S19	5	<0.2	1.75	10	240	<5	0.25	<1	10	28	21	2.75	10	0.61	353	1	0.03	15	200	8	<5	<20	23	0.07	<10	61	<10	4	47
21	3-L400	S20	5	<0.2	2.06	10	130	<5	0.22	<1	11	20	9	3.21	<10	0.76	351	1	0.03	14	1270	8	<5	<20	20	0.09	<10	65	<10	1	72
22	3-L400	S21	5	<0.2	2.17	10	145	<5	0.18	<1	10	25	11	3.22	<10	0.72	321	1	0.03	17	650	10	<5	<20	19	0.09	<10	71	<10	1	72
23	3-L400	S22	5	<0.2	1.53	10	115	<5	0.25	<1	9	22	9	2.75	<10	0.63	286	1	0.03	14	640	6	<5	<20	23	0.08	<10	58	<10	2	55
24	3-L400	S23	5	<0.2	1.75	10	135	<5	0.21	<1	10	27	9	2.87	<10	0.53	255	1	0.03	18	460	10	<5	<20	22	0.07	<10	60	<10	2	59
25	3-L400	S24	5	<0.2	1.63	5	165	<5	0.24	<1	10	27	10	2.90	<10	0.61	289	1	0.03	16	290	8	<5	<20	24	0.08	<10	60	<10	2	53

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	3-L400 S25	15	<0.2	1.58	10	195	<5	0.31	<1	10	28	10	2.71	<10	0.50	246	1	0.03	20	830	8	<5	<20	25	0.07	<10	57	<10	1	47
27	3-L400 S26	5	<0.2	1.20	5	185	<5	0.34	<1	8	24	12	2.31	<10	0.53	241	<1	0.03	16	440	6	<5	<20	26	0.07	<10	51	<10	3	39
28	3-L400 S27	5	<0.2	1.43	5	255	<5	0.56	<1	11	16	12	3.12	10	0.85	524	<1	0.03	11	1200	4	<5	<20	33	0.10	<10	65	<10	9	78
29	3-L400 S28	20	<0.2	1.14	5	170	<5	0.40	<1	9	24	16	3.07	10	0.51	298	<1	0.03	16	570	6	<5	<20	28	0.07	<10	66	<10	10	42
30	3-L400 S29	5	<0.2	1.41	5	335	<5	0.74	<1	10	26	22	2.64	10	0.50	343	<1	0.03	20	760	8	<5	<20	50	0.04	<10	60	<10	8	44
31	3-L400 S30	5	<0.2	0.96	5	130	<5	0.42	<1	6	21	9	1.75	<10	0.34	234	<1	0.03	10	440	4	<5	<20	24	0.05	<10	40	<10	3	30
32	3-L400 S31	5	0.4	1.01	<5	255	<5	2.20	1	10	19	32	1.83	<10	0.36	988	<1	0.03	23	810	4	<5	<20	116	0.03	<10	34	<10	5	42
33	3-L1500 S0	10	<0.2	1.26	10	175	<5	0.32	<1	7	29	14	2.14	<10	0.43	169	<1	0.03	17	260	6	<5	<20	20	0.06	<10	55	<10	2	32
34	3-L1500 S1	10	<0.2	1.25	10	190	<5	0.25	<1	14	25	13	2.38	<10	0.39	326	1	0.03	17	220	6	<5	<20	21	0.07	<10	56	<10	2	34
35	3-L1500 S2	5	<0.2	1.31	10	130	<5	0.21	<1	8	26	10	2.36	<10	0.45	168	<1	0.03	14	190	8	<5	<20	16	0.07	<10	51	<10	2	30
36	3-L1500 S3	<5	<0.2	0.95	<5	200	<5	0.25	<1	6	17	9	1.97	<10	0.32	168	<1	0.03	10	250	6	<5	<20	23	0.07	<10	47	<10	3	28
37	3-L1500 S4	5	<0.2	1.63	10	180	<5	0.25	<1	9	34	21	2.88	20	0.56	241	1	0.03	20	270	10	<5	<20	26	0.08	<10	61	<10	4	46
38	3-L1500 S5	5	<0.2	1.79	10	165	<5	0.18	<1	10	30	9	2.90	10	0.57	261	1	0.03	16	510	10	<5	<20	20	0.09	<10	63	<10	1	53
39	3-L1500 S6	<5	<0.2	1.75	5	145	<5	0.23	<1	10	24	7	2.67	<10	0.48	248	1	0.03	15	420	8	<5	<20	26	0.08	<10	59	<10	1	52
40	3-L1500 S7	<5	<0.2	1.67	10	185	<5	0.23	<1	9	30	10	2.78	<10	0.52	243	1	0.03	18	340	10	<5	<20	25	0.07	<10	59	<10	1	47
41	3-L1500 S8	<5	<0.2	1.06	<5	120	<5	0.15	<1	6	15	5	2.32	<10	0.32	219	<1	0.03	8	730	6	<5	<20	15	0.07	<10	48	<10	1	39
42	3-L1500 S9	5	<0.2	1.87	10	215	<5	0.24	<1	12	37	18	3.11	<10	0.56	286	1	0.03	25	240	10	<5	<20	25	0.09	<10	63	<10	2	46
43	3-L1500 S10	5	<0.2	1.55	10	195	<5	0.28	<1	10	25	8	2.89	<10	0.58	304	1	0.03	15	550	10	<5	<20	30	0.09	<10	64	<10	2	49
44	3-L1500 S11	5	<0.2	1.60	10	190	<5	0.22	<1	10	32	17	2.63	<10	0.50	222	1	0.03	21	220	8	<5	<20	24	0.06	<10	56	<10	3	40
45	3-L1500 S12	5	<0.2	1.87	10	210	<5	0.20	<1	9	38	18	2.86	<10	0.53	227	2	0.03	20	280	12	<5	<20	21	0.06	<10	60	<10	2	48
46	3-L1500 S13	5	<0.2	1.79	10	125	<5	0.17	<1	11	34	17	2.91	10	0.58	279	1	0.03	21	220	10	<5	<20	27	0.09	<10	60	<10	3	52
47	3-L1500 S14	<5	<0.2	1.61	<5	130	<5	0.31	<1	9	16	5	2.58	<10	0.53	278	<1	0.03	9	460	8	<5	<20	46	0.09	<10	56	<10	2	87
48	3-L1500 S15	5	<0.2	1.82	10	105	<5	0.21	<1	9	33	13	2.81	<10	0.54	216	2	0.03	19	270	10	<5	<20	25	0.08	<10	59	<10	2	52
49	3-L1500 S16	<5	<0.2	2.26	10	245	<5	0.51	<1	10	19	7	3.12	<10	0.71	273	1	0.03	13	880	10	<5	<20	51	0.09	<10	64	<10	2	82
50	3-L1500 S17	5	<0.2	0.68	<5	125	<5	0.18	<1	4	14	5	1.46	<10	0.16	82	<1	0.02	6	190	4	<5	<20	16	0.06	<10	38	<10	1	16
51	3-L1500 S20	5	<0.2	1.44	10	315	<5	1.02	<1	11	28	19	2.52	20	0.47	602	<1	0.04	17	690	6	<5	<20	59	0.05	<10	56	<10	9	41
52	3-L1500 S29	10	<0.2	0.84	5	130	<5	0.52	<1	8	23	17	2.09	<10	0.37	261	<1	0.03	17	820	4	<5	<20	27	0.07	<10	46	<10	6	45
53	3-L100 S0	5	<0.2	1.81	10	145	<5	0.38	<1	10	24	11	3.22	<10	0.70	338	1	0.03	16	700	8	<5	<20	23	0.08	<10	63	<10	2	74
54	3-L100 S1	5	<0.2	1.90	10	145	<5	0.45	<1	13	25	13	3.92	<10	0.76	427	1	0.03	15	860	8	<5	<20	25	0.08	<10	67	<10	5	99
55	3-L100 S2	<5	<0.2	1.59	10	190	<5	0.35	<1	9	32	17	2.88	<10	0.58	245	1	0.03	22	420	8	<5	<20	33	0.08	<10	60	<10	2	49
56	3-L100 S3	5	<0.2	1.24	5	180	<5	0.38	<1	9	22	10	2.49	<10	0.53	341	<1	0.03	15	670	6	<5	<20	31	0.08	<10	53	<10	2	46
57	3-L100 S4	<5	<0.2	2.35	5	150	<5	0.81	<1	11	15	8	2.94	<10	0.88	430	1	0.06	9	510	8	<5	<20	129	0.12	<10	58	<10	2	75
58	3-L100 S5	<5	<0.2	2.07	<5	185	<5	0.46	<1	14	15	7	3.50	<10	1.15	600	<1	0.03	11	1320	6	<5	<20	49	0.16	<10	71	<10	2	92
59	3-L100 S6	<5	<0.2	2.22	10	160	<5	0.32	<1	11	20	9	3.22	<10	0.84	474	1	0.03	14	780	8	<5	<20	35	0.13	<10	67	<10	2	81
60	3-L100 S7	5	<0.2	1.86	<5	120	<5	0.43	<1	13	13	5	3.37	10	1.12	639	<1	0.03	8	1110	4	<5	<20	39	0.16	<10	68	<10	2	92
61	3-L100 S8	<5	<0.2	1.79	5	165	<5	0.36	<1	10	26	9	3.03	10	0.60	313	<1	0.03	17	880	8	<5	<20	33	0.09	<10	64	<10	2	68
62	3-L100 S9	<5	<0.2	2.03	5	75	<5	0.20	<1	10	22	9	3.18	10	0.62	380	1	0.03	13	770	8	<5	<20	16	0.11	<10	64	<10	3	76
63	3-L100 S10	<5	<0.2	1.68	10	115	<5	0.29	<1	10	30	10	3.14	10	0.68	348	1	0.03	18	380	8	<5	<20	33	0.12	<10	68	<10	3	59
64	3-L100 S11	5	<0.2	1.66	10	175	<5	0.31	<1	10	32	11	2.98	<10	0.48	590	1	0.03	18	220	10	<5	<20	28	0.09	<10	61	<10	3	61
65	3-L100 S12	<5	<0.2	1.69	<5	135	<5	0.38	<1	11	20	6	3.04	<10	0.75	387	<1	0.03	12	880	6	<5	<20	42	0.12	<10	63	<10	2	76

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	3-L100 S13	5	<0.2	1.95	10	160	<5	0.31	<1	10	29	11	3.35	<10	0.63	365	1	0.03	17	750	8	<5	<20	28	0.09	<10	72	<10	2	67
67	3-L100 S14	<5	<0.2	2.09	5	145	<5	0.56	<1	12	25	9	3.47	<10	0.91	579	1	0.03	14	1530	8	<5	<20	33	0.13	<10	72	<10	2	89
68	3-L100 S15	<5	<0.2	1.71	5	170	<5	0.37	<1	11	21	7	2.75	<10	0.54	643	1	0.03	13	800	8	<5	<20	30	0.06	<10	54	<10	2	70
69	3-L100 S16	<5	<0.2	2.46	<5	185	<5	0.57	<1	15	15	5	3.97	<10	1.41	754	1	0.03	10	1530	6	<5	<20	59	0.17	<10	79	<10	2	122
70	3-L100 S17	5	<0.2	1.82	<5	85	10	0.26	<1	12	18	6	3.17	<10	0.76	477	<1	0.03	11	420	6	<5	<20	22	0.13	<10	66	<10	2	79
71	3-L100 S18	<5	<0.2	1.18	<5	135	<5	0.24	<1	9	14	5	2.54	<10	0.59	486	<1	0.03	8	500	6	<5	<20	25	0.11	<10	53	<10	1	49
72	3-L100 S19	10	<0.2	1.55	<5	125	<5	0.33	<1	10	15	5	2.75	<10	0.71	359	1	0.03	9	640	8	<5	<20	35	0.09	<10	56	<10	1	74
73	3-L100 S20	<5	<0.2	1.50	5	150	<5	0.28	<1	9	23	8	2.70	<10	0.57	286	2	0.03	14	390	10	<5	<20	25	0.08	<10	56	<10	2	55
74	3-L100 S21	<5	<0.2	1.81	5	160	<5	0.33	<1	11	21	11	3.14	<10	0.72	336	2	0.03	14	880	10	<5	<20	41	0.10	<10	65	<10	2	76
75	3-L100 S22	<5	<0.2	1.68	5	195	<5	0.29	<1	11	28	9	2.80	<10	0.50	378	2	0.03	16	520	12	<5	<20	33	0.10	<10	58	<10	2	76
76	3-L100 S23	5	<0.2	2.59	10	250	5	0.39	<1	14	25	10	4.59	<10	0.85	487	2	0.04	18	1830	16	<5	<20	59	0.06	<10	78	<10	3	102
77	3-L100 S24	<5	<0.2	1.59	5	255	<5	0.34	<1	11	25	8	2.94	<10	0.56	331	1	0.03	15	770	14	<5	<20	45	0.07	<10	58	<10	3	62
78	3-L100 S25	<5	<0.2	2.18	10	315	5	0.23	<1	12	28	10	3.53	<10	0.66	445	2	0.03	20	1490	14	<5	<20	29	0.08	<10	72	<10	2	67
79	3-L100 S26	<5	<0.2	1.98	5	235	<5	0.17	<1	10	36	16	2.77	<10	0.41	231	2	0.03	23	270	12	<5	<20	17	0.06	<10	60	<10	2	48
80	3-L100 S27	5	<0.2	1.51	10	210	<5	0.19	<1	8	30	13	2.72	<10	0.44	175	2	0.03	17	300	12	<5	<20	17	0.05	<10	58	<10	2	40
81	3-L100 S28	<5	<0.2	1.62	10	180	<5	0.21	<1	10	33	17	2.95	<10	0.48	259	2	0.03	21	520	12	<5	<20	19	0.05	<10	57	<10	2	49
82	3-L1600 S0	<5	<0.2	1.37	10	205	<5	0.27	<1	9	29	12	2.55	<10	0.46	254	2	0.03	16	370	10	<5	<20	22	0.07	<10	56	<10	3	36
83	3-L1600 S1	5	<0.2	1.31	10	155	<5	0.20	<1	7	26	12	2.40	<10	0.40	174	1	0.03	14	240	10	<5	<20	17	0.06	<10	55	<10	2	33
84	3-L1600 S2	<5	<0.2	1.41	10	125	<5	0.19	<1	8	29	22	2.70	<10	0.37	171	2	0.03	18	230	10	<5	<20	16	0.05	<10	62	<10	2	39
85	3-L1600 S3	<5	<0.2	1.22	10	90	<5	0.19	<1	8	25	10	2.55	<10	0.45	189	1	0.03	12	400	10	<5	<20	17	0.09	<10	58	<10	2	38
86	3-L1600 S4	<5	<0.2	2.17	5	185	<5	0.23	<1	14	24	15	3.39	<10	0.95	472	1	0.03	17	590	10	<5	<20	41	0.15	<10	73	<10	2	82
87	3-L1600 S5	<5	<0.2	1.15	<5	125	<5	0.19	<1	9	23	8	2.33	<10	0.35	268	1	0.03	12	330	10	<5	<20	20	0.07	<10	52	<10	2	37
88	3-L1600 S6	<5	<0.2	1.65	10	155	<5	0.19	<1	10	29	12	2.89	<10	0.48	244	2	0.03	17	500	12	<5	<20	21	0.08	<10	62	<10	2	46
89	3-L1600 S7	<5	<0.2	1.61	5	230	<5	0.26	<1	12	24	14	3.01	<10	0.58	410	1	0.03	12	850	12	<5	<20	23	0.10	<10	67	<10	1	60
90	3-L1600 S8	<5	<0.2	1.85	<5	130	5	0.26	<1	11	16	7	3.70	<10	0.82	437	1	0.03	9	2170	10	<5	<20	21	0.15	<10	78	<10	1	68
91	3-L1600 S9	<5	<0.2	1.37	10	140	<5	0.28	<1	9	24	10	2.82	<10	0.53	240	1	0.03	16	540	10	<5	<20	26	0.09	<10	63	<10	3	39
92	3-L1600 S10	5	<0.2	1.40	5	160	<5	0.37	<1	9	41	14	2.24	<10	0.53	226	1	0.03	16	250	8	<5	<20	55	0.07	<10	52	<10	2	33
93	3-L1600 S11	<5	<0.2	1.43	10	210	<5	0.19	<1	10	34	15	2.60	10	0.42	232	1	0.03	17	290	12	<5	<20	19	0.07	<10	55	<10	4	41
94	3-L1600 S12	<5	<0.2	2.56	5	195	5	0.42	<1	16	18	11	4.11	<10	1.20	625	2	0.04	13	1400	12	<5	<20	78	0.19	<10	86	<10	2	109
95	3-L1600 S13	<5	<0.2	1.59	10	125	<5	0.25	<1	10	31	12	2.71	<10	0.47	219	2	0.03	17	370	12	<5	<20	29	0.07	<10	58	<10	2	57
96	3-L1600 S14	5	<0.2	1.46	<5	225	<5	0.27	<1	16	25	8	2.52	<10	0.37	359	1	0.03	14	1140	12	<5	<20	31	0.06	<10	57	<10	2	47
97	3-L1600 S15	5	<0.2	1.21	5	140	<5	0.18	<1	9	28	9	2.31	<10	0.41	193	1	0.03	15	220	10	<5	<20	19	0.08	<10	50	<10	2	40
98	3-L1600 S16	<5	<0.2	1.38	5	170	<5	0.22	<1	9	28	10	2.52	<10	0.42	251	1	0.03	15	300	10	<5	<20	22	0.06	<10	54	<10	2	45
99	3-L1600 S17	5	<0.2	1.90	5	110	<5	0.19	<1	10	30	25	3.38	<10	0.45	200	2	0.03	19	160	12	<5	<20	31	0.07	<10	66	<10	2	54
100	3-L1600 S18	<5	<0.2	1.08	5	135	<5	0.36	<1	6	21	8	2.19	<10	0.40	147	1	0.03	11	440	8	<5	<20	30	0.07	<10	51	<10	3	32
101	3-L1600 S25	5	<0.2	1.44	10	270	<5	0.67	<1	11	34	33	2.70	10	0.54	389	1	0.04	30	580	12	<5	<20	37	0.07	<10	55	<10	11	47
102	3-L1600 S26	5	<0.2	1.33	10	230	<5	0.76	<1	10	29	24	2.43	10	0.48	385	1	0.04	21	530	10	<5	<20	43	0.07	<10	53	<10	7	41
103	3-L1400 S2	5	<0.2	1.55	10	175	<5	0.35	<1	11	31	12	3.04	10	0.56	327	1	0.03	17	830	12	<5	<20	25	0.12	<10	63	<10	4	56
104	3-L1400 S3	5	<0.2	1.85	5	160	<5	0.45	<1	12	19	7	3.26	<10	0.85	528	1	0.03	11	1170	8	<5	<20	49	0.14	<10	68	<10	1	77
105	3-L1400 S4	5	<0.2	1.45	10	150	<5	0.22	<1	9	29	12	2.76	<10	0.48	244	2	0.03	18	420	10	<5	<20	24	0.07	<10	58	<10	2	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	3-L1400 S5	<5	<0.2	1.83	5	155	<5	0.17	<1	11	22	7	3.42	<10	0.52	332	2	0.03	14	1170	10	<5	<20	23	0.12	<10	69	<10	1	69
107	3-L1400 S6	5	<0.2	1.34	5	130	<5	0.33	<1	8	26	12	2.47	20	0.61	234	1	0.03	15	520	10	<5	<20	37	0.09	<10	57	<10	4	39
108	3-L1400 S7	5	<0.2	1.59	5	110	<5	0.26	<1	9	22	9	2.72	<10	0.57	327	1	0.03	16	550	10	<5	<20	28	0.08	<10	58	<10	2	55
109	3-L1400 S8	<5	<0.2	1.34	5	125	<5	0.26	<1	9	27	9	2.56	<10	0.43	210	1	0.03	15	280	10	<5	<20	30	0.09	<10	54	<10	2	42
110	3-L1400 S9	<5	<0.2	1.32	5	170	<5	0.21	<1	9	27	7	2.36	<10	0.43	205	1	0.03	14	410	12	<5	<20	20	0.07	<10	56	<10	2	43
111	3-L1400 S10	<5	<0.2	1.50	10	165	<5	0.16	<1	10	31	12	2.75	<10	0.46	228	2	0.03	18	290	12	<5	<20	17	0.08	<10	57	<10	2	50
112	3-L1400 S11	5	<0.2	1.87	<5	145	<5	0.25	<1	11	19	7	3.09	<10	0.56	321	1	0.03	10	920	12	<5	<20	52	0.10	<10	62	<10	1	70
113	3-L1400 S12	5	<0.2	1.93	5	145	<5	0.27	<1	12	20	6	3.41	<10	0.77	490	1	0.03	11	860	10	<5	<20	28	0.15	<10	73	<10	1	73
114	3-L1800 S0	5	<0 2	1.02	10	195	<5	0.59	<1	11	32	29	2.59	10	0.47	448	1	0.04	28	980	10	<5	<20	31	0.07	<10	50	<10	11	60
115	3-L1800 S1	5	<0.2	0.89	5	130	<5	0.46	<1	8	25	14	1.94	10	0.34	381	1	0.03	14	820	6	<5	<20	29	0.05	<10	40	<10	6	39
116	3-L1800 S3	5	<0.2	1.09	10	235	<5	0.65	<1	8	26	15	2.27	<10	0.44	297	1	0.03	17	560	8	<5	<20	30	0.04	<10	44	<10	4	45
117	3-L1800 S4	5	<0.2	1.27	10	305	<5	0.66	<1	10	28	27	2.50	20	0.52	363	1	0.04	26	550	10	<5	<20	32	0.05	<10	47	<10	11	48
118	3-L1800 S5	<5	<0.2	1.05	10	160	<5	0.37	<1	8	25	16	2.34	10	0.41	237	1	0.03	16	600	10	<5	<20	25	0.06	<10	48	<10	5	43
119	3-L1800 S6	5	<0.2	1.09	5	140	<5	0.36	<1	8	26	19	2.34	20	0.48	236	1	0.03	17	720	8	<5	<20	25	0.07	<10	47	<10	8	47
120	3-L1800 S7	<5	<0.2	1.17	5	165	<5	0.36	<1	8	25	17	2.30	10	0.48	233	1	0.03	18	560	8	<5	<20	33	0.09	<10	52	<10	6	40
121	3-L1800 S9	<5	<0.2	1.56	<5	125	<5	0.35	<1	10	23	11	3.14	<10	0.57	291	1	0 04	12	460	8	<5	<20	54	0.11	<10	66	<10	2	57
122	3-L1800 S10	<5	<0.2	1.46	5	145	<5	0.17	<1	8	30	16	2.71	<10	0.44	198	1	0.03	17	310	12	<5	<20	23	0.07	<10	58	<10	2	38
123	3-L1800 S11	<5	<0.2	1.78	10	130	<5	0.11	<1	10	30	10	2.87	<10	0.49	224	2	0.03	18	290	12	<5	<20	13	0.09	<10	61	<10	2	53
124	3-L1800 S12	5	<0.2	1.61	5	175	<5	0.13	<1	10	30	11	2.69	<10	0.46	205	1	0.03	19	190	12	<5	<20	15	0.07	<10	56	<10	1	43
125	3-L1800 S13	5	<0.2	2.35	5	205	5	0.27	<1	14	21	10	3.70	<10	0.95	497	2	0.04	14	880	12	<5	<20	38	0.14	<10	78	<10	2	89
126	3-L1800 S14	5	<0.2	1.51	10	185	<5	0.20	<1	10	28	11	2.74	<10	0.43	290	1	0.03	17	450	12	<5	<20	21	0.06	<10	58	<10	2	45
127	3-L1800 S15	<5	<0.2	2.00	10	150	<5	0.14	<1	11	33	15	3.20	<10	0.52	245	2	0.03	22	290	12	<5	<20	20	0.08	<10	66	<10	2	50
128	3-L1800 S16	<5	<0.2	1.40	5	125	<5	0.16	<1	9	25	11	2.74	<10	0.43	235	1	0.03	15	760	12	<5	<20	16	0.08	<10	56	<10	2	49
129	3-L1800 S19	<5	<0.2	1.01	5	210	<5	0.41	<1	5	22	11	1.73	<10	0.35	117	<1	0.03	12	640	8	<5	<20	29	0.06	<10	43	<10	4	32
130	3-L1800 S20	<5	<0.2	1.18	10	240	<5	0.50	<1	9	32	20	2.36	10	0.50	225	1	0.03	23	540	10	<5	<20	29	0.06	<10	48	<10	7	46
131	3-L1800 S21	5	<0.2	1.47	10	310	<5	0.38	<1	11	31	15	2.53	<10	0.41	594	2	0.03	17	260	12	<5	<20	26	0 07	<10	61	<10	4	38
132	3-L1800 S24	5	<0.2	1.47	5	200	<5	0.78	<1	10	30	23	2.46	<10	0.47	323	1	0.03	18	410	10	<5	<20	39	0.07	<10	55	<10	6	37
133	022-MW	<5	<0.2	0.57	<5	95	<5	0.44	<1	8	18	13	1.77	10	0.36	375	<1	0.03	17	860	6	<5	<20	36	0.05	<10	37	<10	5	42
134	3-L1600 S19 N/S																													
135	3-L1600 S20 N/S																													
136	3-L1600 S21 N/S																													
137	3-L1600 S22 N/S																													
138	3-L1600 S23 N/S																													
139	3-L1600 S24 N/S																													
140	3-L1600 S27 N/S																													
141	3-L1600 S28 N/S																													
142	3-L1500 S18 N/S																													
143	3-L1500 S19 N/S																													
144	3-L1500 S21 N/S																													
145	3-L1500 S22 N/S																													

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	3-L1500 S23	N/S																												
147	3-L1500 S24	N/S																												
148	3-L1500 S25	N/S																												
149	3-L1500 S26	N/S																												
150	3-L1500 S27	N/S																												
151	3-L1500 S28	N/S																												
152	3-L1400 S0	N/S																												
153	3-L1400 S1	N/S																												
154	3-L1800 S2	N.S																												
155	3-L1800 S8	N/S																												
156	3-L1800 S17	N/S																												
157	3-L1800 S18	N/S																												
158	3-L1800 S22	N/S																												
159	3-L1800 S23	N/S																												
160	3-L1800 S25	N/S																												
161	3-L1800 S26	N/S																												
162	3-L1800 S27	N/S																												

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	3-L400 S0	5	<0.2	1.73	5	200	<5	0.30	<1	10	28	9	2.62	<10	0.56	239	1	0.03	18	460	8	<5	<20	33	0.09	<10	58	<10	2	67
10	3-L400 S9	5	<0.2	2.22	10	85	<5	0.24	<1	9	29	11	2.94	<10	0.57	221	2	0.03	17	410	10	<5	<20	30	0.09	<10	65	<10	1	61
19	3-L400 S18	5	<0.2	2.00	10	200	<5	0.17	<1	11	34	17	3.18	<10	0.55	297	1	0.03	21	320	10	<5	<20	17	0.07	<10	64	<10	2	47
28	3-L400 S27		<0.2	1.48	5	255	<5	0.57	<1	11	16	12	3.25	10	0.86	531	<1	0.03	11	1190	4	<5	<20	34	0.11	<10	68	<10	9	79
36	3-L1500 S3		<0.2	0.98	<5	215	<5	0.27	<1	6	18	11	1.90	<10	0.34	170	<1	0.03	10	250	6	<5	<20	24	0.08	<10	46	<10	3	28
38	3-L1500 S5	5																												
45	3-L1500 S12		<0.2	1.92	10	210	<5	0.21	<1	9	39	18	2.88	<10	0.54	229	2	0.03	20	280	10	<5	<20	21	0.07	<10	62	<10	2	48
46	3-L1500 S13	10																												
54	3-L100 S1		<0.2	1.93	10	145	<5	0.46	<1	13	24	13	3.90	20	0.76	423	1	0.03	15	890	8	<5	<20	26	0.09	<10	67	<10	5	99
55	3-L100 S2	<5																												
63	3-L100 S10	5	<0.2	1.73	10	115	10	0.29	<1	10	30	11	3.05	10	0.70	360	1	0.03	17	360	8	<5	<20	34	0.13	<10	66	<10	3	61
71	3-L100 S18	5	<0.2	1.30	<5	140	<5	0.26	<1	10	16	5	2.71	<10	0.62	504	<1	0.03	9	530	6	<5	<20	27	0.12	<10	58	<10	2	54
80	3-L100 S27	<5	<0.2	1.54	5	210	<5	0.20	<1	8	30	11	2.72	<10	0.45	175	2	0.03	17	300	12	<5	<20	18	0.05	<10	59	<10	2	41
89	3-L1600 S7		<0.2	1.64	5	225	<5	0.25	<1	12	24	7	3.04	<10	0.57	407	2	0.03	12	830	12	<5	<20	23	0.11	<10	69	<10	2	59
92	3-L1600 S10	<5																												
98	3-L1600 S16		<0.2	1.42	5	175	<5	0.23	<1	10	28	10	2.49	<10	0.45	254	2	0.03	16	300	10	<5	<20	24	0.07	<10	55	<10	2	46
103	3-L1400 S2	5																												
106	3-L1400 S5		<0.2	1.88	5	155	<5	0.20	<1	12	21	7	3.32	<10	0.54	333	2	0.03	14	1240	10	<5	<20	24	0.12	<10	69	<10	1	69
108	3-L1400 S7	<5																												
115	3-L1800 S1		<0.2	0.91	5	140	<5	0.48	<1	9	25	15	2.12	10	0.36	404	1	0.03	15	810	8	<5	<20	30	0.06	<10	44	<10	6	42
122	3-L1800 S10	<5																												
124	3-L1800 S12		<0.2	1.65	5	175	<5	0.14	<1	10	32	11	2.77	<10	0.46	210	1	0.03	19	190	12	<5	<20	15	0.08	<10	58	<10	2	44
129	3-L1800 S19	5																												

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Till-3			1.6	1.01	80	35	<5	0.56	<1	12	60	20	1.96	10	0.57	306	<1	0.04	30	450	18	<5	<20	16	0.06	<10	37	<10	6	40
Till-3			1.4	1.02	75	35	5	0.52	<1	11	59	19	1.93	10	0.55	303	<1	0.04	29	420	16	<5	<20	16	0.06	<10	37	<10	6	37
Till-3			1.6	1.09	85	40	<5	0.58	<1	13	62	22	2.03	10	0.60	301	1	0.04	32	470	20	<5	<20	18	0.07	<10	38	<10	6	39
Till-3			1.5	1.03	80	35	<5	0.55	<1	12	62	21	2.00	10	0.58	297	1	0.04	31	440	20	<5	<20	16	0.07	<10	37	<10	6	37
SF30		840																												
SF30		835																												
OXE74		610																												
OXE74		620																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/1_741AS/1_741BS
XLS/09

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

19-Nov-09

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
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Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2009- 0742

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 175
Sample Type: Soils
Project: SFN-9542-YT
Shipment #: 1
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	LOE -250N	5	<0.2	1.69	10	220	<5	0.62	<1	14	34	23	2.89	10	0.67	379	1	0.04	28	590	12	<5	<20	45	0.09	<10	66	<10	8	45
2	LOE -200N	5	<0.2	1.22	5	175	<5	0.51	<1	10	25	15	2.19	<10	0.55	220	<1	0.03	22	640	8	<5	<20	34	0.07	<10	52	<10	4	38
3	LOE -150N N/S																													
4	LOE -100N	5	<0.2	1.41	5	210	<5	0.99	<1	22	29	15	2.40	<10	0.71	1423	1	0.05	30	850	10	<5	<20	75	0.07	<10	58	<10	6	48
5	LOE -50N	15	<0.2	1.64	5	245	<5	0.96	<1	15	37	24	2.60	10	0.84	348	1	0.05	40	880	12	<5	<20	77	0.07	<10	66	<10	8	50
6	LOE 100N N/S																													
7	LOE 150N N/S																													
8	LOE 200N	5	<0.2	1.50	5	265	<5	1.00	<1	13	35	25	2.55	10	0.57	297	1	0.04	31	660	10	<5	<20	71	0.06	<10	60	<10	9	38
9	LOE 250N N/S																													
10	LOE 300N N/S																													
11	LOE 350N	5	<0.2	1.33	5	215	<5	0.57	<1	10	30	17	2.32	<10	0.53	259	1	0.03	20	460	10	<5	<20	37	0.07	<10	56	<10	4	37
12	LOE 400N	<5	<0.2	1.51	5	210	<5	0.36	<1	11	32	24	2.88	<10	0.39	251	1	0.03	19	510	10	<5	<20	26	0.07	<10	67	<10	5	48
13	LOE 450N	5	<0.2	1.71	5	215	<5	0.23	<1	10	27	13	2.54	<10	0.32	197	1	0.02	19	450	12	<5	<20	21	0.05	<10	57	<10	2	45
14	LOE 500N	5	<0.2	1.73	5	175	<5	0.26	<1	12	30	29	2.77	<10	0.48	389	2	0.03	18	480	12	<5	<20	21	0.08	<10	61	<10	2	73
15	LOE 550N	<5	<0.2	1.79	5	190	<5	0.25	<1	13	29	24	3.00	<10	0.56	583	2	0.03	23	590	14	<5	<20	21	0.09	<10	65	<10	2	292
16	LOE 600N	5	0.2	2.41	10	135	<5	0.29	<1	14	26	65	3.84	<10	0.83	636	2	0.03	18	580	16	<5	<20	22	0.17	<10	86	<10	2	346
17	LOE 650N	<5	<0.2	1.61	<5	220	<5	0.23	<1	12	24	11	2.86	<10	0.51	582	1	0.03	14	350	12	<5	<20	18	0.10	<10	67	<10	2	282
18	LOE 750N	<5	0.2	1.71	5	210	<5	0.40	<1	19	33	25	3.22	<10	0.84	1305	2	0.03	35	1050	12	<5	<20	29	0.12	<10	80	<10	2	74
19	LOE 800N	5	0.2	1.75	5	165	<5	0.32	<1	14	32	136	3.25	10	0.89	394	2	0.03	35	620	10	<5	<20	28	0.12	<10	77	<10	3	64
20	LOE 850N	5	0.2	1.34	5	130	<5	0.28	<1	13	24	117	2.98	20	0.63	547	2	0.03	17	270	10	<5	<20	24	0.14	<10	79	<10	4	59
21	LOE 900N	5	0.2	1.66	<5	240	<5	0.49	<1	17	20	113	3.24	10	0.73	1077	1	0.03	14	720	10	<5	<20	34	0.15	<10	71	<10	6	126
22	LOE 950N	5	<0.2	2.47	10	150	<5	0.47	<1	16	45	52	3.62	<10	0.99	376	2	0.03	44	950	16	<5	<20	40	0.14	<10	81	<10	2	74
23	LOE 1000N	5	0.2	3.06	5	195	<5	0.60	<1	25	8	543	5.86	20	1.93	1825	2	0.05	6	1710	10	<5	<20	27	0.32	<10	128	<10	8	258
24	LOE 1050N	5	0.2	3.09	10	160	<5	0.67	<1	24	22	1036	4.80	10	1.38	779	3	0.04	22	1890	8	<5	<20	36	0.20	<10	107	<10	5	151
25	LOE 1100N	5	<0.2	2.81	15	315	5	0.29	<1	15	37	19	3.90	<10	0.73	529	2	0.04	27	1850	18	<5	<20	27	0.08	<10	83	<10	2	76

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	LOE 1150N	5	<0.2	1.61	10	150	<5	0.31	<1	9	26	15	2.91	<10	0.45	274	1	0.03	15	610	12	<5	<20	26	0.08	<10	71	<10	2	39
27	GI LOE 1200 N A	<5	<0.2	2.98	15	220	5	0.46	<1	17	33	47	4.71	<10	1.06	440	2	0.04	29	2290	20	<5	<20	44	0.07	<10	102	<10	4	89
28	GI LOE 1200N B	<5	<0.2	2.81	<5	160	<5	0.41	<1	18	22	18	4.09	<10	0.97	501	2	0.04	15	810	14	<5	<20	27	0.19	<10	90	<10	2	94
29	GI LOE 1300N	<5	<0.2	1.41	5	215	<5	0.71	<1	11	26	31	2.73	10	0.63	428	1	0.04	18	1140	10	<5	<20	34	0.10	<10	57	<10	6	71
30	LOE 1350N	5	<0.2	0.98	5	195	<5	0.58	<1	9	26	21	2.09	10	0.41	305	1	0.03	20	950	10	<5	<20	31	0.06	<10	41	<10	7	49
31	LOE-LOS 1400N	<5	<0.2	1.34	5	230	<5	0.67	<1	10	36	20	2.56	10	0.55	309	1	0.04	24	870	10	<5	<20	34	0.07	<10	52	<10	6	61
32	LOE 1450N	<5	<0.2	1.28	5	185	<5	0.58	<1	10	28	23	2.31	10	0.46	299	<1	0.03	19	720	10	<5	<20	29	0.07	<10	49	<10	5	47
33	LOE 1550N	<5	<0.2	1.68	5	220	<5	0.80	<1	11	32	24	2.60	10	0.54	288	<1	0.04	22	610	10	<5	<20	39	0.08	<10	59	<10	7	45
34	LOE 1600N	5	<0.2	1.49	10	295	<5	1.27	<1	14	29	29	2.36	10	0.53	614	1	0.04	29	700	10	<5	<20	63	0.06	<10	56	<10	8	39
35	LOE 1650N	5	<0.2	1.53	5	195	<5	0.72	<1	12	33	27	2.65	20	0.58	385	1	0.04	24	800	10	<5	<20	37	0.08	<10	58	<10	9	51
36	LOE 1700N	10	<0.2	0.91	5	135	<5	0.75	<1	9	20	16	1.88	<10	0.38	275	<1	0.03	15	730	8	<5	<20	37	0.06	<10	46	<10	4	38
37	LOE 1750N	5	<0.2	1.43	5	245	<5	0.70	<1	12	32	44	2.85	20	0.52	357	1	0.04	25	620	10	<5	<20	31	0.07	<10	63	<10	14	47
38	LOE 1800N	5	<0.2	0.96	<5	120	<5	0.36	<1	8	24	17	2.02	<10	0.35	178	<1	0.03	13	530	8	<5	<20	27	0.07	<10	52	<10	4	35
39	LOE 1850N	<5	<0.2	1.64	5	220	<5	0.31	<1	9	27	20	2.55	<10	0.39	183	1	0.03	23	910	10	<5	<20	25	0.05	<10	54	<10	3	43
40	LOE 1900N	<5	<0.2	1.80	5	300	<5	0.24	<1	10	29	13	2.69	<10	0.42	205	1	0.03	19	530	12	<5	<20	21	0.05	<10	60	<10	2	50
41	LOE 1950N	<5	<0.2	0.51	<5	95	<5	0.17	<1	3	12	8	1.33	<10	0.10	95	<1	0.02	6	330	4	<5	<20	14	0.04	<10	33	<10	2	19
42	LOE 2000N	<5	<0.2	1.61	5	235	<5	0.38	<1	10	35	21	2.64	<10	0.51	216	1	0.03	22	260	12	<5	<20	25	0.08	<10	58	<10	3	49
43	LOE 2050N	5	<0.2	2.17	5	180	<5	0.31	<1	19	33	31	3.77	<10	0.76	751	2	0.03	27	910	12	<5	<20	22	0.12	<10	81	<10	3	74
44	LOE 2100N	<5	<0.2	1.58	<5	225	<5	0.34	<1	13	23	21	2.85	<10	0.46	601	1	0.03	18	880	10	<5	<20	27	0.07	<10	61	<10	2	54
45	LOE 2150N	5	<0.2	1.98	10	120	<5	0.28	<1	10	37	29	3.01	<10	0.57	201	1	0.03	27	470	12	<5	<20	25	0.07	<10	70	<10	2	48
46	LOE 2200N	5	<0.2	1.60	10	155	<5	0.36	<1	12	41	26	2.79	<10	0.75	225	1	0.03	39	360	10	<5	<20	30	0.09	<10	65	<10	2	44
47	LOE 2250N	<5	<0.2	1.89	5	95	<5	0.28	<1	9	12	57	3.57	<10	0.47	416	1	0.03	11	700	10	<5	<20	23	0.04	<10	65	<10	5	87
48	LOE 2300N	<5	<0.2	1.88	<5	305	<5	0.46	<1	14	20	9	3.44	<10	0.74	528	1	0.03	13	1400	10	<5	<20	32	0.10	<10	71	<10	2	78
49	LOE 2350N	<5	<0.2	2.24	5	190	<5	0.31	<1	15	32	15	3.49	<10	0.75	318	1	0.03	27	590	12	<5	<20	23	0.10	<10	81	<10	2	57
50	LOE 2400N	5	<0.2	1.64	5	210	<5	0.47	<1	14	38	27	2.86	<10	0.90	288	1	0.04	46	500	10	<5	<20	29	0.08	<10	68	<10	4	45
51	LOE 2450N	<5	<0.2	1.44	5	100	<5	0.26	<1	8	21	10	2.62	<10	0.38	184	1	0.02	14	530	10	<5	<20	21	0.03	<10	58	<10	2	44
52	LOE 2500N	<5	<0.2	1.53	<5	175	<5	0.31	<1	10	21	9	2.78	<10	0.51	568	1	0.03	14	390	10	<5	<20	27	0.05	<10	58	<10	2	69
53	LOE 2550N	<5	<0.2	2.32	5	155	<5	0.25	<1	14	23	11	3.66	<10	0.57	352	2	0.03	17	1370	14	<5	<20	15	0.07	<10	78	<10	2	75
54	LOE 2600N	<5	<0.2	1.56	5	210	<5	0.24	<1	10	25	14	2.78	<10	0.42	266	1	0.03	17	620	12	<5	<20	17	0.06	<10	63	<10	2	44
55	LOE 2650N	<5	<0.2	1.37	5	165	<5	0.25	<1	8	28	14	2.15	<10	0.42	141	<1	0.03	19	350	10	<5	<20	14	0.05	<10	51	<10	3	37
56	LOE 2700N	<5	<0.2	1.38	5	160	<5	0.29	<1	9	28	15	2.36	<10	0.46	193	1	0.03	23	330	10	<5	<20	18	0.05	<10	52	<10	3	39
57	LOE 2750N	<5	<0.2	1.24	5	195	<5	0.34	<1	9	26	22	2.12	<10	0.38	166	1	0.03	21	430	8	<5	<20	18	0.04	<10	42	<10	4	42
58	LOE 2800N	5	<0.2	1.18	5	290	<5	0.71	<1	9	23	16	2.05	<10	0.36	358	1	0.03	18	450	8	<5	<20	28	0.04	<10	44	<10	4	41
59	LOE 2850N	<5	<0.2	1.38	5	290	<5	0.61	<1	10	27	16	2.29	<10	0.46	292	1	0.03	19	430	10	<5	<20	28	0.06	<10	52	<10	3	36
60	LOE 2900N	5	<0.2	1.54	10	340	<5	0.73	<1	13	33	25	2.66	10	0.58	356	1	0.03	28	460	12	<5	<20	30	0.06	<10	54	<10	8	50
61	LOE 2950N N/S																													
62	LOE 3000N	<5	<0.2	1.02	5	195	<5	0.60	<1	11	31	24	2.20	<10	0.50	405	1	0.03	24	760	8	<5	<20	28	0.05	<10	41	<10	7	51
63	L100E 0N	10	<0.2	1.22	5	240	<5	0.74	<1	8	24	20	2.12	10	0.45	325	<1	0.03	21	750	10	<5	<20	40	0.05	<10	45	<10	6	42
64	L100E 50N	5	<0.2	1.09	5	205	<5	0.62	<1	9	24	21	2.17	10	0.38	319	<1	0.03	19	780	8	<5	<20	29	0.06	<10	46	<10	8	44
65	L100E 100N	5	<0.2	0.95	<5	145	<5	0.40	<1	7	22	12	1.87	<10	0.36	206	<1	0.03	15	610	8	<5	<20	21	0.06	<10	43	<10	4	33

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	L100E 150N	<5	<0.2	1.30	10	145	<5	0.23	<1	7	26	10	2.53	<10	0.33	189	1	0.03	15	280	12	<5	<20	20	0.07	<10	65	<10	2	31
67	L100E 200N	<5	<0.2	2.24	10	210	<5	0.28	<1	14	32	17	3.57	<10	0.72	348	1	0.03	26	680	14	<5	<20	25	0.09	<10	80	<10	2	61
68	L100E 250N	<5	<0.2	2.04	10	175	<5	0.40	<1	15	36	17	3.02	<10	0.78	307	1	0.03	34	640	12	<5	<20	32	0.10	<10	69	<10	2	63
69	L100E 300N	<5	<0.2	2.65	10	180	<5	0.33	<1	18	28	99	3.79	<10	1.03	413	2	0.04	30	1280	14	<5	<20	35	0.13	<10	85	<10	2	71
70	L100E 350N	<5	<0.2	1.56	5	210	<5	0.29	<1	10	30	13	2.57	<10	0.50	208	1	0.03	22	780	12	<5	<20	24	0.07	<10	59	<10	2	48
71	L100E 400N	5	<0.2	2.12	10	225	<5	0.42	<1	15	40	33	3.28	<10	0.88	334	1	0.03	38	830	12	<5	<20	33	0.11	<10	77	<10	2	57
72	L100E 450N	5	<0.2	1.69	5	125	<5	0.34	<1	11	32	44	2.66	20	0.64	347	1	0.03	22	390	12	<5	<20	24	0.08	<10	63	<10	6	53
73	L100E 500N	15	<0.2	2.02	<5	170	<5	0.52	<1	16	9	104	3.33	<10	0.95	449	1	0.04	8	1310	10	<5	<20	30	0.16	<10	82	<10	2	86
74	L100E 550N	5	0.4	1.79	5	135	<5	0.24	<1	10	28	62	2.76	<10	0.48	219	2	0.03	16	420	14	<5	<20	18	0.07	<10	64	<10	2	61
75	L100E 600N	5	<0.2	1.34	<5	130	<5	0.52	<1	12	27	147	2.55	10	0.80	292	<1	0.04	31	920	10	<5	<20	32	0.12	<10	64	<10	6	54
76	L100E 650N	5	<0.2	1.41	5	175	<5	0.54	<1	11	24	132	2.61	20	0.71	402	1	0.04	26	1060	8	<5	<20	35	0.10	<10	58	<10	9	64
77	L100E 750N	<5	<0.2	1.48	5	145	<5	0.18	<1	11	26	63	3.04	<10	0.43	263	2	0.03	14	760	14	<5	<20	14	0.08	<10	70	<10	2	74
78	L100E 800N	<5	<0.2	2.52	<5	190	5	0.64	<1	17	10	139	4.77	<10	1.16	710	2	0.04	8	2030	14	<5	<20	31	0.10	<10	90	<10	5	184
79	L100E 850N	<5	<0.2	1.61	<5	260	<5	0.27	<1	13	26	24	2.83	<10	0.49	546	1	0.03	17	1170	12	<5	<20	20	0.08	<10	60	<10	2	94
80	L100E 900N	<5	0.4	2.28	5	230	<5	0.36	<1	16	15	42	3.89	<10	0.96	1165	2	0.03	11	1450	16	<5	<20	18	0.21	<10	86	<10	3	339
81	L100E 950N	<5	0.2	2.31	5	170	5	0.35	<1	16	20	87	4.36	<10	0.90	781	2	0.04	13	890	14	<5	<20	22	0.15	<10	84	<10	3	417
82	L100E 1000N	<5	<0.2	0.92	<5	135	<5	0.40	<1	9	23	28	1.94	<10	0.46	337	<1	0.03	20	530	6	<5	<20	26	0.07	<10	45	<10	4	51
83	L100E 1050N	5	<0.2	0.96	<5	170	<5	0.44	<1	9	23	17	2.07	<10	0.39	263	<1	0.03	16	570	6	<5	<20	25	0.08	<10	53	<10	3	41
84	L100E 1200N N/S																													
85	L100E 1250N	<5	<0.2	1.55	5	240	<5	0.71	<1	15	36	61	2.66	10	0.69	335	1	0.04	36	630	10	<5	<20	61	0.08	<10	63	<10	10	39
86	L100E 1300N N/S																													
87	L100E 1350N	5	<0.2	1.74	5	295	<5	0.94	<1	15	41	41	2.78	10	0.63	414	1	0.04	34	600	12	<5	<20	58	0.07	<10	72	<10	10	37
88	L100E 1400N	5	<0.2	1.07	10	130	<5	0.65	<1	12	24	30	2.73	<10	0.67	263	<1	0.05	28	1080	8	<5	<20	47	0.10	<10	59	<10	5	39
89	L100E 1450N	5	<0.2	1.54	5	220	<5	0.80	<1	14	33	25	2.64	10	0.79	318	<1	0.04	39	940	10	<5	<20	59	0.07	<10	68	<10	9	44
90	L100E 1500N	5	<0.2	0.98	<5	120	<5	0.57	<1	12	23	17	2.10	<10	0.62	386	<1	0.05	25	870	8	<5	<20	41	0.10	<10	54	<10	5	35
91	L200E 0N	5	<0.2	1.37	5	190	<5	0.72	<1	11	28	24	2.23	10	0.51	328	1	0.03	23	760	8	<5	<20	43	0.07	<10	52	<10	9	38
92	L200E 50N	5	<0.2	1.32	5	290	<5	1.18	<1	15	29	28	2.34	10	0.48	605	1	0.03	29	940	10	<5	<20	70	0.05	<10	54	<10	10	31
93	L200E 100N	5	<0.2	1.55	10	230	<5	0.78	<1	13	32	30	2.65	10	0.55	271	<1	0.04	27	680	10	<5	<20	48	0.07	<10	60	<10	9	38
94	L200E 150N	5	<0.2	1.02	5	160	<5	0.71	<1	12	23	20	1.97	10	0.47	556	<1	0.04	20	880	6	<5	<20	44	0.06	<10	45	<10	7	36
95	L200E 200N	15	<0.2	1.76	5	225	<5	1.00	<1	14	36	21	2.45	10	0.76	569	1	0.04	27	870	10	<5	<20	73	0.06	<10	58	<10	6	49
96	L200E 250N	5	<0.2	0.96	5	145	<5	0.66	<1	11	22	19	1.93	10	0.37	372	<1	0.03	16	910	6	<5	<20	43	0.05	<10	44	<10	7	37
97	L200E 300N	10	<0.2	1.34	5	190	<5	1.01	<1	12	27	19	2.35	10	0.53	353	1	0.04	21	830	8	<5	<20	71	0.06	<10	56	<10	8	37
98	L200E 350N	5	<0.2	1.53	<5	210	<5	0.89	<1	11	32	24	2.04	10	0.74	207	<1	0.04	31	800	10	<5	<20	60	0.07	<10	53	<10	8	49
99	L200E 400N N/S																													
100	L200E 450N N/S																													
101	L200E 500N	5	<0.2	0.79	<5	125	<5	0.63	<1	7	19	15	1.65	10	0.37	225	<1	0.03	14	840	6	<5	<20	39	0.06	<10	38	<10	6	33
102	L200E 550N N/S																													
103	L200E 600N N/S																													
104	L200E 650N	5	<0.2	0.72	<5	105	<5	0.53	<1	7	14	20	1.75	10	0.36	299	<1	0.03	12	960	4	<5	<20	28	0.06	<10	38	<10	5	38
105	L200E 700N	5	<0.2	1.20	5	175	<5	1.06	<1	11	25	50	2.08	10	0.56	305	2	0.03	22	810	8	<5	<20	75	0.06	<10	48	<10	7	39

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	L200E 750N	<5	<0.2	1.13	5	140	<5	0.49	<1	10	24	12	2.27	<10	0.56	359	1	0.03	17	480	8	<5	<20	31	0.07	<10	52	<10	3	37
107	L200E 800N	<5	<0.2	1.42	5	280	<5	0.45	<1	13	28	25	2.59	<10	0.69	408	1	0.03	27	490	10	<5	<20	32	0.07	<10	57	<10	5	45
108	L200E 850N	<5	<0.2	0.90	<5	175	<5	0.61	<1	7	18	46	1.85	10	0.47	323	<1	0.03	14	880	6	<5	<20	30	0.06	<10	39	<10	6	39
109	L200E 900N		<0.2	<0.01	<5	<5	<5	<0.01	<1	<1	<1	<1	<0.01	<10	<0.01	<1	<1	<0.01	<1	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	<1
110	L200E 950N	5	<0.2	1.32	10	310	<5	0.63	<1	12	28	55	2.43	20	0.52	362	1	0.03	25	650	10	<5	<20	29	0.05	<10	48	<10	14	41
111	L200E 1000N N/S																													
112	L200E 1050N	5	<0.2	1.23	5	180	<5	0.62	<1	13	21	115	2.72	<10	0.78	424	1	0.04	19	940	8	<5	<20	30	0.09	<10	58	<10	4	60
113	L200E 1100N	5	<0.2	1.54	5	225	<5	0.75	<1	12	22	66	2.91	20	0.77	307	1	0.04	18	800	8	<5	<20	44	0.11	<10	66	<10	6	49
114	L200E 1150N	5	<0.2	1.36	<5	165	<5	0.65	<1	15	14	36	2.87	<10	0.90	562	1	0.03	9	1240	6	<5	<20	33	0.13	<10	63	<10	4	70
115	L200E 1200N	<5	<0.2	1.84	<5	175	<5	0.91	<1	15	16	85	3.43	10	1.14	518	2	0.04	12	1550	8	<5	<20	44	0.13	<10	80	<10	4	82
116	L200E 1250N	<5	<0.2	1.44	5	180	<5	0.78	<1	13	28	71	2.67	20	0.87	329	1	0.04	30	950	8	<5	<20	42	0.09	<10	62	<10	14	49
117	L200E 1300N	<5	<0.2	1.31	5	220	<5	0.67	<1	14	27	48	2.66	10	0.63	492	1	0.03	23	940	10	<5	<20	36	0.06	<10	46	<10	9	60
118	L200E 1350N	5	<0.2	1.36	5	210	<5	0.60	<1	14	26	44	2.54	10	0.72	484	1	0.04	26	970	10	<5	<20	33	0.08	<10	51	<10	11	55
119	L200E 1400N N/S																													
120	L200E 1450N	10	<0.2	1.35	5	285	<5	0.87	<1	14	29	27	2.49	10	0.68	501	1	0.04	30	940	10	<5	<20	39	0.07	<10	51	<10	9	46
121	L200E 1550N	<5	<0.2	0.90	<5	140	<5	0.49	<1	7	19	11	1.79	<10	0.43	225	<1	0.03	14	740	6	<5	<20	26	0.05	<10	40	<10	3	33
122	L200E 1600N	5	<0.2	1.27	5	255	<5	0.65	<1	13	27	24	2.27	10	0.61	475	1	0.03	25	830	8	<5	<20	35	0.06	<10	48	<10	7	45
123	L200E 1650N	<5	<0.2	1.03	<5	175	<5	0.65	<1	8	23	19	1.86	10	0.48	306	<1	0.04	16	940	6	<5	<20	33	0.05	<10	38	<10	6	40
124	L200E 1700N	<5	<0.2	1.34	5	185	<5	0.32	<1	11	28	12	2.43	<10	0.66	281	2	0.03	25	250	8	<5	<20	21	0.06	<10	64	<10	2	37
125	L200E 1750N	<5	<0.2	1.12	<5	225	<5	0.27	<1	9	24	12	1.97	<10	0.43	232	1	0.02	19	330	8	<5	<20	20	0.05	<10	43	<10	2	27
126	L200E 1800N	<5	<0.2	0.99	5	170	<5	0.62	<1	10	22	18	2.03	10	0.46	330	1	0.03	20	610	6	<5	<20	29	0.06	<10	44	<10	6	29
127	L200E 1850N	<5	<0.2	1.09	<5	220	<5	0.71	<1	10	23	16	1.86	<10	0.52	218	<1	0.03	18	750	8	<5	<20	35	0.06	<10	41	<10	5	38
128	L200E 1900N	<5	<0.2	0.90	5	200	<5	0.68	<1	8	21	25	1.95	10	0.41	349	1	0.03	17	640	6	<5	<20	31	0.04	<10	38	<10	9	36
129	L200E 1950N	<5	<0.2	0.80	<5	215	<5	0.54	<1	8	18	19	1.73	<10	0.34	324	1	0.03	16	680	6	<5	<20	26	0.05	<10	37	<10	7	28
130	L200E 2000N	5	<0.2	0.76	5	170	<5	0.48	<1	8	18	18	1.84	<10	0.32	331	1	0.03	14	700	6	<5	<20	28	0.05	<10	36	<10	5	39
131	L200E 2050N	<5	<0.2	1.35	5	375	<5	0.85	<1	9	28	25	2.31	<10	0.45	310	2	0.03	27	330	8	<5	<20	40	0.04	<10	45	<10	5	40
132	L200E 2100N	<5	<0.2	1.34	5	245	<5	0.40	<1	12	28	30	2.74	<10	0.65	322	1	0.03	26	470	8	<5	<20	23	0.07	<10	56	<10	5	47
133	L200E 2150N	<5	<0.2	0.91	5	175	<5	0.59	<1	11	26	25	2.16	10	0.50	476	1	0.03	23	890	8	<5	<20	31	0.05	<10	40	<10	7	47
134	L200E 2200N N/S																													
135	L200E 2250N N/S																													
136	L200E 2300N	<5	<0.2	1.71	<5	110	<5	0.36	<1	13	13	16	4 16	<10	0.85	397	2	0.04	7	1280	8	<5	<20	23	0.11	<10	91	<10	2	74
137	L200E 2350N	<5	<0.2	1.19	10	245	<5	0.55	<1	14	31	23	2.69	10	0.84	456	1	0.04	38	800	10	<5	<20	35	0:08	<10	60	<10	9	40
138	L200E 2400N	<5	<0.2	1.47	5	255	<5	0.45	<1	14	32	28	2.59	<10	0.79	708	1	0.04	42	720	10	<5	<20	27	0.07	<10	55	<10	6	43
139	L200E 2450N	5	<0.2	1.63	<5	205	<5	0.32	<1	11	22	7	2.88	<10	0.57	353	2	0.03	15	900	10	<5	<20	21	0.06	<10	59	<10	2	55
140	L200E 2500N	<5	<0.2	1.24	<5	120	<5	0.33	<1	8	28	9	2.32	<10	0.46	192	1	0.03	16	430	8	<5	<20	21	0.06	<10	53	<10	2	32
141	L200E 2550N	<5	<0.2	1.52	5	155	<5	0.35	<1	10	33	10	2.69	<10	0.55	194	1	0.03	20	430	10	<5	<20	26	0.07	<10	63	<10	2	35
142	L200E 2600N	<5	<0.2	1.17	<5	215	<5	0.36	<1	11	23	9	2.54	<10	0.48	500	1	0.03	16	580	8	<5	<20	25	0.07	<10	55	<10	2	38
143	L200E 2650N	<5	<0.2	1.78	<5	190	<5	0.32	<1	12	22	10	3.07	<10	0.77	449	1	0.03	14	630	10	<5	<20	27	0.10	<10	66	<10	2	62
144	L200E 2700N	<5	<0.2	1.69	10	220	<5	0.36	<1	11	35	13	2.67	<10	0.67	269	1	0.03	25	610	10	<5	<20	30	0.07	<10	61	<10	2	42
145	L200E 2750N	<5	<0.2	1.64	5	210	<5	0.44	<1	13	35	17	2.76	<10	0.85	382	1	0.03	38	860	10	<5	<20	35	0.08	<10	60	<10	2	44

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	L200E 2800N	<5	<0.2	1.54	<5	175	<5	0.36	<1	12	24	14	2.64	<10	0.56	435	1	0.03	17	640	10	<5	<20	27	0.07	<10	58	<10	2	49
147	L200E 2850N	<5	<0.2	1.65	5	290	<5	0.32	<1	13	32	14	2.68	<10	0.68	347	1	0.03	27	670	10	<5	<20	25	0.07	<10	58	<10	2	43
148	L200E 2900N	<5	<0.2	0.99	<5	185	<5	0.38	<1	10	25	25	2.00	10	0.44	216	1	0.03	18	690	6	<5	<20	23	0.04	<10	38	<10	6	42
149	L200E 2950N	<5	<0.2	0.76	5	180	<5	0.79	<1	9	22	22	1.80	<10	0.41	391	1	0.03	19	890	6	<5	<20	29	0.04	<10	33	<10	7	43
150	L200E 3000N	5	<0.2	1.41	10	260	<5	0.72	<1	16	35	40	2.90	10	0.80	512	2	0.03	37	770	12	<5	<20	39	0.04	<10	45	<10	8	79
151	L200E 3050N	5	<0.2	1.34	10	280	<5	0.72	<1	14	31	29	2.59	10	0.71	491	2	0.03	30	690	10	<5	<20	38	0.05	<10	48	<10	7	57
152	L200E 3150N	5	<0.2	0.90	<5	465	<5	2.63	<1	8	17	32	1.37	<10	0.54	339	<1	0.03	25	680	6	<5	<20	116	0.02	<10	24	<10	7	31
153	L1200E 1550N	<5	<0.2	1.31	5	420	<5	0.19	<1	8	28	11	2.21	<10	0.54	220	1	0.03	18	160	10	<5	<20	17	0.05	<10	51	<10	4	35
154	L1200E 1600N	<5	<0.2	1.08	5	875	<5	0.29	<1	6	22	12	1.95	10	0.37	323	1	0.03	13	220	12	<5	<20	29	0.03	<10	47	<10	19	30
155	L1200E 1650N	<5	<0.2	1.77	5	320	<5	0.23	<1	9	28	12	2.66	<10	0.52	311	2	0.03	19	290	12	<5	<20	17	0.05	<10	61	<10	5	42
156	L1200E 1700N	<5	<0.2	1.55	5	220	<5	0.25	<1	10	23	8	2.65	<10	0.47	305	1	0.03	13	620	10	<5	<20	20	0.05	<10	59	<10	2	52
157	L1200E 1750N	<5	<0.2	2.25	10	265	<5	0.17	<1	15	35	12	3.19	<10	0.50	377	2	0.03	19	670	16	<5	<20	14	0.06	<10	67	<10	2	93
158	L1200E 1800N	<5	<0.2	1.87	10	230	<5	0.15	<1	9	35	13	2.81	<10	0.51	226	2	0.03	18	380	12	<5	<20	17	0.06	<10	56	<10	2	42
159	L1200E 1850N	<5	<0.2	1.88	10	230	<5	0.27	<1	12	32	16	3.08	<10	0.67	382	2	0.03	24	560	12	<5	<20	24	0.07	<10	63	<10	2	46
160	L1200E 1900N	<5	<0.2	1.38	5	175	<5	0.29	<1	9	28	13	2.41	<10	0.61	210	1	0.03	20	480	8	<5	<20	23	0.07	<10	54	<10	4	35
161	L1200E 1950NA	<5	<0.2	1.60	5	185	<5	0.30	<1	9	32	33	2.62	<10	0.64	171	1	0.03	24	350	10	<5	<20	23	0.07	<10	58	<10	3	35
162	L1200E 1950NB	<5	<0.2	1.46	5	135	<5	0.21	<1	9	25	10	2.70	<10	0.46	236	2	0.03	13	350	10	<5	<20	18	0.06	<10	56	<10	1	47
163	L1200E 2000N	<5	<0.2	1.75	10	270	<5	0.26	<1	11	30	11	2.91	<10	0.50	324	2	0.03	17	510	12	<5	<20	23	0.06	<10	66	<10	2	43
164	L1200E 2050N	<5	<0.2	1.43	5	210	<5	0.39	<1	11	26	10	2.43	<10	0.50	477	1	0.03	15	590	10	<5	<20	30	0.06	<10	49	<10	2	52
165	L1200E 2100N	<5	<0.2	1.30	<5	190	<5	0.22	<1	11	24	8	2.58	<10	0.55	319	1	0.03	14	460	10	<5	<20	19	0.08	<10	54	<10	2	47
166	L1200E 2150N	<5	<0.2	2.46	10	215	<5	0.14	<1	12	36	17	3.23	<10	0.69	274	2	0.03	27	430	14	<5	<20	16	0.07	<10	68	<10	2	56
167	L1200E 2200N	<5	<0.2	1.94	10	160	<5	0.26	<1	11	28	12	2.89	<10	0.69	296	2	0.03	18	410	12	<5	<20	25	0.07	<10	62	<10	1	59
168	L1200E 2250N	<5	<0.2	1.93	<5	220	<5	0.30	<1	12	20	8	2.98	<10	0.82	570	1	0.03	13	830	10	<5	<20	24	0.09	<10	60	<10	1	79
169	L1200E 2300N	5	<0.2	1.80	<5	145	<5	0.39	<1	11	18	8	2.78	<10	0.87	371	1	0.03	15	820	10	<5	<20	31	0.05	<10	48	<10	1	71
170	L1200E 2350N	10	<0.2	1.97	5	115	<5	0.20	<1	11	21	11	2.99	<10	0.71	268	2	0.03	12	510	8	<5	<20	19	0.11	<10	69	<10	1	55
171	L1200E 2400N	5	<0.2	1.51	<5	170	<5	0.30	<1	9	21	7	2.52	<10	0.61	247	1	0.03	11	430	6	<5	<20	33	0.09	<10	60	<10	<1	46
172	L1200E 2450N	<5	<0.2	1.40	5	205	<5	0.17	<1	10	25	10	2.42	<10	0.42	326	1	0.03	14	650	10	<5	<20	16	0.05	<10	56	<10	2	35
173	L1200E 2500N	<5	<0.2	1.63	10	220	<5	0.36	<1	12	26	9	2.69	<10	0.58	391	2	0.03	15	1220	12	<5	<20	23	0.06	<10	57	<10	2	52
174	L1200E 2550N	5	<0.2	1.98	10	150	<5	0.10	<1	12	29	28	3.16	<10	0.44	256	2	0.03	15	530	14	<5	<20	10	0.06	<10	65	<10	1	59
175	L1200E 2600N	5	<0.2	1.34	10	125	<5	0.19	<1	8	25	7	2.76	<10	0.41	221	1	0.03	11	490	12	<5	<20	19	0.07	<10	64	<10	1	44
176	L1200E 2650N	<5	<0.2	1.06	<5	145	<5	0.15	<1	6	20	5	2.00	<10	0.35	155	1	0.02	9	310	8	<5	<20	12	0.07	<10	50	<10	1	26
177	L1200E 2700N	<5	<0.2	1.61	5	145	<5	0.20	<1	8	16	6	2.73	<10	0.54	255	1	0.03	10	1040	10	<5	<20	13	0.03	<10	49	<10	2	55
178	L1200E 2750N	<5	<0.2	1.53	<5	290	<5	0.22	<1	10	22	10	2.76	<10	0.49	343	1	0.03	14	960	10	<5	<20	17	0.05	<10	52	<10	2	55
179	L1200E 2800N	5	<0.2	0.96	<5	215	<5	0.21	<1	6	19	5	1.63	<10	0.36	162	<1	0.02	10	300	8	<5	<20	18	0.06	<10	42	<10	2	26
180	L1200E 2850N	5	<0.2	1.74	10	305	<5	0.26	<1	11	34	19	2.74	<10	0.66	237	1	0.03	28	260	10	<5	<20	24	0.06	<10	61	<10	2	42
181	L1200E 2900N	5	<0.2	1.60	10	210	<5	0.29	<1	10	25	11	2.68	<10	0.58	288	2	0.03	17	1650	12	<5	<20	19	0.06	<10	53	<10	2	57
182	L1200E 3000N	5	<0.2	2.14	10	135	<5	0.10	<1	11	27	15	3.02	<10	0.66	305	2	0.03	20	290	12	<5	<20	13	0.08	<10	61	<10	2	59
183	L1200E 3050N	<5	<0.2	2.00	10	260	<5	0.23	<1	11	28	14	2.80	<10	0.60	289	2	0.03	18	590	12	<5	<20	23	0.07	<10	62	<10	2	45
184	L1200S 1250S	5	<0.2	1.50	10	285	<5	0.24	<1	9	25	10	2.84	<10	0.41	331	2	0.03	17	880	12	<5	<20	21	0.06	<10	62	<10	2	41
185	L1200S 1350S	10	<0.2	1.08	5	285	<5	0.29	<1	8	24	10	2.63	<10	0.39	344	1	0.03	12	280	8	<5	<20	20	0.03	<10	59	<10	4	43

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
186	L1200S 1400S	10	<0.2	0.92	5	265	<5	0.20	<1	5	18	8	2.05	<10	0.25	138	2	0.02	8	420	12	<5	<20	16	0.05	<10	56	<10	1	27
187	L1200S 1450S	5	<0.2	1.30	5	445	<5	0.18	<1	8	27	10	2.26	<10	0.57	229	1	0.03	18	150	12	<5	<20	17	0.05	<10	54	<10	3	30
188	L2100S 1600N	10	<0.2	1.20	5	90	<5	0.17	<1	6	20	12	2.17	<10	0.34	173	1	0.02	11	340	6	<5	<20	17	0.05	<10	50	<10	2	30
189	L2100S 1650N	<5	<0.2	0.75	<5	90	<5	0.22	<1	6	14	10	1.63	<10	0.31	209	<1	0.02	10	440	4	<5	<20	18	0.04	<10	36	<10	2	23
190	L2100S 1700NA	5	<0.2	0.86	<5	155	<5	0.35	<1	7	16	14	1.72	<10	0.33	253	<1	0.02	11	570	6	<5	<20	27	0.04	<10	37	<10	4	30
191	L2100S 1700NB	5	<0.2	1.24	<5	185	<5	0.42	<1	11	25	20	2.25	<10	0.51	363	1	0.03	16	790	8	<5	<20	28	0.05	<10	46	<10	4	47

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	LOE -250N		<0.2	1.79	10	220	<5	0.66	<1	15	37	23	3.11	10	0.66	405	<1	0.05	27	610	14	<5	<20	49	0.10	<10	74	<10	8	47
2	LOE -200N	<5																												
11	LOE 350N	<5	<0.2	1.38	5	220	<5	0.59	<1	10	30	17	2.35	<10	0.55	264	1	0.03	21	480	10	<5	<20	38	0.08	<10	58	<10	4	37
19	LOE 800N		0.2	1.90	5	170	<5	0.35	<1	15	34	143	3.39	10	0.93	419	2	0.04	39	650	12	<5	<20	29	0.14	<10	81	<10	3	68
20	LOE 850N	5																												
28	GI LOE 1200N B	<5	<0.2	2.76	<5	165	<5	0.42	<1	18	21	18	3.93	<10	1.05	494	1	0.04	15	810	12	<5	<20	28	0.20	<10	88	<10	2	93
36	LOE 1700N	5	<0.2	0.95	5	145	<5	0.78	<1	9	20	13	1.90	<10	0.39	283	<1	0.04	15	740	8	<5	<20	38	0.06	<10	46	<10	5	38
45	LOE 2150N		<0.2	1.99	10	115	<5	0.28	<1	10	37	28	3.01	<10	0.56	199	1	0.03	28	460	12	<5	<20	25	0.07	<10	71	<10	2	47
46	LOE 2200N	<5																												
54	LOE 2600N		<0.2	1.55	5	210	<5	0.24	<1	10	25	14	2.73	<10	0.41	262	1	0.03	17	620	12	<5	<20	17	0.06	<10	63	<10	2	43
55	LOE 2650N	5																												
63	L100E 0N	15	<0.2	1.18	5	230	<5	0.68	<1	8	22	19	2.07	<10	0.44	320	<1	0.03	19	680	8	<5	<20	37	0.05	<10	45	<10	6	40
71	L100E 400N	5	<0.2	2.20	10	230	<5	0.46	<1	15	40	35	3.30	<10	0.94	347	2	0.03	40	850	12	<5	<20	35	0.11	<10	77	<10	2	59
80	L100E 900N	<5	0.4	2.27	5	230	<5	0.37	<1	16	16	47	3.92	<10	0.93	1148	2	0.03	11	1480	16	<5	<20	18	0.21	<10	88	<10	3	334
89	L100E 1450N		<0.2	1.60	5	225	<5	0.82	<1	15	33	28	2.73	10	0 83	329	<1	0.05	40	960	10	<5	<20	61	0.08	<10	70	<10	9	45
90	L100E 1500N	5																												
98	L200E 350N		<0.2	1.61	<5	205	<5	0.90	<1	11	33	24	2.09	10	0.74	211	<1	0.04	31	800	10	<5	<20	62	0.08	<10	54	<10	8	49
101	L200E 500N	5																												
106	L200E 750N		<0.2	1.08	5	140	<5	0.49	<1	9	21	11	2.16	<10	0.58	335	1	0.03	16	500	8	<5	<20	31	0.07	<10	46	<10	3	35
108	L200E 850N	5																												
115	L200E 1200N		<0.2	1.85	<5	175	<5	0.85	<1	15	16	85	3.45	10	1.14	534	2	0.04	12	1490	8	<5	<20	39	0.13	<10	80	<10	4	83
116	L200E 1250N	<5																												
124	L200E 1700N		<0.2	1.35	5	185	<5	0.32	<1	10	28	11	2.51	<10	0.67	296	2	0.03	25	250	10	<5	<20	22	0.06	<10	65	<10	2	36
126	L200E 1800N	5																												
133	L200E 2150N	<5	<0.2	0.89	5	175	<5	0.59	<1	12	26	25	2.11	10	0.50	495	1	0.03	23	860	8	<5	<20	31	0.05	<10	37	<10	7	48
141	L200E 2550N		<0.2	1.49	5	160	<5	0.37	<1	10	33	11	2.66	<10	0.55	192	1	0.03	20	450	8	<5	<20	27	0.06	<10	62	<10	2	35
143	L200E 2650N	<5																												
150	L200E 3000N		<0.2	1.39	10	260	<5	0.72	<1	16	34	39	2.80	10	0.79	510	2	0.03	36	760	12	<5	<20	37	0.04	<10	44	<10	8	77
151	L200E 3050N	5																												
159	L1200E 1850N	<5	<0.2	1.87	10	230	<5	0.28	<1	12	32	16	3.08	<10	0.66	383	2	0.03	24	580	12	<5	<20	26	0.07	<10	63	<10	2	46
168	L1200E 2250N		<0.2	1.93	5	220	<5	0.30	<1	12	20	7	3.10	<10	0.85	583	2	0.03	14	830	8	<5	<20	24	0.09	<10	63	<10	1	79
172	L1200E 2450N	20																												
176	L1200E 2650N		<0.2	1.01	<5	140	<5	0.15	<1	6	19	5	1.91	<10	0.34	149	<1	0.02	8	310	8	<5	<20	12	0.06	<10	48	<10	2	26

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
Till-3			1.4	1.09	75	35	<5	0.55	<1	12	61	20	2.01	10	0.55	299	1	0.04	30	440	20	<5	<20	16	0.07	<10	38	<10	6	38
Till-3			1.4	1.05	75	35	<5	0.54	<1	12	58	22	1.92	10	0.54	298	<1	0.04	29	410	18	<5	<20	15	0.06	<10	40	<10	5	40
Till-3			1.5	1.05	75	35	<5	0.53	<1	12	56	19	1.96	10	0.54	299	1	0.03	29	420	18	<5	<20	16	0.07	<10	40	<10	5	39
Till-3			1.5	1.02	80	40	<5	0.50	<1	12	56	20	1.89	10	0.61	311	1	0.03	29	430	18	<5	<20	15	0.06	<10	39	<10	5	38
Till-3			1.5	1.03	80	40	<5	0.59	<1	12	57	21	1.89	10	0.56	312	<1	0.03	29	430	20	<5	<20	15	0.06	<10	39	<10	5	38
Till-3			1.5	1.02	75	40	<5	0.50	<1	12	57	20	1.90	10	0.58	310	1	0.03	30	420	18	<5	<20	15	0.06	<10	39	<10	5	37
SF30		840																												
SF30		830																												
SF30		830																												
OXE74		620																												
OXE74		630																												
OXE74		630																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/1_742S
XLS/09

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

25-Nov-09

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.stewartgroupglobal.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2009- 0745

Aurora Geosciences
34A Leberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 196
Sample Type: Soils
Project: SFN-9542-YT
Shipment #: 1
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L2100E 0N N/S																													
2	L2100E 50N N/S																													
3	L2100E 100N N/S																													
4	L2100E 150N N/S																													
5	L2100E 200N N/S																													
6	L2100E 250N	<5	<0.2	2.63	10	210	<5	0.26	<1	17	30	16	3.76	<10	0.97	517	2	0.04	21	910	14	<5	<20	23	0.12	<10	91	<10	1	88
7	L2100E 300N	<5	<0.2	2 36	5	155	<5	0.34	<1	15	30	17	3.39	<10	0.74	428	1	0.03	18	800	12	<5	<20	31	0.10	<10	88	<10	1	86
8	L2100E 350N	<5	<0.2	2.64	5	190	<5	0.36	<1	15	22	9	3.49	<10	0.94	480	1	0 03	14	670	12	<5	<20	48	0.12	<10	80	<10	1	94
9	L2100E 400N	<5	<0.2	2.02	10	210	<5	0.29	<1	13	37	15	3.21	<10	0.63	292	2	0.03	27	570	12	<5	<20	22	0.06	<10	87	<10	2	53
10	L2100E 450N	<5	<0.2	1.43	5	190	<5	0.24	<1	10	29	10	2.95	<10	0 49	265	1	0 03	18	900	12	<5	<20	20	0.07	<10	82	<10	1	48
11	L2100E 500N	<5	<0.2	2.26	10	260	<5	0.24	<1	15	36	16	3.08	<10	0.66	299	2	0.03	28	450	12	<5	<20	22	0.06	<10	81	<10	2	49
12	L2100E 550N	10	<0.2	1.71	5	215	<5	0.32	<1	12	35	32	2.67	<10	0.63	253	<1	0.04	25	380	10	<5	<20	26	0.06	<10	74	<10	3	40
13	L2100E 600N	5	<0.2	2.68	5	210	<5	0.24	<1	16	22	19	3 63	<10	0.84	534	2	0.03	17	820	12	<5	<20	39	0.11	<10	88	<10	2	97
14	L2100E 650N	<5	<0.2	1.73	<5	270	<5	0.24	<1	19	21	28	3.19	<10	0.57	922	1	0.04	12	1240	10	<5	<20	20	0.09	<10	79	<10	1	66
15	L2100E 700N	<5	<0.2	2.38	10	240	<5	0.35	<1	15	28	22	3.24	<10	0.76	343	2	0.04	24	700	12	<5	<20	36	0.09	<10	83	<10	2	68
16	L2100E 750N	15	<0.2	2.05	5	220	<5	0.23	<1	13	34	23	3.16	<10	0.48	426	2	0.03	18	420	14	<5	<20	20	0.07	<10	81	<10	1	66
17	L2100E 800N	<5	<0.2	2.98	10	255	<5	0 20	<1	18	40	20	4.07	<10	0.89	506	3	0.03	26	770	16	<5	<20	18	0.10	<10	105	<10	1	87
18	L2100E 850N	5	<0.2	2 15	5	245	<5	0.26	<1	14	38	18	3.19	<10	0.60	362	2	0.03	25	320	14	<5	<20	23	0.06	<10	82	<10	2	50
19	L2100E 900N	<5	<0.2	1.39	<5	150	<5	0.34	<1	14	21	8	2.88	<10	0.70	811	1	0.03	13	690	6	<5	<20	25	0.08	<10	77	<10	3	61
20	L2100E 950N	<5	<0.2	1.91	<5	195	<5	0.42	<1	17	30	16	3.55	10	1.18	457	1	0.04	34	550	10	<5	<20	32	0 11	<10	98	<10	3	73
21	L2100E 1000N	<5	<0.2	2.48	10	180	<5	0.25	<1	17	38	15	4 15	<10	0.94	375	2	0.03	30	360	14	<5	<20	29	0.11	<10	100	<10	1	60
22	L2100E 1050N	5	<0.2	0.98	<5	120	<5	0.20	<1	6	18	14	1 84	<10	0.31	149	<1	0.03	10	240	6	<5	<20	18	0.06	<10	59	<10	1	27
23	L2100E 1100N	5	<0.2	2.31	10	180	<5	0.18	<1	15	31	30	4.01	<10	0.77	392	2	0.04	20	860	14	<5	<20	14	0.07	<10	97	<10	2	69
24	L2100E 1150N N/S																													
25	L2100E 1200N	<5	<0.2	0.78	<5	55	<5	0.16	<1	7	17	23	2.44	<10	0.27	231	<1	0.04	6	200	6	<5	<20	16	0.07	<10	81	<10	1	38
26	L2100E 1250N	<5	<0.2	0.83	<5	85	<5	0.24	<1	6	11	9	1.79	<10	0.27	227	<1	0.02	5	480	4	<5	<20	17	0 04	<10	49	<10	2	30
27	L2100E 1300N	<5	<0.2	0.86	<5	95	<5	0.24	<1	6	10	10	1.63	<10	0.25	369	<1	0.02	5	350	4	<5	<20	22	0.03	<10	43	<10	3	31
28	L2100E 1350N	<5	<0.2	1.00	<5	100	<5	0.26	<1	8	18	10	1.82	<10	0.28	240	<1	0.02	8	520	6	<5	<20	20	0.05	<10	52	<10	3	28
29	L2100E 1400N	<5	<0.2	0.97	5	115	<5	0.23	<1	8	20	9	2.05	<10	0.30	217	<1	0.02	10	370	6	<5	<20	17	0.05	<10	65	<10	2	28
30	L2100E 1450N	<5	<0.2	1.32	5	175	<5	0.41	<1	12	29	17	2.21	10	0.46	332	<1	0.03	16	540	8	<5	<20	26	0.08	<10	64	<10	6	42

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	L2400E 1550N	20	<0.2	1.27	5	165	<5	0.44	<1	9	22	17	2.22	<10	0.31	360	<1	0.02	12	600	8	<5	<20	24	0.04	<10	59	<10	6	33
32	L2400E 1700N	5	<0.2	0.74	<5	90	<5	0.34	<1	7	13	8	2.01	<10	0.28	304	<1	0.02	6	440	6	<5	<20	21	0.04	<10	56	<10	2	28
33	L2400E 1750N	<5	<0.2	1.51	10	115	<5	0.19	<1	8	23	13	2.43	<10	0.36	205	1	0.02	14	500	8	<5	<20	16	0.04	<10	64	<10	2	36
34	L2400E 1800N	<5	<0.2	0.80	<5	110	<5	0.25	<1	5	13	10	1.67	<10	0.15	285	<1	0.02	7	310	4	<5	<20	17	0.03	<10	45	<10	2	22
35	L2400E 1850N	<5	<0.2	1.34	5	225	<5	0.63	<1	19	24	13	3.47	<10	0.39	1309	2	0.03	11	410	14	<5	<20	40	0.07	<10	121	<10	2	54
36	L2400E 1900N	5	<0.2	1.17	5	130	<5	0.26	<1	7	21	10	2.04	<10	0.42	174	1	0.02	11	270	8	<5	<20	18	0.05	<10	61	<10	2	33
37	L2400E 1950N	5	<0.2	1.66	10	250	<5	0.28	<1	15	27	17	3.04	<10	0.44	390	2	0.03	16	470	12	<5	<20	24	0.05	<10	83	<10	2	43
38	L2400E 2000N	5	<0.2	1.48	10	180	<5	0.25	<1	9	26	12	2.44	<10	0.43	205	1	0.02	14	420	10	<5	<20	18	0.05	<10	69	<10	2	36
39	L2400E 2050N	<5	<0.2	1 97	10	220	<5	0.20	<1	11	21	24	2.93	<10	0.42	282	1	0.03	15	830	10	<5	<20	17	0.03	<10	69	<10	3	63
40	L2400E 2100N	5	<0.2	1.73	5	285	<5	0.37	<1	14	31	17	2.56	<10	0.51	449	1	0.03	20	440	10	<5	<20	27	0.05	<10	66	<10	5	39
41	L2400E 2150N	<5	<0.2	2.00	10	205	<5	0.33	<1	12	31	11	2.82	<10	0.51	324	2	0.03	18	400	12	<5	<20	24	0.05	<10	75	<10	2	56
42	L2400E 2200N	5	<0.2	2.47	10	125	<5	0.55	<1	11	17	10	2.89	<10	0.63	423	2	0.03	12	410	12	<5	<20	45	<0.01	<10	65	<10	2	63
43	L2400E 2250N	<5	<0.2	1.96	10	245	<5	0.19	<1	12	32	17	3.00	<10	0.43	315	2	0.03	19	850	12	<5	<20	16	0.04	<10	79	<10	1	50
44	L2400E 2300N	<5	<0.2	1.81	5	140	<5	0.13	<1	10	27	17	2.59	<10	0.42	229	1	0.02	16	240	8	<5	<20	14	0.05	<10	72	<10	1	38
45	L2400E 2350N	<5	<0.2	1.07	5	95	<5	0.15	<1	6	17	11	1.91	<10	0.23	151	<1	0.02	9	330	8	<5	<20	13	0.05	<10	56	<10	1	25
46	L2400E 2400N	<5	<0.2	1.60	10	190	<5	0.18	<1	10	29	13	2.44	<10	0.41	219	2	0.02	15	310	10	<5	<20	14	0.06	<10	67	<10	2	34
47	L2400E 2450N	10	<0.2	2.04	10	210	<5	0.19	<1	13	33	16	2.82	<10	0.54	214	1	0.03	24	390	10	<5	<20	15	0.05	<10	74	<10	2	40
48	L2400E 2500N	<5	<0.2	0.94	<5	135	<5	0.39	<1	7	17	15	1.79	<10	0.28	259	<1	0.02	10	450	6	<5	<20	25	0.04	<10	50	<10	3	31
49	L2400E 2550N	5	<0.2	0.95	5	185	<5	0.57	<1	16	22	31	2.63	10	0.34	769	1	0.03	14	860	6	<5	<20	33	0.04	<10	62	<10	7	43
50	L2400E 2600N N/S																													
51	L2400E 2650N	5	<0.2	0.75	<5	110	<5	0.47	<1	7	13	11	1.66	<10	0 27	385	<1	0.02	9	770	6	<5	<20	29	0.03	<10	42	<10	4	33
52	L2400E 2700N	5	<0.2	1.34	5	205	<5	0.77	<1	11	25	23	2.36	10	0.56	332	1	0.04	21	650	8	<5	<20	36	0.05	<10	59	<10	6	46
53	L2400E 2800N	10	<0.2	1.25	5	220	<5	0.64	<1	12	23	26	2.36	10	0.47	493	1	0.03	20	810	8	<5	<20	28	0.04	<10	53	<10	8	51
54	L2400E 2850N	5	<0.2	1.58	5	275	<5	0.63	<1	13	29	19	2.50	10	0.52	603	1	0.03	25	500	10	<5	<20	32	0.05	<10	63	<10	6	42
55	L2400E 2900N	<5	<0.2	1.47	5	190	<5	0.35	<1	11	28	15	2.39	<10	0.38	267	1	0.02	15	360	8	<5	<20	19	0.05	<10	66	<10	2	37
56	L2400E 2950N	5	<0.2	1.25	5	205	<5	0.36	<1	11	23	23	2.38	<10	0.37	404	1	0.03	13	350	6	<5	<20	19	0.06	<10	70	<10	3	38
57	L2400E 3000N	5	<0.2	1.59	5	350	<5	0 39	<1	11	28	14	2 56	<10	0.40	400	1	0.03	17	490	10	<5	<20	24	0.05	<10	68	<10	2	44
58	L2400E 3050N	10	<0.2	1.45	5	145	<5	0.21	<1	9	21	24	2.42	<10	0.33	217	1	0 02	13	700	8	<5	<20	16	0.04	<10	63	<10	2	37
59	L2400E 3100N	15	<0.2	1.36	10	150	<5	0.28	<1	9	25	15	2.77	<10	0.38	218	1	0.03	17	610	12	<5	<20	16	0.05	<10	67	<10	3	44
60	L2400E 3150N	5	<0.2	1.14	5	160	<5	0.31	<1	10	22	18	2.41	<10	0.40	287	1	0.02	16	640	8	<5	<20	19	0.05	<10	54	<10	3	49
61	L2400E 3200N	5	<0.2	1.83	15	225	<5	0.40	<1	14	35	26	3.04	<10	0.50	257	2	0.03	24	450	12	<5	<20	21	0 05	<10	73	<10	4	49
62	L2400E 3250N	5	<0.2	1.43	<5	335	<5	0.39	<1	9	24	8	2.25	<10	0.37	263	1	0.02	16	570	10	<5	<20	21	0.03	<10	59	<10	2	39
63	L2400E 3300N	5	<0.2	1.24	<5	285	<5	0.53	<1	10	23	12	2.13	<10	0.38	320	1	0.03	18	560	8	<5	<20	27	0.05	<10	51	<10	2	40
64	L2400E 3350N	10	<0.2	1.14	5	165	<5	0.30	<1	9	25	10	2.13	<10	0.40	234	1	0.02	16	400	8	<5	<20	17	0.06	<10	55	<10	2	35
65	L3000 750N	5	<0.2	1.57	<5	200	<5	0.23	<1	8	17	9	2.64	<10	0.45	246	1	0.02	10	450	8	<5	<20	15	0.01	<10	60	<10	2	60
66	L3000 800N	10	<0.2	1.68	<5	270	<5	0.24	<1	14	22	9	2.75	<10	0.51	860	1	0.03	13	570	10	<5	<20	15	0.06	<10	68	<10	2	92
67	L3000 850N	5	<0.2	1.16	<5	135	<5	0.23	<1	7	20	6	1.92	<10	0.40	199	<1	0.02	10	200	8	<5	<20	14	0.05	<10	54	<10	2	35
68	L3000 900N	10	<0.2	1.55	5	170	<5	0.12	<1	9	23	8	2.24	<10	0.38	252	1	0.02	15	370	10	<5	<20	11	0.04	<10	63	<10	2	42
69	L3000 950N	5	<0.2	1.28	5	185	<5	0.19	<1	8	21	8	2.14	<10	0.40	245	1	0.02	11	260	8	<5	<20	13	0.05	<10	56	<10	2	36
70	L3000 1000N	15	<0.2	1.68	10	195	<5	0.21	<1	8	24	23	2.64	<10	0.46	262	1	0.02	12	430	10	<5	<20	18	0.03	<10	68	<10	2	45
71	L3000 1050N	25	<0.2	1.71	10	235	<5	0.21	1	10	32	12	2.64	<10	0.55	326	<1	0.02	16	560	20	<5	<20	15	0.06	<10	67	<10	3	48
72	L3000 1100N	15	<0.2	1.94	10	235	<5	0.17	1	10	35	19	3 10	<10	0 50	304	<1	0.02	17	500	20	<5	<20	16	0.06	<10	77	<10	2	48
73	L3000 1150N	10	<0.2	2.07	15	240	<5	0.14	2	12	37	15	3.80	<10	0.51	279	<1	0.03	22	740	22	<5	<20	14	0.06	<10	90	<10	2	49
74	L3000 1200N	5	<0.2	1.67	10	180	<5	0.13	1	9	29	14	2.85	<10	0.44	253	<1	0.02	14	660	18	<5	<20	13	0.06	<10	75	<10	2	42
75	L3000 1250N	5	<0.2	1.44	5	205	<5	0.22	1	11	23	10	2.68	<10	0.44	561	<1	0.02	12	1600	16	<5	<20	27	0.08	<10	64	<10	2	53

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
76	L3000 1300N	<5	<0.2	1.75	5	180	<5	0.48	1	14	23	22	3.28	30	0.89	625	<1	0.03	12	860	16	<5	<20	56	0.08	<10	76	<10	8	76
77	L3000 1400N	5	<0.2	1.92	10	160	<5	0.15	1	11	34	17	3.05	<10	0.52	300	<1	0.02	18	310	20	<5	<20	18	0.09	<10	73	<10	2	67
78	L3000 1450N	<5	<0.2	1.53	<5	115	<5	0.30	1	10	14	12	2.64	<10	0.62	398	<1	0.02	9	1000	12	<5	<20	34	0.06	<10	56	<10	3	81
79	L3000E(BASELINE)1500N	10	<0.2	2.15	<5	100	<5	0.54	1	12	17	24	3.63	<10	0.82	636	<1	0.03	11	1720	18	<5	<20	41	0.06	<10	81	<10	3	91
80	L3000E 1550N	10	<0.2	2.01	10	120	<5	0.15	1	13	31	22	3.34	<10	0.61	402	<1	0.02	18	640	18	<5	<20	14	0.07	<10	78	<10	3	93
81	L3000E 1600N	10	<0.2	1.71	5	190	<5	0.20	1	12	25	13	3.03	<10	0.65	684	<1	0.02	14	640	16	<5	<20	21	0.07	<10	70	<10	2	77
82	L3000E 1650N	5	<0.2	2.01	10	300	<5	0.27	1	13	34	14	3.32	<10	0.54	539	<1	0.03	19	720	22	<5	<20	26	0.06	<10	82	<10	3	64
83	L3000E 1700N	5	<0.2	1.97	10	160	<5	0.13	1	10	32	16	2.85	<10	0.49	265	<1	0.02	19	350	20	<5	<20	15	0.06	<10	67	<10	2	51
84	L3000E 1750N	<5	<0.2	1.93	10	165	<5	0.13	1	11	37	19	3.09	<10	0.51	306	<1	0.02	20	280	20	<5	<20	14	0.07	<10	76	<10	3	45
85	L3000E 1800N	5	<0.2	1.15	<5	160	<5	0.12	<1	11	21	7	2.33	<10	0.30	659	<1	0.02	10	850	16	<5	<20	11	0.06	<10	60	<10	1	44
86	L3000E 1850N	10	<0.2	1.87	10	210	<5	0.17	1	11	31	12	3.21	<10	0.47	309	<1	0.03	17	540	20	<5	<20	23	0.08	<10	79	<10	2	66
87	L3000E 1900N	10	<0.2	1.82	10	160	<5	0.19	1	10	29	9	3.27	<10	0.48	359	<1	0.03	14	440	20	<5	<20	18	0.07	<10	79	<10	2	68
88	L3000E 1950N	5	<0.2	1.89	10	405	<5	0.19	1	13	44	20	3.41	<10	0.51	365	<1	0.03	26	610	22	<5	<20	18	0.07	<10	85	<10	2	60
89	L3000E 2000N	<5	<0.2	1.73	10	145	<5	0.11	1	12	33	16	3.78	<10	0.52	407	<1	0.03	18	700	20	<5	<20	17	0.09	<10	90	<10	2	84
90	L3000E 2050N	<5	<0.2	1.38	5	155	<5	0.21	1	9	25	11	3.25	<10	0.49	398	<1	0.03	13	1050	18	<5	<20	20	0.08	<10	76	<10	2	70
91	L3000E 2100N	10	<0.2	1.96	10	185	<5	0.22	1	13	38	14	3.48	<10	0.53	383	<1	0.03	21	660	22	<5	<20	22	0.09	<10	83	<10	2	112
92	L3000E 2150N	5	<0.2	2.05	10	180	<5	0.12	1	11	36	18	3.35	<10	0.52	316	<1	0.03	22	360	20	<5	<20	16	0.08	<10	79	<10	2	59
93	L3000E 2200N	10	<0.2	2.31	10	175	<5	0.19	2	15	27	38	4.17	<10	0.90	687	<1	0.03	15	1020	18	<5	<20	13	0.14	<10	97	<10	2	96
94	L3000E 2250N	<5	<0.2	1.58	10	165	<5	0.15	1	10	31	11	2.79	<10	0.50	303	<1	0.02	17	540	16	<5	<20	16	0.08	<10	69	<10	2	49
95	L3000E 2300N A	<5	<0.2	1.62	10	190	<5	0.16	1	11	32	13	2.86	<10	0.47	361	<1	0.02	18	520	18	<5	<20	17	0.07	<10	70	<10	2	55
96	L3000E 2300N B	10	<0.2	1.42	<5	185	<5	0.22	1	13	26	8	2.42	<10	0 35	557	<1	0.02	14	600	16	<5	<20	18	0 06	<10	63	<10	1	49
97	L3000E 2350N A	<5	<0.2	1.80	10	205	<5	0.20	1	13	32	12	2.93	<10	0.58	370	<1	0.03	19	450	16	<5	<20	27	0.09	<10	74	<10	2	69
98	L3000E 2350N B	<5	<0.2	1.94	10	215	<5	0.18	1	12	41	14	3.02	<10	0.58	359	<1	0.03	22	440	20	<5	<20	22	0.09	<10	78	<10	3	68
99	L3000E 2400N	<5	<0.2	2.06	10	105	<5	0.20	1	11	34	14	3.02	10	0.62	310	<1	0.03	18	390	18	<5	<20	18	0.11	<10	78	<10	2	67
100	L3000E 2450N	<5	<0.2	2.03	10	175	<5	0.19	1	10	37	18	3.03	<10	0.58	291	<1	0.02	21	340	18	<5	<20	23	0.07	<10	75	<10	2	64
101	L3000E 2500N	<5	<0.2	1.55	5	240	<5	0.25	1	10	31	15	2.66	<10	0.49	236	<1	0.03	18	290	16	<5	<20	23	0.07	<10	67	<10	2	41
102	L3000E 2550N	<5	<0.2	1.90	10	155	<5	0.12	1	11	34	13	3.09	<10	0.56	286	<1	0.02	20	830	20	<5	<20	11	0.07	<10	78	<10	2	58
103	L3000E 2600N	5	<0.2	1.64	5	205	<5	0.13	1	12	27	9	2.91	<10	0.44	345	<1	0.02	15	560	18	<5	<20	11	0.07	<10	71	<10	2	70
104	L3000E 26 *	<5	<0.2	1.41	5	200	<5	0.16	1	10	28	10	2.48	<10	0.42	257	<1	0.02	15	480	18	<5	<20	15	0.07	<10	63	<10	2	38
105	L3000E 2650N	<5	<0.2	2.46	5	100	<5	0.28	2	17	16	9	4.30	<10	1.00	534	<1	0.03	12	1680	16	<5	<20	15	0.16	<10	118	<10	3	82
106	L3000E 2700N	5	<0.2	1.98	10	225	<5	0.17	1	12	34	13	3.10	<10	0 55	256	<1	0.02	20	720	20	<5	<20	21	0.08	<10	78	<10	2	58
107	L3000E 2750N	<5	<0.2	2.56	10	110	<5	0.56	2	15	17	10	4.18	<10	1.01	523	<1	0.03	10	2080	20	<5	<20	48	0.06	<10	104	<10	4	89
108	L3000E 2800N	<5	<0.2	1.85	10	240	<5	0.22	1	12	35	14	2.86	<10	0.54	238	<1	0.03	23	540	18	<5	<20	23	0.08	<10	69	<10	3	45
109	L3000E 2850N	10	<0.2	1.50	10	165	<5	0 20	1	10	32	10	2.67	<10	0.43	262	<1	0.03	16	440	16	<5	<20	16	0.08	<10	71	<10	2	43
110	L3000E 2900N	50	<0.2	2.44	10	135	<5	0.15	2	12	17	8	4.00	<10	0.76	420	<1	0.02	9	890	18	<5	<20	22	0 06	<10	94	<10	2	83
111	L3000E 2950N	5	<0.2	2.07	10	260	<5	0.38	2	14	24	11	3.96	<10	0.71	578	<1	0.03	13	1450	18	<5	<20	27	0.10	<10	107	<10	3	73
112	L3000E 3050N A	<5	<0.2	1.18	5	170	<5	0.35	<1	9	27	13	2.32	10	0.48	229	<1	0.03	13	570	14	<5	<20	27	0.08	<10	63	<10	5	37
113	L3000E 3050N B	<5	<0.2	1.43	5	155	<5	0.20	1	16	26	10	2.51	<10	0.47	822	<1	0.03	13	530	14	<5	<20	16	0.08	<10	65	<10	2	40
114	L3000E 3100N	5	<0.2	1.40	10	175	<5	0.26	1	10	35	13	2.86	10	0.48	371	<1	0.03	18	390	18	<5	<20	19	0.09	<10	76	<10	3	52
115	L3000E 3150N	15	<0.2	1.56	10	200	<5	0.22	1	13	29	12	2.88	<10	0.43	448	<1	0.03	17	460	18	<5	<20	20	0.08	<10	85	<10	2	43
116	1-LOE BLS0	35	<0.2	1.47	5	245	<5	0.78	1	10	33	21	2.39	10	0.54	316	<1	0.04	20	720	14	<5	<20	40	0.09	<10	65	<10	5	46
117	BLS 1	5	<0.2	1.46	5	300	<5	0.82	1	13	34	31	2.62	10	0.54	483	<1	0.04	23	850	14	<5	<20	47	0.10	<10	71	<10	8	49
118	1-BL1500N S2	245	<0.2	1.62	5	510	<5	1.05	2	12	34	52	2.70	10	0.56	676	<1	0.04	36	930	16	<5	<20	59	0.06	<10	64	<10	9	59
119	1-BL1500N S3	20	<0.2	1.20	5	290	<5	0.82	1	12	30	22	2.35	10	0.53	714	<1	0.04	22	900	14	<5	<20	45	0.07	<10	57	<10	7	49
120	1-BL1500N L-1100E	5	<0.2	1.79	10	480	<5	0.17	1	9	39	21	2.89	<10	0.45	207	<1	0.03	21	180	22	<5	<20	23	0.06	<10	73	<10	2	40

* Tag not legible

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
121	1-BL1500N L-1200E	10	<0.2	1.25	5	1005	<5	0.38	<1	9	32	16	2.17	10	0.51	455	<1	0.04	20	340	18	<5	<20	32	0.07	<10	63	<10	13	41
122	1-BL1500N L-1300E	<5	<0.2	1.68	10	340	<5	0.29	1	10	35	9	2.90	<10	0.54	317	<1	0.03	16	700	18	<5	<20	23	0.09	<10	82	<10	2	64
123	1-BL1500N L-1600E	20	<0.2	1.24	5	215	<5	0.46	<1	11	32	16	2.13	20	0.43	285	<1	0.03	16	590	14	<5	<20	35	0.09	<10	58	<10	7	35
124	1-BL1500N L-1700E	5	<0.2	1.37	5	205	<5	0.35	1	10	28	15	2.45	<10	0.42	330	<1	0.03	16	370	14	<5	<20	29	0.08	<10	69	<10	3	43
125	1-BL1500N L-1800E	5	<0.2	1.13	<5	185	<5	0.40	<1	5	22	15	1.62	<10	0.34	136	<1	0.03	11	360	14	<5	<20	27	0.07	<10	47	<10	3	35
126	1-BL1500N L-1900E	5	<0.2	1.23	<5	330	<5	0.67	<1	9	29	30	1.83	<10	0.38	361	<1	0.03	14	710	12	<5	<20	42	0.05	<10	50	<10	5	36
127	1-BL1500N L-2000E	5	<0.2	1.37	5	215	<5	0.46	<1	10	33	18	2.32	10	0.47	244	<1	0.03	16	560	14	<5	<20	33	0.10	<10	64	<10	5	43
128	1-BL1500N L-2100E	<5	<0.2	1.40	5	220	<5	0.41	1	12	37	21	2.56	20	0.48	363	<1	0.03	18	520	16	<5	<20	30	0.11	<10	70	<10	7	48
129	1-BL1500N L-2200E	5	<0.2	0.98	<5	185	<5	0.42	<1	12	23	15	2.08	10	0.31	700	<1	0.03	12	780	12	<5	<20	31	0.07	<10	54	<10	7	37
130	1-BL1500N L-2300E	5	<0.2	1.06	5	165	<5	0.42	<1	9	26	16	2.24	10	0.33	224	<1	0.03	12	640	12	<5	<20	27	0.09	<10	59	<10	6	39
131	1-BL1500N L-2400E	<5	<0.2	1.20	5	220	<5	0.46	<1	8	24	19	2.10	10	0.31	224	<1	0.03	12	650	12	<5	<20	32	0.06	<10	54	<10	8	32
132	1-BL1500N L-2700E	<5	<0.2	1.19	5	180	<5	0.77	1	19	20	18	2.66	10	0.48	1179	<1	0.03	12	700	12	<5	<20	55	0.07	<10	56	<10	7	45
133	3-L1700 S0	<5	<0.2	1.45	5	300	<5	0.71	<1	11	36	28	2.39	10	0.42	338	<1	0.03	17	460	14	<5	<20	43	0.08	<10	65	<10	6	36
134	3-L1700 S1	<5	<0.2	0.85	5	110	<5	0.27	<1	8	27	15	2.10	<10	0.26	155	<1	0.02	13	590	10	<5	<20	17	0.07	<10	61	<10	3	30
135	3-L1700 S2	<5	<0.2	0.94	5	170	<5	0.43	<1	7	25	13	1.91	10	0.37	181	<1	0.03	12	670	12	<5	<20	31	0.07	<10	50	<10	5	38
136	3-L1700 S3	15	6.8	1.07	5	415	<5	2.02	<1	10	17	37	1.73	60	0.32	647	<1	0.04	21	1150	30	<5	<20	146	0.03	<10	34	<10	24	33
137	3-L1700 S4	<5	<0.2	1.06	5	180	<5	0.46	<1	12	22	20	2.47	20	0.57	464	<1	0.03	14	820	12	<5	<20	38	0.11	<10	60	<10	8	55
138	3-L1700 S5	<5	<0.2	1.60	5	175	<5	0.29	1	11	25	11	3.24	<10	0.67	392	<1	0.03	13	950	16	<5	<20	41	0.14	<10	78	<10	2	66
139	3-L1700 S6	<5	<0.2	1.82	<5	325	<5	0.49	1	13	20	13	3.71	<10	0.97	582	<1	0.03	10	880	14	<5	<20	52	0.18	<10	97	<10	3	89
140	3-L1700 S7	5	<0.2	1.50	<5	255	<5	0.19	1	12	21	6	4.00	<10	0.75	469	<1	0.03	8	2610	14	<5	<20	18	0.17	<10	93	<10	1	74
141	3-L1700 S8	5	<0.2	1.50	5	195	<5	0.41	<1	11	19	11	3.05	10	0.62	330	1	0.03	11	700	10	<5	<20	28	0.10	<10	74	<10	7	55
142	3-L1700 S9	5	<0.2	1.24	5	145	<5	0.40	<1	9	27	16	2.22	<10	0.47	244	1	0.03	12	490	8	<5	<20	32	0.07	<10	58	<10	3	34
143	3-L1700 S10	5	<0.2	1.13	5	145	<5	0.24	<1	7	24	9	2.00	<10	0.36	161	1	0.03	13	180	10	<5	<20	15	0.06	<10	51	<10	2	28
144	3-L1700 S11	5	<0.2	1.47	5	235	<5	0.24	<1	12	25	9	2.26	<10	0.44	200	2	0.02	18	410	12	<5	<20	14	0.06	<10	53	<10	2	37
145	3-L1700 S12	<5	<0.2	1.32	5	160	<5	0.22	<1	9	24	8	2.26	<10	0.39	192	1	0.02	15	320	10	<5	<20	15	0.06	<10	57	<10	2	45
146	3-L1700 S13	5	<0.2	1.11	5	115	<5	0.19	<1	8	22	26	2.02	<10	0.36	166	1	0.02	12	290	8	<5	<20	13	0.06	<10	51	<10	2	36
147	3-L1700 S14	5	<0.2	1.30	5	140	<5	0.24	<1	9	24	34	2.22	<10	0.43	198	1	0.02	14	310	10	<5	<20	14	0.06	<10	57	<10	2	44
148	3-L1700 S15	<5	<0.2	1.49	5	165	<5	0.29	<1	11	24	11	2.51	<10	0.52	245	1	0.03	17	360	12	<5	<20	18	0.06	<10	60	<10	2	44
149	3-L1700 S16	<5	<0.2	1.39	5	175	<5	0.33	<1	12	25	7	2.47	<10	0.42	234	2	0.03	13	540	12	<5	<20	20	0.08	<10	62	<10	2	51
150	3-L1700 S17	25	0.2	0.36	<5	885	<5	2.48	<1	24	3	28	0.82	<10	0.16	742	<1	0.03	19	1000	<2	<5	<20	134	<0.01	<10	17	<10	11	4
151	3-L1700 S18	15	<0.2	1.25	10	190	<5	0.27	<1	9	24	12	2.18	<10	0.40	204	2	0.03	15	290	8	<5	<20	15	0.05	<10	54	<10	3	34
152	3-L1700 S19	5	<0.2	1.31	10	235	<5	0.40	<1	10	27	17	2.46	<10	0.46	258	2	0.03	19	280	10	<5	<20	18	0.06	<10	66	<10	2	45
153	3-L1700 S20	5	<0.2	1.22	10	215	<5	0.45	<1	11	32	24	2.34	<10	0.49	282	2	0.03	24	510	10	<5	<20	18	0.06	<10	57	<10	4	44
154	3-L1700 S21	5	<0.2	0.83	<5	140	<5	0.56	<1	8	16	12	1.53	<10	0.28	637	<1	0.03	11	670	6	<5	<20	24	0.05	<10	37	<10	4	28
155	L3600S 1500N	5	<0.2	1.44	10	140	<5	0.26	<1	9	19	14	2.87	<10	0.50	293	2	0.03	11	1470	10	<5	<20	14	0.05	<10	68	<10	2	50
156	L3600S 1550	15	<0.2	1.26	5	150	<5	0.42	<1	8	25	13	2.43	<10	0.42	441	1	0.03	14	500	10	<5	<20	19	0.03	<10	58	<10	4	39
157	L3600S 1600	5	<0.2	1.42	5	245	<5	0.65	<1	7	13	9	2.20	<10	0.40	703	1	0.03	7	320	8	<5	<20	28	<0.01	<10	50	<10	5	42
158	L3600S 1700	5	<0.2	1.49	5	205	<5	0.19	<1	14	26	12	2.57	<10	0.37	609	2	0.03	17	660	14	<5	<20	9	0.06	<10	67	<10	2	54
159	L3600S 1750	15	<0.2	1.39	10	115	<5	0.15	<1	9	23	8	2.59	<10	0.36	342	2	0.03	16	510	12	<5	<20	9	0.05	<10	64	<10	2	42
160	L3600S 1800	15	<0.2	1.34	10	105	<5	0.15	<1	9	23	8	2.50	<10	0.37	309	1	0.03	16	560	12	<5	<20	10	0.06	<10	62	<10	2	46
161	L3600S 1850N A	5	<0.2	1.27	5	110	<5	0.41	<1	12	12	7	2.63	<10	0.56	610	1	0.03	7	690	8	<5	<20	30	0.04	<10	70	<10	3	48
162	L3600S 1850N B	5	<0.2	1.42	5	100	<5	0.30	<1	11	35	24	2.55	<10	0.68	245	1	0.04	27	240	12	<5	<20	21	0.10	<10	71	<10	4	37
163	L3600S 1900N	5	<0.2	1.28	<5	165	<5	0.22	<1	10	28	7	2.88	<10	0.34	489	1	0.03	13	330	12	<5	<20	19	0.08	<10	69	<10	2	52
164	L3600S 1950N	15	<0.2	1.05	<5	95	<5	0.15	<1	7	18	7	1.93	<10	0.25	473	1	0.02	9	240	8	<5	<20	9	0.04	<10	49	<10	2	33
165	L3600S 2000N	15	<0.2	1.31	<5	130	<5	0.33	<1	11	13	8	2.66	<10	0.53	796	1	0.03	8	630	10	<5	<20	19	0.05	<10	62	<10	2	54

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
166	L3600S 2050N	15	0.6	1.44	5	105	<5	0.76	<1	14	11	20	2.87	90	0.80	1507	1	0.04	8	1090	12	<5	<20	39	0.04	<10	67	<10	46	65
167	L3600S 2100N	15	0.6	1.80	10	110	<5	0.91	<1	17	13	25	3.71	100	1.06	1673	2	0.04	9	1440	14	<5	<20	44	0.05	<10	82	<10	48	90
168	L3600S 2150N	5	<0.2	1.32	10	105	<5	0.18	<1	9	25	14	2.55	<10	0.37	305	1	0.03	14	710	12	<5	<20	10	0.06	<10	64	<10	2	44
169	L3600S 2200N	15	<0.2	1.82	10	185	<5	0.15	<1	11	30	11	2.91	<10	0.47	243	2	0.03	19	390	14	<5	<20	11	0.06	<10	71	<10	2	47
170	L3600S 2250N	5	<0.2	1.57	5	145	<5	0.27	<1	11	27	15	2.61	20	0.48	438	2	0.03	18	250	12	<5	<20	15	0.07	<10	65	<10	7	38
171	L3600S 2300N	<5	<0.2	1.42	5	90	<5	0.33	<1	9	13	6	3.18	10	0.60	440	1	0.03	7	840	8	<5	<20	21	0.05	<10	71	<10	7	71
172	L3600S 2350N	<5	<0.2	1.56	10	140	<5	0.17	<1	10	29	13	2.52	<10	0.43	272	2	0.03	18	300	12	<5	<20	11	0.06	<10	64	<10	2	39
173	L3600S 2400N	5	<0.2	1.18	5	160	<5	0.34	<1	8	23	12	2.30	<10	0.43	276	1	0.03	13	590	10	<5	<20	19	0.06	<10	59	<10	3	40
174	L3600S 2450N	5	<0.2	1.05	5	195	<5	0.26	<1	7	20	10	1.86	<10	0.33	273	1	0.03	9	320	10	<5	<20	15	0.07	<10	57	<10	3	34
175	L3600S 2500N	5	<0.2	1.78	10	210	<5	0.24	<1	11	34	70	2.74	<10	0.53	252	2	0.03	23	240	14	<5	<20	15	0.06	<10	67	<10	3	41
176	L3600S 2550N	5	<0.2	1.10	5	100	<5	0.19	<1	7	18	16	2.49	<10	0.34	215	1	0.03	10	740	8	<5	<20	13	0.07	<10	66	<10	1	38
177	L3600S 2600N	5	<0.2	0.62	<5	75	<5	0.27	<1	5	12	12	1.64	<10	0.20	183	<1	0.02	7	510	4	<5	<20	13	0.04	<10	45	<10	3	25
178	L3600S 2650N	5	<0.2	1.11	5	165	<5	0.51	<1	10	20	17	2.00	<10	0.38	439	1	0.03	13	610	8	<5	<20	22	0.06	<10	49	<10	5	41
179	L3600S 2750N	10	<0.2	1.20	5	160	<5	0.54	<1	9	23	16	2.25	<10	0.41	307	1	0.04	14	600	10	<5	<20	22	0.07	<10	56	<10	5	45
180	L3600S 2800N	5	<0.2	1.22	10	175	<5	0.53	<1	11	22	19	2.29	<10	0.42	351	1	0.04	16	690	10	<5	<20	24	0.06	<10	55	<10	6	42
181	L3600S 2850N	5	<0.2	1.40	<5	125	<5	0.35	<1	9	20	8	2.79	<10	0.49	348	1	0.03	11	440	10	<5	<20	24	0.05	<10	63	<10	2	53
182	L3600S 2900N	5	<0.2	1.31	5	195	<5	0.55	<1	12	25	11	2.50	<10	0.45	967	2	0.03	16	500	12	<5	<20	25	0.07	<10	57	<10	2	51
183	L3600S 2950N	5	<0.2	1.30	10	170	<5	0.58	<1	11	27	21	2.84	<10	0.60	459	2	0.04	21	1110	12	<5	<20	27	0.05	<10	53	<10	6	69
184	L3600S 3000N	5	<0.2	0.93	5	130	<5	0.59	<1	11	21	19	2.27	<10	0.40	580	1	0.04	16	930	10	<5	<20	25	0.04	<10	48	<10	6	52
185	L3600S 3050N	5	0.4	1.08	5	380	<5	1.36	1	11	20	38	1.91	20	0.41	964	2	0.03	30	800	8	<5	<20	54	0.02	<10	37	<10	18	54
186	L3600S 3100N	5	<0.2	1.09	10	135	<5	0.38	<1	10	26	17	2.16	<10	0.36	284	1	0.03	17	370	8	<5	<20	17	0.05	<10	52	<10	3	37
187	L3600S 3150N	5	<0.2	1.04	<5	185	<5	0.55	<1	8	12	12	1.96	<10	0.50	500	1	0.03	10	700	6	<5	<20	50	0.05	<10	49	<10	5	50
188	L3600S 3200N	5	<0.2	0.64	<5	60	<5	0.30	<1	4	8	4	1.32	<10	0.27	177	<1	0.02	4	140	4	<5	<20	14	0.04	<10	35	<10	2	26
189	L3600S 3250N	5	<0.2	1.27	5	135	<5	0.33	<1	12	23	8	2.18	<10	0.42	656	2	0.03	11	450	10	<5	<20	14	0.07	<10	57	<10	2	38
190	L3600S 3300N	5	<0.2	1.58	5	135	<5	0.29	<1	10	24	9	2.32	<10	0.46	305	2	0.03	15	540	12	<5	<20	19	0.06	<10	63	<10	2	47
191	L3600S 3350N	5	<0.2	1.29	5	105	<5	0.29	<1	9	21	8	2.12	<10	0.42	175	1	0.03	14	530	10	<5	<20	18	0.06	<10	56	<10	2	46
192	L3600S 3400N	5	<0.2	1.18	5	135	<5	0.26	<1	8	21	6	1.80	<10	0.43	208	1	0.02	12	400	8	<5	<20	16	0.06	<10	50	<10	2	40
193	L3600S 3450N	5	<0.2	1.55	<5	135	<5	0.37	<1	11	20	7	2.30	<10	0.47	358	1	0.03	12	490	10	<5	<20	23	0.07	<10	62	<10	2	78
194	L3600S 3500N	5	<0.2	1.45	10	155	<5	0.21	<1	10	27	10	2.26	<10	0.47	209	2	0.03	16	570	12	<5	<20	13	0.06	<10	57	<10	2	45
195	L3600S 3550N	5	<0.2	1.94	10	285	<5	0.26	<1	14	39	27	3.05	10	0.58	288	2	0.03	30	380	16	<5	<20	17	0.07	<10	73	<10	4	47
196	L3600S 3600N	5	<0.2	1.36	10	180	<5	0.27	<1	10	25	14	2.26	<10	0.44	201	1	0.03	17	370	10	<5	<20	16	0.06	<10	58	<10	4	42
197	L3600S 3650N	5	<0.2	1.49	10	170	<5	0.35	<1	12	24	10	2.70	<10	0.62	300	2	0.03	15	640	10	<5	<20	17	0.07	<10	69	<10	3	51
198	L3600S 3700N	5	<0.2	1.50	10	210	<5	0.31	<1	10	27	14	2.45	<10	0.50	252	2	0.03	17	500	12	<5	<20	17	0.06	<10	64	<10	2	43
199	L3600S 3750N	5	<0.2	1.45	5	115	<5	0.37	<1	10	24	15	2.19	<10	0.43	212	1	0.03	12	400	10	<5	<20	19	0.08	<10	57	<10	4	36
200	L3600S 3800N	5	<0.2	1.64	10	230	<5	0.67	<1	13	30	23	2.51	10	0.55	389	1	0.04	20	730	12	<5	<20	26	0.09	<10	62	<10	8	53
201	L3600S 3850N	10	<0.2	1.51	10	245	<5	0.62	<1	11	30	24	2.41	10	0.51	310	1	0.04	22	590	12	<5	<20	25	0.08	<10	57	<10	9	46
202	L3600S 3900N	5	<0.2	1.20	5	235	<5	0.57	<1	12	22	26	1.88	<10	0.35	553	1	0.04	19	630	10	<5	<20	25	0.06	<10	47	<10	7	35
203	L3600S 3950N N/S																													
204	L3600S 4000N N/S																													
QC DATA:																														
Repeat:																														
6	L2100E 250N		<0.2	2.50	10	200	<5	0.24	<1	16	27	13	3.57	<10	0.93	497	2	0.03	20	870	12	<5	<20	20	0.12	<10	84	<10	1	84
7	L2100E 300N	<5																												
10	L2100E 450N		<0.2	1.44	5	190	<5	0.25	<1	11	28	10	2.87	<10	0.49	259	1	0.03	18	900	12	<5	<20	18	0.07	<10	81	<10	1	48
12	L2100E 550N	5																												
19	L2100E 900N		<0.2	1.40	<5	150	<5	0.33	<1	14	22	18	3.13	<10	0.67	834	1	0.03	13	640	6	<5	<20	25	0.08	<10	84	<10	2	61

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
20	L2100E 950N	<5																												
28	L2100E 1350N		<0.2	0.99	<5	100	<5	0.25	<1	7	18	20	1.80	<10	0.27	232	<1	0.03	7	470	6	<5	<20	19	0.05	<10	52	<10	3	28
29	L2100E 1400N	<5																												
36	L2400E 1900N		<0.2	1.13	5	130	<5	0.25	<1	7	20	11	2.01	<10	0.41	172	<1	0.02	11	270	8	<5	<20	18	0.05	<10	60	<10	2	33
37	L2400E 1950N	5																												
45	L2400E 2350N		<0.2	1.02	5	95	<5	0.14	<1	6	17	11	1.78	<10	0.22	145	<1	0.02	8	310	6	<5	<20	13	0.05	<10	52	<10	1	24
47	L2400E 2450N	25																												
54	L2400E 2850N		<0.2	1.52	5	265	<5	0.60	<1	13	28	18	2.44	10	0.50	585	1	0.03	24	490	8	<5	<20	31	0.05	<10	59	<10	6	41
56	L2400E 2950N	25																												
63	L2400E 3300N		<0.2	1.17	<5	275	<5	0.52	<1	10	22	11	2.07	<10	0.37	323	1	0.03	17	560	8	<5	<20	26	0.04	<10	49	<10	2	39
65	L3000 750N	15																												
71	L3000 1050N	15	<0.2	1.64	10	230	<5	0.21	1	10	33	13	2.69	10	0.54	327	<1	0.02	16	530	18	<5	<20	17	0.07	<10	69	<10	3	47
80	L3000E 1650N	5	<0.2	1.86	10	120	<5	0.16	1	13	35	12	3.49	10	0.58	440	<1	0.03	19	630	20	<5	<20	15	0.07	<10	85	<10	4	100
89	L3000E 2000N	5	<0.2	1.83	10	145	<5	0.11	1	12	31	12	3.51	<10	0.52	384	<1	0.03	18	700	20	<5	<20	18	0.09	<10	86	<10	2	80
98	L3000E 2350N B	<5	<0.2	1.86	10	205	<5	0.17	1	11	38	16	2.95	<10	0.56	344	<1	0.02	21	420	20	<5	<20	21	0.08	<10	72	<10	2	64
106	L3000E 2700N	5	<0.2	1.98	10	225	<5	0.19	1	12	37	14	3.35	10	0.56	274	<1	0.03	21	740	20	<5	<20	21	0.09	<10	84	<10	2	61
115	L3000E 3150N	15	<0.2	1.66	10	210	<5	0.23	1	14	32	13	3.16	<10	0.46	462	<1	0.03	18	470	20	<5	<20	24	0.09	<10	93	<10	2	46
118	1-BL1500N S2	260																												
124	1-BL1500N L-1700E	5	<0.2	1.25	5	185	<5	0.33	<1	9	26	13	2.36	<10	0.39	305	<1	0.03	14	340	14	<5	<20	25	0.08	<10	67	<10	2	39
133	3-L1700 S0	<5	<0.2	1.38	5	290	<5	0.66	<1	10	37	25	2.50	10	0.38	342	<1	0.03	16	420	14	<5	<20	41	0.08	<10	67	<10	6	36
141	3-L1700 S8		<0.2	1.40	5	180	<5	0.37	<1	9	17	10	2.84	10	0.58	310	1	0.03	9	670	8	<5	<20	24	0.09	<10	68	<10	6	48
148	3-L1700 S15	5																												
150	3-L1700 S17		<0.2	0.37	<5	945	<5	2.57	<1	25	3	29	0.82	<10	0.16	748	<1	0.03	19	1000	<2	<5	<20	140	<0.01	<10	18	<10	11	2
151	3-L1700 S18	5																												
159	L3600S 1750		<0.2	1.50	10	125	<5	0.18	<1	9	26	11	2.70	<10	0.40	363	2	0.03	18	530	14	<5	<20	10	0.06	<10	68	<10	2	47
160	L3600S 1800	15																												
168	L3600S 2150N	<5	<0.2	1.43	10	110	<5	0.19	<1	9	26	18	2.66	<10	0.39	315	2	0.03	14	750	12	<5	<20	11	0.06	<10	69	<10	2	46
176	L3600S 2550N	5	<0.2	1.07	5	100	<5	0.19	<1	7	17	16	2.26	<10	0.32	207	1	0.03	10	700	8	<5	<20	14	0.07	<10	60	<10	1	37
185	L3600S 3050N		0.4	1.12	5	395	<5	1.42	2	11	20	40	1.96	20	0.42	996	1	0.04	31	820	10	<5	<20	57	0.02	<10	38	<10	19	56
186	L3600S 3100N	5																												
194	L3600S 3500N	5																												
Standard:																														
Till-3			1.4	1.10	85	40	<5	0.54	<1	14	69	23	1.92	10	0.57	313	1	0.04	30	440	18	<5	<20	15	0.05	<10	38	<10	5	38
Till-3			1.4	1.09	80	35	<5	0.60	<1	13	67	19	1.99	10	0.59	311	1	0.03	29	430	18	<5	<20	14	0.05	<10	36	<10	5	39
Till-3			1.5	1.11	85	40	<5	0.57	<1	14	70	22	1.94	10	0.62	319	1	0.04	32	450	22	<5	<20	14	0.07	<10	38	<10	6	41
Till-3			1.4	1.08	90	40	<5	0.54	<1	13	66	21	1.94	10	0.60	318	2	0.04	31	440	22	<5	<20	13	0.06	<10	37	<10	5	38
SF30		845																												
SF30		845																												
OXE74		630																												

ICP: Aqua Regia Digest / ICP- AES Finish.
Ag : Aqua Regia Digest / AA Finish.
Au: 30g Fire Assay/ AA Finish.

NM/nw
df/1_745S/2_724S/1_745BS
XLS/09

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer