ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: 2012 Soil Geochemistry Assessment Report on the Lekcin Property

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AUTHOR(S): Jodi Cross (Coast Mountain Geological Ltd.)
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
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PROPERTY NAME: Lekcin

CLAIM NAME(S) (on which work was done): 851106, 851109

COMMODITIES SOUGHT: Cu-Ni-PGE's

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: 092HSW082 (SWEDE)

MINING DIVISION: New Westminster
NTS / BCGS: 092H/6W
LATITUDE: 49 ° 27 ' _____" N
LONGITUDE: 121 ° 35 ' _____" W
UTM Zone: 10 EASTING: 603000 NORTHING: 5477000

OWNER(S): John A. Chapman (50%); Gerry G. Carlson (50%)

MAILING ADDRESS: 43-1725 Southmere Cr, Surrey, BC, V4A 7A7; 1740 Orchard Way, West Vancouver, BC, V7V 4E8

OPERATOR(S): APAC Resources Inc.

MAILING ADDRESS: 200-551 Howe St., Vancouver, BC, V6C 2C2

KEYWORDS: Cretaceous; East Harrison Lake Belt; Giant Mascot Mine; Spuzzum Pluton; copper; nickel; platinum group elements; soil grid survey; Portable X-ray Fluorescents analysis

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

AR32874, AR28019, AR28861, AR29020, AR26876, AR3355

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil	72	851109, 851106	$6776.95
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	6776.95

2012 SOIL GEOCHEMISTRY ASSESSMENT REPORT

ON THE

LEKCIN PROPERTY

NEW WESTMINSTER MINING DIVISION
BRITISH COLUMBIA

NTS 092H/6W

UTM: 603000 E, 5477000 N, NAD 83, Zone 10

49°27' NORTH LATITUDE, 121°35' WEST LONGITUDE

PREPARED FOR

APAC Resources Inc.
200 – 551 HOWE STREET
VANCOUVER, BC V6C 2C2

BY

COAST MOUNTAIN GEOLOGICAL LTD.
620 – 650 WEST GEORGIA STREET
VANCOUVER, BC V6B 4N9

February 14, 2013

Jodi Cross, B.Sc., Geology

SUMMARY

The Lekcin Property is located approximately 12 km northwest of Hope and 120 km east of Vancouver, British Columbia along the east side of Harrison Lake. Access to the property is good using an extensive network of logging roads from American Creek forest service road which connects to Provincial Highway #1 (5 km north of Hope), or via the Garnet Creek forest service road which connects to Provincial Highway #7 (13 km west of Hope).

The property consists of 22 tenures covering 7604.48 hectares. The property is owned 50% by John A. Chapman and 50% by Gerry G. Carlson, held by Carlson on behalf of KGE Management Ltd. (the "Vendors"), and is under option to APAC Resources Inc.

The Lekcin Property is within the East Harrison Lake Belt (EHLB) which is intruded by stocks and plutons of the Coast Plutonic Complex (CPC), and is approximately 3.5 km SSW of the Giant Mascot Mine. Two historical occurrences of copper-nickel+/-PGE mineralization have been described on the Lekcin property; the Swede occurrence (Minfile #092HSW082) and the more recently discovered Big Nic zone.

In 2012, a soil geochemistry test survey was conducted over the Big Nic zone, following the existing cut-lines from the 2011 field program. Samples were later analyzed with a portable X-Ray Fluorescents (XRF) analyzer. The low number of readings above detection limits made for a small data set. Nevertheless, the results obtained show a correlation between relatively anomalous metal values and the chargeability anomalies distinguished by the 2011 3D IP survey. This work was completed to add to the data collected in 2011 in the hopes of establishing further exploration plans in order to develop and prioritize future drilling targets.

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1.0 INTRODUCTION

This report details the results of a soil geochemistry survey conducted on the Lekcin property by Coast Mountain Geological Ltd. (CMG) during the fall of 2012. Work was conducted on the property during the period of October 11th to 30th, 2012. Samples were stored, dried and analyzed with a portable XRF analyzer by CMG staff (report author, Jodi Cross).

1.1 LOCATION AND ACCESS

The Lekcin property is located at 49° 26' 38'' north latitude and 121° 33' 41'' west longitude, NTS map sheet 092H/6W in southwestern British Columbia, approximately 12 km northwest of Hope and 120 km east of Vancouver (Figure 1). The claims are centered between Ruby Creek and Emory Creek which connects to the Fraser River. The Fraser River is a major transportation corridor with road, rail, gas and oil pipelines and power transmission lines. The claims can be accessed via the American Creek forest service road which connects to Provincial Highway #1 5 km north of Hope, or via the Garnet Creek forest service road which connects to Provincial Highway #7 13 km west of Hope or 17 km east of Agassiz. Access for development and mining operations would most likely be developed from the American Creek forest service road and/or the Garnet Creek forest service road. The CPR railroad main line is adjacent to Highway 7 at Ruby Creek. In addition, barge access to Ruby Creek is a possibility.

The claims are in moderately rugged, glaciated, mountainous terrain, with elevations ranging from 250 m to 1300 m above sea level, with a maximum of 1425 m on Zofka Ridge. Tree line varies between 1200 m and 1650 m above sea level. Approximately 20% of the property has been logged in recent years and active logging and construction of new logging road access continues.

1.2 CLIMATE

Climate in the region of the Lekcin property consist of cool summers and mild winters. Annual precipitation is approximately 300 cm. Snow pack can reach 400 cm and remains on south slopes until April or May and on north slopes until June. Temperatures range from an average of –1 ^{o}C in winter to 15 ^{o}C in summer.

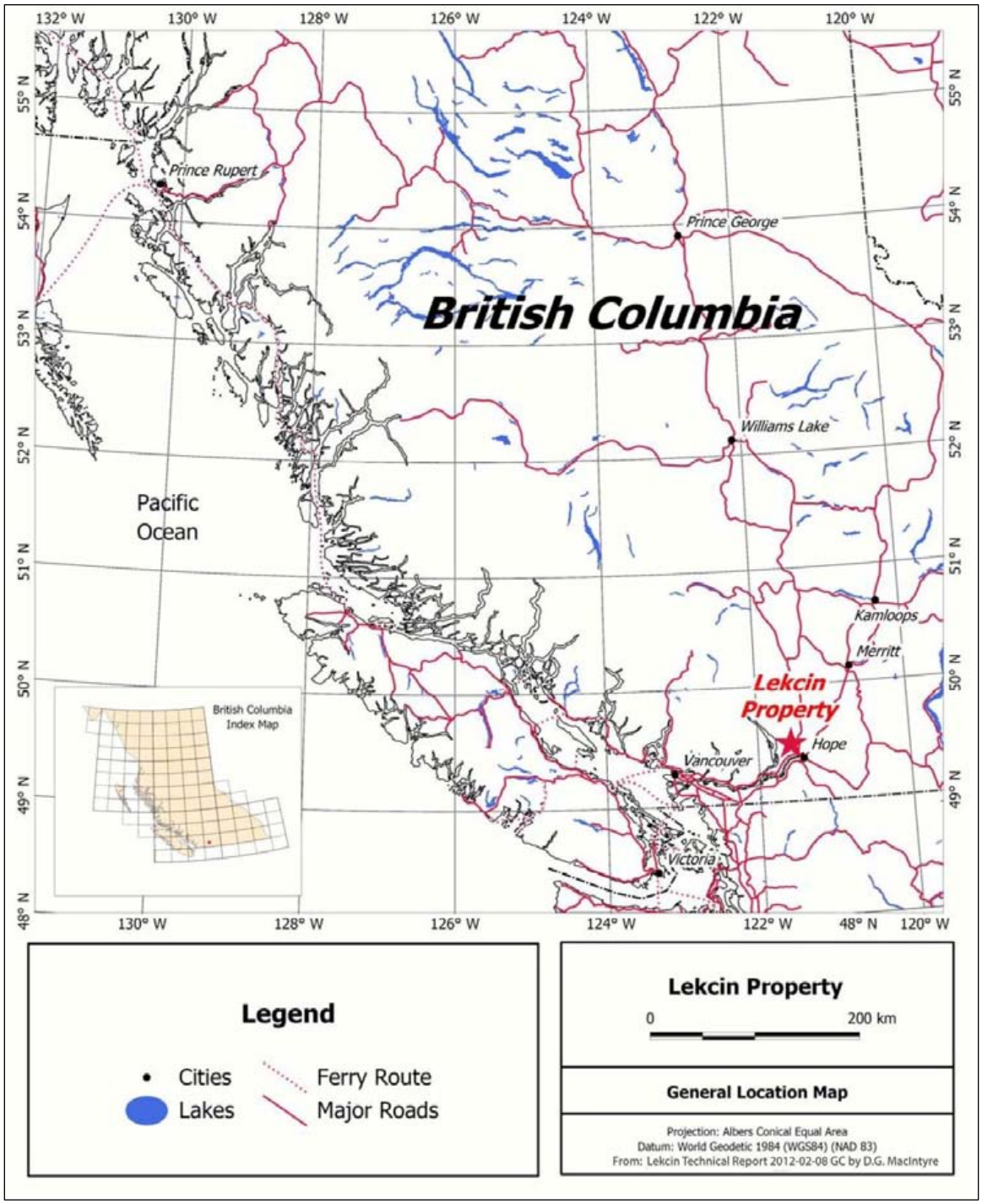
1.3 FLORA AND FAUNA

The Lekcin project area is in an active logging region that extends from the claims along access corridors south to Ruby Creek at Highway 7 and north to Emory Creek. The only environmental element within the region is the Old Settler Peak goat herd, which resides at the headwaters of Daioff Creek, 2 km northeast of the deposit. The herd stays on the peak year round so there should be no impact on their habitat by exploration at Lekcin.

1.4 NATIVE LAND CLAIMS

Almost all of British Columbia lands are subject to treaty negotiations with the Status Indians. The Lekcin property falls within the large "Yale" treaty area; extending south to the U.S.A. border, north to Boston Bar, east to Manning Park and west to Chilliwack.

FIGURE 1: LEKCIN PROPERTY GENERAL LOCATION MAP



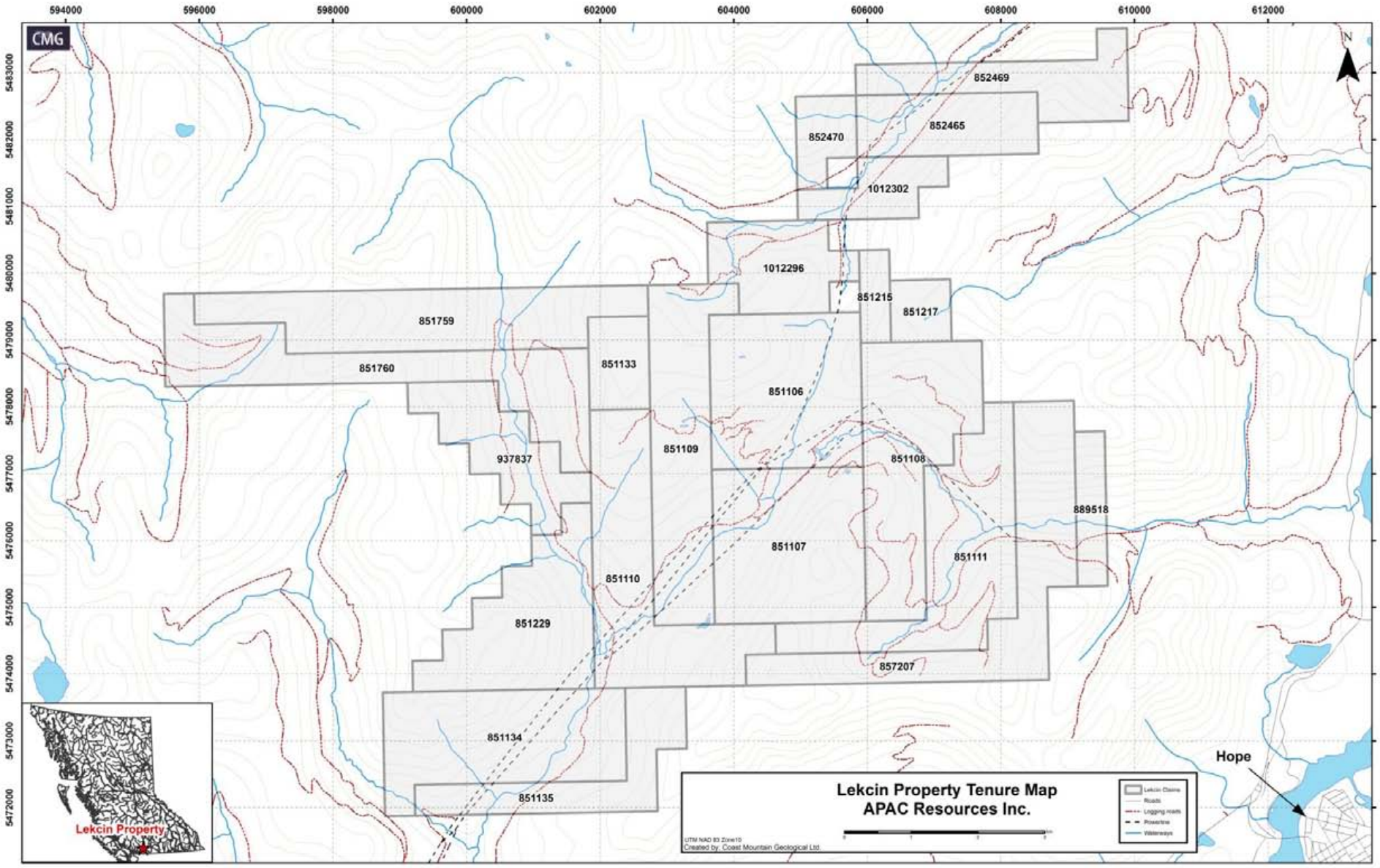
1.5 TENURES AND OWNERSHIP

The Lekcin Property consists of 22 tenures covering approximately 7604.48 hectares (Table 1, Figure 2). The tenures are located in the New Westminster Mining Division of the NTS map sheet 92H/6W. The tenures are owned 50% by John A. Chapman and 50% by Gerry G. Carlson, held by Carlson on behalf of KGE Management Ltd. (the "Vendors"). The property is under option to APAC Resources Inc. of Vancouver, BC.

Table 1: SUMMARY OF TENURE DATA

Tenure Name	Tenure No.	Area (Ha)	Issue Date	New Expiry Date
LEKCIN ONE	851106	525.07	Apr 08 / 2011	Oct 31 / 2021
LEKCIN TWO	851107	525.29	Apr 08 / 2011	Oct 31 / 2019
LEKCIN THREE	851108	525.17	Apr 08 / 2011	Oct 31 / 2019
LEKCIN FOUR	851109	483.13	Apr 08 / 2011	Jun 30 / 2013
LEKCIN FIVE	851110	525.34	Apr 08 / 2011	Jun 30 / 2013
LEKCIN SIX	851111	525.31	Apr 08 / 2011	Oct 31 / 2021
LEKCIN SEVEN	851133	126.01	Apr 08 / 2011	Jun 30 / 2013
LEKCIN EIGHT	851134	525.57	Apr 08 / 2011	Jun 30 / 2013
LEKCIN NINE	851135	273.32	Apr 08 / 2011	Jun 30 / 2013
LEKCIN ELEVEN	851215	62.99	Apr 09 / 2011	Oct 31 / 2021
LEKCIN 10	851217	83.99	Apr 09 / 2011	Oct 31 / 2021
LEKCIN TWELVE	851229	441.34	Apr 09 / 2011	Jun 30 / 2013
LEKCIN 13	851759	524.95	Apr 15 / 2011	Jun 30 / 2013
LEKCIN 14	851760	525.02	Apr 15 / 2011	Jun 30 / 2013
LEKCIN 15	852465	251.86	Apr 25 / 2011	Jun 30 / 2013
LEKCIN 16	852469	272.82	Apr 25 / 2011	Jun 30 / 2013
LEKCIN 17	852470	104.94	Apr 25 / 2011	Jun 30 / 2013
LEKCIN 18	857207	525.35	Jun 18 / 2011	Jun 30 / 2013
LEKCIN 19	889518	105.05	Aug 15 / 2011	Aug 15 / 2013
LEKCIN 20	937837	273.07	Dec 17 / 2011	Jun 30 / 2013
LEKCIN 21	1012296	251.95	Aug 27 / 2012	Aug 27 / 2013
LEKCIN 22	1012302	146.94	Aug 27 / 2012	Aug 27 / 2013
	TOTAL	**7604.48**		

FIGURE 2: LEKCIN PROPERTY TENURE MAP



2.0 REGIONAL GEOLOGY

The regional geology of the East Harrison Lake Belt (EHLB) is subdivided into north to northwest-trending tectono-stratigraphic packages and intruded by mid-Cretaceous age stocks and plutons of the Coast Plutonic Complex (CPC) (Figure 3). Age relationships, lithological associations and metamorphic grade distinguish the tectono-stratigraphic packages, which are stacked from west to east along faulted, layer-parallel contacts. Jura-Cretaceous, calc-alkaline, intermediate to felsic, arc-derived volcanic and sedimentary sequences of the Harrison Lake and Fire Lake Groups form the western margin of the belt. The CPC partially obscures the eastern margin of the belt.

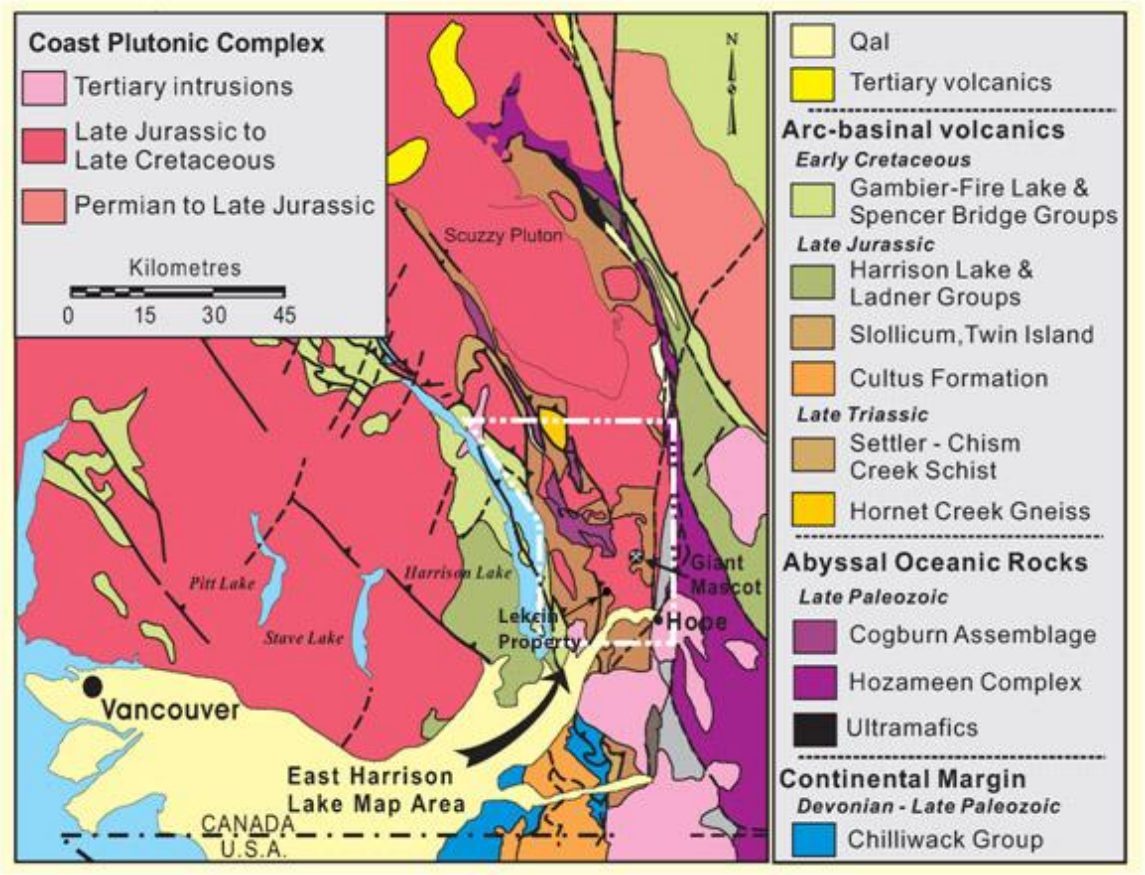
The most recent interpretation of the regional geology by Ash (2002) presents a two-fold subdivision of the EHLB. Ash identifies an upper ophiolitic package called the Cogburn Assemblage, which includes the ultramafic rocks that are focus of the current exploration program and lower package of Middle to late Triassic arc-derived? clastic meta-sedimentary rocks which sit structurally above and to the east of the Harrison Lake and Fire lake groups. Rocks of the EHLB are moderately to tightly folded along south to southeast plunging axes which reflect the influence of both regional tectonism and post-kinematic intrusion of the CPC.

The clastic metasedimentary sequence comprises variably metamorphosed, interbedded mudstone, siltstone and fine to medium grained volcanic wacke (Lowes, 1972). Metamorphism grades from greenschist to amphibolite facies (to the sillimanite zone) and appears to increase, along with intensity of ductile deformation, eastward and particularly near the margins of the mid-Cretaceous intrusions. The unit is crosscut by the Hornet Creek Gneiss which has been dated by U-Pb zircon methods at ca 226 Ma (Monger and Parrish, 1991). The eastern part of this unit was formally called the Settler Schist, which Monger and Parrish (1991) correlated with the Darrington Phyllite of the Shuksan Suite in northwest Washington. The western part of the unit was previously assigned to the sedimentary component of the Slolicum Schist (Troost, 1999). Ash (2002) suggests that these rocks are typical of Late Triassic basinal sedimentary sequences that are a dominant component of Mesozoic arc terrains along the Cordillera.

The term Cogburn Group was originally used to described ophiolitic melange of chlorite-amphibole schist (mafic volcanic), grey meta-phyllite and metamorphised ribboned chert (Gabites, 1985). Ash (2002) combined the supracrustal volcanics and sediments of the Cogburn Group with mafic plutonic rocks, including the Baird Metadiorite, and the ultramafic bodies into what he described as a coherent, imbricated ophiolitic package called the Cogburn Assemblage. The ophiolitic package sits structurally above the metaclastic rocks. Metamorphism ranges from upper greenschist to amphibolite grade. Gabites (1985) correlated the Cogburn Group rocks with Mississippian to earliest Jurassic oceanic rocks of the Bridge River-Hozameen Terrains.

The mid-Cretaceous intrusions of the EHLB appear to be part of a single evolving plutonic suite that formed between 103 Ma and 93 Ma (Ash, 2002). Three identifiable phases, ranging in composition from diorites to tonalites (Gabite, 1985; Monger, 1989; Journey and Friedman, 1993) are found in the EHLB. The plutons become progressively younger and larger, with more evolved compositions and larger and more complex metamorphic aureoles from west to east across the belt (Ash, 2002).

FIGURE 3: REGIONAL GEOLOGIC SETTING (REVISED AFTER JOURNEAY AND FRIEDMAN, 1993)



2.1 GIANT MASCOT MINE

The Giant Mascot mine represents the only significant nickel producer in British Columbia. The initial discovery on the Giant Mascot mine property (also called: Pride of Emory mine, B.C. Nickel, Pacific Nickel, Western Nickel, and Giant Nickel mine) was made in 1923 when Carl Zofka, a trapper, located outcrops of the Pride of Emory ore body on Emory Mountain. By 1937 $1,300,000 was spent to develop 1.2 million tons of ore at 1.38 per cent nickel and 0.50 per cent copper. From 1958 to closure, total production from 26 ore bodies was approximately 4,700,000 tons of ore, containing 59,000,000 pounds of nickel and 28,000,000 pounds of copper.

2.2 LOCAL GEOLOGY OF THE GIANT MASCOT DEPOSIT

Pyrrhotitic nickel-copper deposits are situated in an ultrabasic complex with chronologically and probably genetically related basic, dioritic, and noritic phases. The complex forms part of a 15-mile-wide, north-trending block of Late Paleozoic metamorphic rocks and Mesozoic intrusive rocks. The block is bounded on the east by the Fraser River fault zone and on the west by the Shuksan fault zone. Pipe-like mineral deposits occur within a segmented, crudely elliptical ultramafic complex about 1.5 miles in diameter. The stock-like mass contains pendants of

metamorphosed Paleozoic rocks of the Chilliwack Group (?) and is in turn enclosed in younger granitic rocks considered to be part of the Spuzzum pluton.

The complex contains a complete spectrum of ultramafic rocks with pyroxenite and peridotite (generally hornblendic) the most common rock types and dunitic phases rare. Hornblendite is often found adjacent to a granitic contact, suggesting a metamorphic or metasomatic origin for these bodies.

Twenty-eight mineral deposits have been outlined within the main ultramafic mass. Of these deposits, production has been obtained from twenty-two, and five (4600, Pride of Emory, 1500, Brunswick 2, and Brunswick 5) accounted for over two-thirds of the production. Pipe-like orebodies range from a vertical continuity of 1,200 feet to 100 feet and have horizontal sections ranging from 250 by 120 feet to 20 by 40 feet. The orebodies can be divided into three types: (1) zoned, in which sulphides are disseminated through one or more rock types and show gradational change in tenor (for example, Brunswick Nos. 1, 5, 6 and 4600, 1900, and 512), (2) massive, generally confined to fault or contact zones and having sharp contacts (for example, Pride of Emory and Brunswick Nos. 2, 8, and 9), (3) vein, narrow tabular bodies that may enrich an ore zone but have limited tonnage potential.

3.0 PROPERTY GEOLOGY

The geology of the Lekcin Property (Figure 4) is modified after McClaren (2007). The north-central portion of the Property is underlain by the Spuzzum Pluton. The Spuzzum Pluton is compositionally zoned and irregularly shaped body that is approximately 10 x 30 km in plan view (Richards and McTaggert, 1976). The Spuzzum Pluton age ranges from 96.3 +/- 0.5 Ma (zircon) (Brown et al. 2000) in the north-northwest to 79 +/- Ma (biotite) (Richards and McTaggert, 1976) at the southern tonalitic portion of the pluton. Magmatic fabric is prevalent in the southern portion of the pluton but the northernmost part of the pluton is overprinted by solid-state foliation. While the ultramafic rocks have been grouped with the Spuzzum Pluton rocks, age determinations have yet to conclude unequivocally that they are of the same age (G. Nixon, pers. comm. to McClaren, 2007). The following igneous phases have been recognized within the Property.

Pyroxene Diorite: Pyroxene > hornblende + biotite (+chlorite). Minute inclusions of hematite in plagioclase feldspars commonly give it a pink colour. The average anthorite content is An_{53} and ranges from a low of $An_{43.7}$ to a high of $An_{62.1}$ (Vining, 1977).

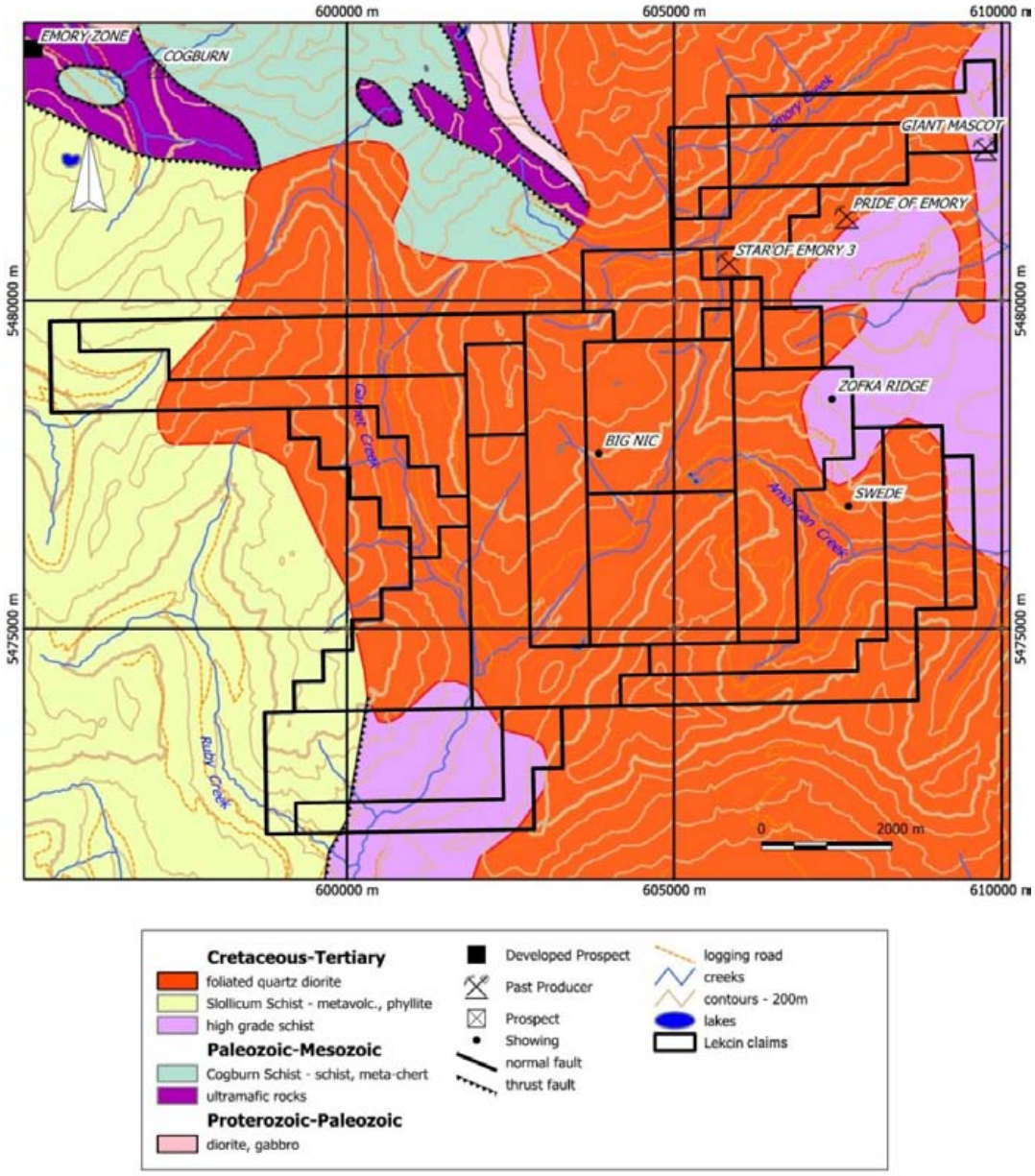
Hornblende Diorite: Hornblende > pyroxene. Pyroxene < 10% and hornblende > 10% + biotite + plagioclase. Plagioclase has an average composition of $An_{47.5}$ and ranges from a low of $An_{41.2}$ to a high of $An_{53.8}$ (Vining, 1977).

Tonalite: Largely composed of anhedral quartz and biotite, subhedral hornblende and plagioclase (An_{50} - An_{32}). Locally foliated; locally hornblendized to resemble hornblende gabbro. The unit shows a gradational and comfortable contact with metamorphic rocks. Small to large xenoliths of gneiss and schist are included in tonalite in all parts (Vining, 1977). Tonalite was considered to

be younger than diorites of the Spuzzum Pluton (Richards, 1971) and considered to be contemporaneous with other diorites of the Spuzzum Pluton (Vining, 1977). There is no presence of pyroxene within the tonalites.

Hornblende Diorite and Tonalite: Rocks believed to have formed by the hornblendization of diorite or tonalite are characterized by the abundance of hornblende, with plagioclase and perhaps quartz and biotite, but no pyroxene. These rocks grade into normal diorite or tonalite. Ultramafic bodies are closely associated with hornblendized rocks. Pyroxenes (predominately hypersthene) may be found in transitions to diorite and occur as corroded relicts in hornblende clots (Vining, 1977). Hornblende gabbro dykes are found to cut the Spuzzum Pluton pyroxene diorite in the north central portion of the Big Nic Property. Rubble consisting of pyroxenite with associated sulphide mineralization (pyrrhotite, chalcopyrite and pentlandite) has been found at several locations within the area in which the geophysical surveys were carried out (McClaren, 2007).

FIGURE 4: GEOLOGY MAP OF THE LEKCIN PROPERTY (GEOLOGY AFTER MASSEY ET AL., 2003)



4.0 MINERALIZATION

Two historical occurrences of copper-nickel+/-PGE mineralization have been described on the Lekcin property; the Swede occurrence (Minfile #092HSW082) and the more recently discovered Big Nic zone.

4.1 BIG NIC

Previous exploration by Pacific Coast Nickel located several areas of massive sulphide rubble on the Big Nic mineral tenures. Follow-up prospecting during the 2006 field season located additional areas of rubble mineralization (Sp Gabbro, MS-8 and MS-10) (McClaren, 2006). Mineralization at Big Nic, located in the northern portion of the Property, is primarily found as angular rubble, believed to be close to its source area. Assays of grab samples of this mineralized rubble material have yielded up to 0.93% nickel; 7.44% copper and .09% cobalt (McClaren, 2007). Mineralization consists of pyrrhotite, chalcopyrite and pentlandite associated with pyroxenite. In the Big Nic area, pyroxenite found mingled with a melanocratic hornblende gabbro is altered to hornblende. A magnetometer grid survey was carried out over the MS area and a ground magnetic survey to the west of this area. The grid survey was able to define the probable source of rubble mineralization in the MS area and the ground magnetic survey was able to detect other areas of interest (McClaren 2007).

4.2 SWEDE

The following description of the Swede showing is taken from the Minfile database. The area of the Swede occurrence is underlain by altered, sericitized and chloritized diorite, gabbro, pyroxenite, peridotite, dunite and hornblendite. Granodiorite, diorite and gabbro phases are reported to be gradational to each other. Rusty oxidized and crumbly shear zones are common in the pyroxenite. Garnet-rich paragneiss and sericite schist occurs nearby, apparently as a roof pendant. The intrusive rocks are reported to form an arcuate-shaped complex occurring as a marginal phase of the main intrusive mass, which is thought to be Cretaceous in age. Shearing is strongest along a south trend with dips predominantly to the west. Northwest striking shears with north dips are also common. Nickeliferous pyrrhotite occurs disseminated with chalcopyrite in fractured pyroxenite and peridotite. Pyrite occurs sparingly as disseminations in the rusty oxidized and sheared zones. Results from drilling in the early 1970s ranged from between 0.09 % nickel and 0.02 % copper over 1.2 metres to 0.01 % nickel and 0.01 % copper over 9 metres (Tully, 1970).

5.0 LEKCIN EXPLORATION HISTORY

Nickel-copper mineralization was discovered in 1923 at the Giant Mascot deposit (Pacific Nickel or Pride of Emory, B.C.) by prospector Carl Zofta. From 1936 to 1974, Giant Mascot produced 26,573,090 kilograms of nickel and 13,212,770 kilograms of copper with silver, gold and cobalt credits by milling 4.3 million tonnes of ore from 28 individual orebodies. PGE production was not recorded, but early sampling yielded values from 2.74 to 3.98 g/t platinum plus palladium.

The mine maintained an average head grade of 0.77% Ni, 0.33% Cu, 0.68 g/t Au and 0.34 g/t platinum group elements (PGE's). Maximum ore grades were quoted as 2.6% Ni, 0.9% Cu, 1 .O% Cr, 0.1% Co, 0.68 g/t Au, 2 g/t Pt and 7.2 g/t Pd (Travis, 2002). Most of this production occurred after Giant Mascot Mines Limited reorganized the property and commenced continuous production from 1958 to closure in August, 1973.

Mineralization at Giant Mascot is hosted in what was interpreted as early ultramafic phases of the predominantly dioritic Spuzzum Pluton. Since that initial discovery most exploration in the region has focused on the Ni-Cu, and more recently the PGE potential of the ultramafic rocks, including those on the Lekcin property.

The first recorded exploration in the area of the Lekcin Property started in 1967 when the Swede occurrence was discovered. Over the next several years, Kelso Explorations Ltd. completed surface exploration programs, including prospecting, mapping, geochemical sampling, magnetic and self potential surveys and bulldozer trenching. This work culminated in 341 metres (1,120 feet) of BX diamond drilling in 1970, resulting in narrow intersections of anomalous nickel in pyroxenite and peridotite (Tully, 1970).

Giant Mascot Mines completed some geochemical silt sampling in the early 1970's related to their nearby mining operations and Lacana Mining Corporation conducted extensive reconnaissance exploration throughout an area that partially includes the Property in 1987.

In 2000, Santoy Resources Ltd. acquired property in the Giant Mascot Ni belt, specifically targeting areas where ultramafic xenoliths were known to occur within the Spuzzum pluton.

In 2001, Santoy worked mainly on the Victor Nickel and DC Nickel showings, on the area west of Victor Nickel and on the Emory 6 claim, immediately west of the Giant Mascot "glory hole". The 2001 field program at the Victor showing consisted of detailed mapping and sampling (16 chip samples) and improving access. Sampling indicated enrichment in PGE's (Pt< 86 ppb, Pd ~65 ppb) and elevated Cu (< 1,137 ppm), Ni (~510 ppm) but failed to return substantial results (Travis, 2002).

The original Big Nic claims were staked by Pacific Coast Nickel Corp. ("Pacific Coast") in 2003 over an area that comprises the majority of the current Lekcin property. Reconnaissance rock sampling was completed, predominantly in the height of land separating the Garnet Creek and North Fork or American Creek watersheds. Late in the 2003 field season, Pacific Coast discovered massive sulphide rubble in an area now referred to as the Big Nic showing, approximately 7.5 km southwest of the Giant Mascot Mine. The float was angular in nature, suggesting it occurs close to source, and graded up to 0.93 % nickel, 7.44 % copper and .09 % cobalt.

In 2005 Pacific Coast completed reconnaissance rock sampling in the area worked in 2004 and also in the Mt. McNair-Mt. Parker area on the western side of the Property. They also contracted Aeroquest Limited to fly 615.0 line kilometres of an Aero TEM II magneticelectromagnetic survey (McClaren, 2005). This survey identified areas on the Big Nic Property that Pacific Coast felt warranted further assessment. These areas were examined during their 2006 field program.

In 2006 Pacific Coast completed an additional 74.4 line kilometres of airborne TEM II survey in the north-western portion of the claim group (McClaren, 2006). This survey outlined a circular magnetic feature approximately 1.5 kilometres in diameter, possibly indicative of prospective ultramafic lithologies. A number of weak to moderate conductors were also detected. They also completed a program of limited surface rock sampling and ground based magnetic surveying, in a further effort to locate the source of the massive sulphide float discovery.

In 2007, Pacific Coast carried out additional detailed geophysical surveys in the area of the Big Nic showing, including 13 line km of magnetic surveying and 66 transient EM soundings (McClaren, 2007).

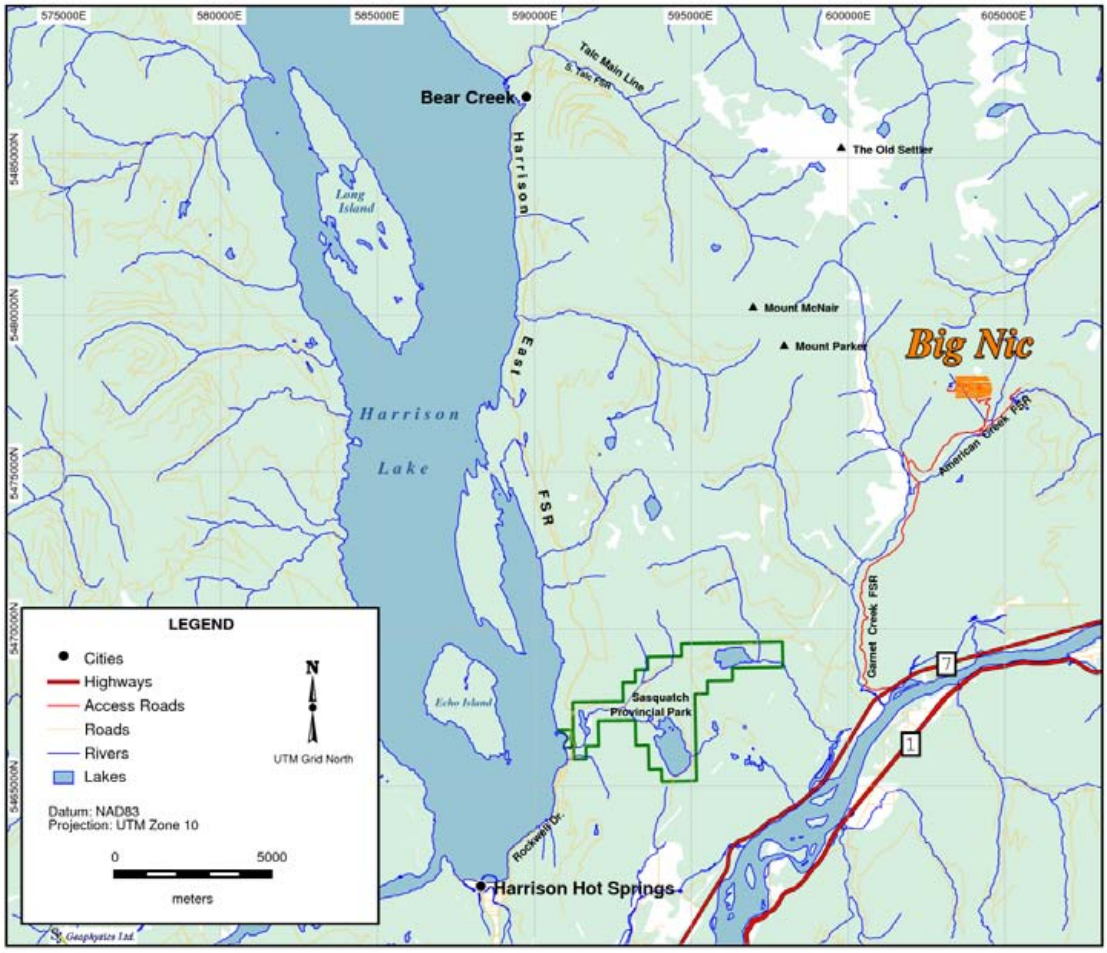
In 2008, Pacific Coast drilled 3 short holes in the vicinity of the Big Nic showing (M. McClaren pers. com. to D. MacIntyre, 2012). Results of the drilling were disappointing, with low nickel and copper values encountered over narrow widths. Mr. McClaren also stated that two holes were drilled near or in the borrow pit where massive sulphide boulders occur. There is no information on the location of these drill holes or the results encountered.

In 2011, the Vendors acquired the Property by staking. They subsequently acquired the data from several airborne magnetic-electromagnetic surveys that have been flown over and adjacent to portions of the property over the past several years (McClaren, 2006). The same year, APAC Resources Inc. optioned the property and contracted CMG to do two small, 3D Induced Polarization (3D IP) surveys, over the Big Nic and Swede showings (AR32874). A number of small, elongate, ovoid shaped chargeability anomalies were detected on the Big Nic grid, possibly corresponding to localized concentrations of sulphide minerals in underlying bedrock, perhaps as pipe like bodies. A coincident chargeability high and resistivity low was also detected on the western edge of the Swede grid. The cause of this anomaly was not determined. During the same exploration program, CMG conducted prospecting and geochemical surveying. This work resulted in the location of massive sulphide float in a small borrow pit located 440 metres northeast of the main Big Nic showing (PCN site MS-8). The massive sulphide is predominantly pyrrhotite and pyrite with lesser chalcopyrite and pentlandite. Assay results for 7 samples of massive sulphide collected from the borrow pit returned between 0.84 to 4.38% Cu, 0.64 to 0.92% Ni, 0.02 to 1.14 g/t Au, 0.02 to 0.12 g/t Pt and 0.09 to 0.17 g/t Pd.

6.0 2012 FIELD PROGRAM - SOIL GEOCHEMISTRY

At the request of APAC, Coast Mountain Geological Ltd. (CMG) was contracted to oversee a 2012 work program involving a small soil geochemistry test survey on the Lekcin Property. The survey was conducted over the Big Nic grid (Figure 5) along survey lines cut for the 3D IP survey conduct in 2011 (AR32874). Work was done from October 11-30, 2012. Total cost of the 2012 soil sampling program was $6776.95. A statement of expenditures is included at the end of this report.

FIGURE 5: LOCATION MAP FOR THE BIG NIC GRID



6.1 GRID ESTABLISHMENT AND SAMPLING METHOD

The soil grid was established along the existing cut lines of the geophysical survey completed the previous year. Samples were collected at 25m spacing along five of the seven lines (1N, 2N, 4N, 6N, and 7N) to test underlying chargeability anomalies revealed by the 2011 IP survey (Figure 6). Stations were labelled using the last four digits in the UTM easting (NAD83, Zone10) for that location. Altogether 72 samples were collected.

Sample stations were located using a hand-held GPS based on the coordinates established for each site. Samples were taken from the "B" horizon, whenever possible, and placed in Kraft bags which were labelled with the line and station number using a permanent marker. Where a "B" horizon was not present samples were taken from the "A" horizon. Sample notes concerning the samples depth, colour, soil horizon sampled and additional comments, along with the sampler's initials, were recorded. These notes are tabulated in Appendix I. Soil sample stations were marked with flagging labelled with the sample number.

At the end of the program, all soil samples were delivered to the CMG warehouse where they were stored in a secure facility and allowed to air dry.

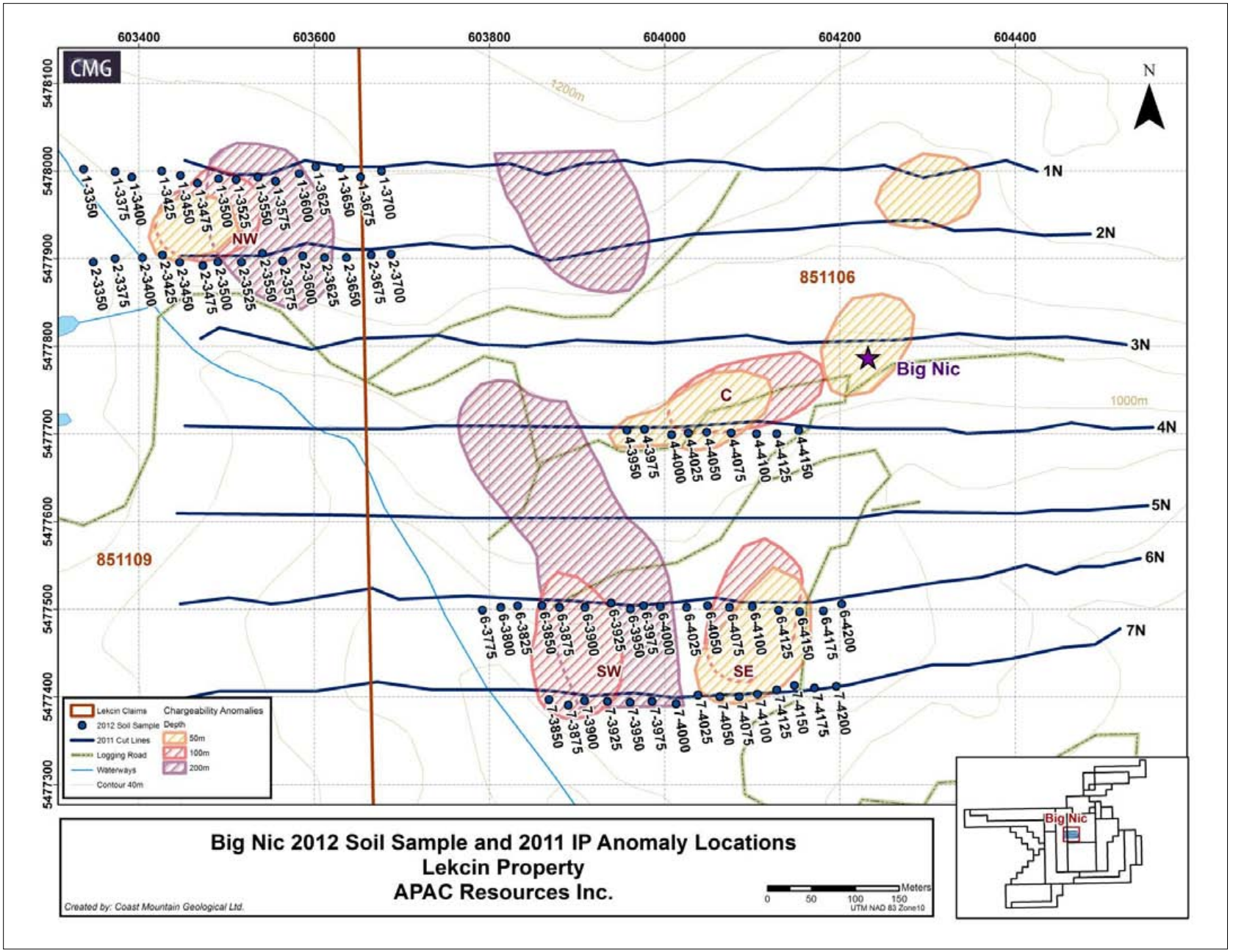
6.2 SAMPLE SECURITY AND ANALYSIS

Samples were brought back to camp daily, dried and stored in a secure place. At the end of the program, all samples were sorted by line numbers, packed and readied for transport on site by the field crew. A CMG employee drove the samples directly to CMG's warehouse facilities in Burnaby, B.C. where they were stored on a secure rack. The samples (thoroughly dry) were analyzed with a Thermo Scientific NITON® XL3t™ GOLDD+ portable XRF analyzer operated by Jodi Cross, a NDT certified operator of Coast Mountain Geological Ltd.

Sample preparation included removing a representative column of soil from the sample bag with a clean scoop, and placing the material on a clean (metal-free) paper surface. The soil was then covered with a 6µ-thick circular Mylar® X-ray film and pressed into a puck for analyzing. The XRF analysis is a spot measurement of the sample, examining an area of approximately 1cm in diameter and 0.1-3mm depth.

For each sample analysis the main, low, and high filters of the XRF were activated for 30 seconds each. Results from the XRF analysis are not directly comparable to assays, which measure an average of the entire sample. Nevertheless, XRF analysis is useful in qualitatively identifying anomalous samples from background. For each sample the measurement is accompanied by a variable 2σ error, specific for each element detected, which gives the reliability of the analysis. It is important to note that this error is not only different for each element within a given sample, but varies between samples for the same element. Errors were reduced by drying the samples, as well as pressing the material to eliminate air pockets between grains. The analytical results are provided in Appendix II.

FIGURE 6: BIG NIC 2012 SOIL SAMPLE AND 2011 IP ANOMALY LOCATIONS



7.0 RESULTS AND INTERPRETATION

Five lines of soil sampling were conducted to find possible correlations with the chargeability anomalies determined by the 2011 3D IP program (AR32874). Four of the chargeability anomalies were tested. Each of these anomalous features exhibited high chargeability values and pipe-like forms, which present similarities with the forms of the ore chutes of the nearby Giant Mascot Mine.

The Northwest (NW) anomaly was tested by lines 1N and 2N. The Central (C) anomaly was tested by line 4N. The Southwest (SW) and Southeast (SE) geophysical anomalies were tested by -lines 6N and 7N (Figure 6).

XRF soil results were compiled and anomalous levels were defined using histogram plots for elements of interest (Cu, Ni, Pb, Zn, Cd, Pd). The high number of less than detection limit (<LOD) readings within the data set made statistical analysis difficult, thus only values for Zn and Cd have more than one level of anomalous ranges. Table 2 lists the anomalous levels for each element, as defined by the spread of the data in the histogram plots. Using the values listed in Table 2, plots were generated for each element (Figures 7 to 12) showing the underlying chargeability anomalies discussed above. Outlines of the anomalies were plotted at three different depths (50m, 100m, and 200m below surface), as determined by the 2011 IP survey.

The results from this geochemical test survey showed some moderate correlations with the previous IP survey. In particular, the Cu, Ni, and Zinc anomalous returns correlate well with the SW, SE and Central chargeability anomalies. Cd and Pd correlated with the Central and NW anomalies, while Pb values poorly correlate and predominantly flank the NW, SW and SE anomalies.

Table 2: ANOMALOUS LEVELS FOR SELECT ELEMENTS IN SOIL SAMPLES

	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	Cd (ppm)	Pd (ppm)
Weakly Anomalous	N/A	N/A	N/A	45	14	N/A
Anomalous	35	75	30	60	24	11

FIGURE 7: XRF ANALYTICAL RESULTS OF Cu (PPM) IN SOILS

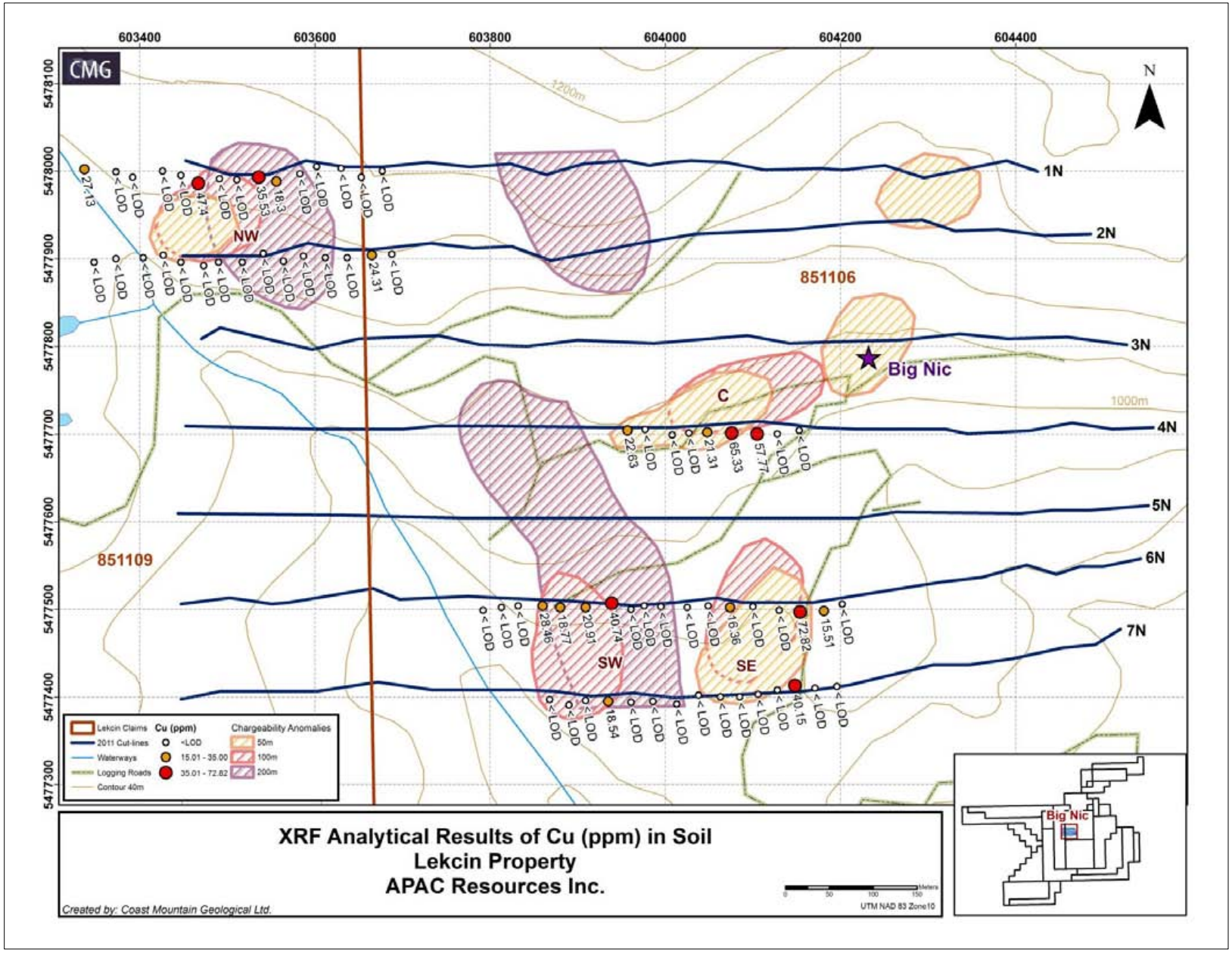


FIGURE 8: XRF ANALYTICAL RESULTS OF Ni (PPM) IN SOILS

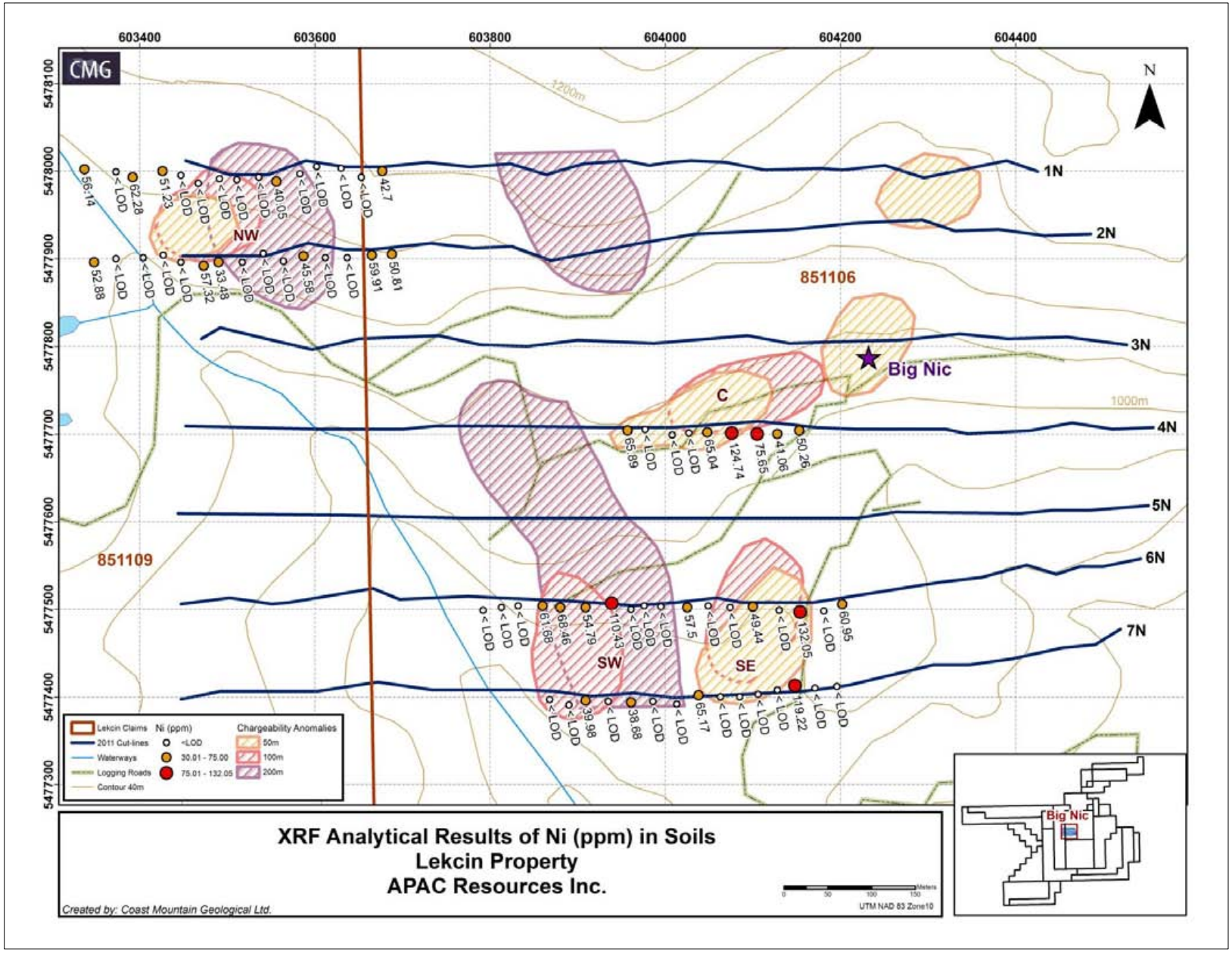


FIGURE 9: XRF ANALYTICAL RESULTS OF Pb (PPM) IN SOILS

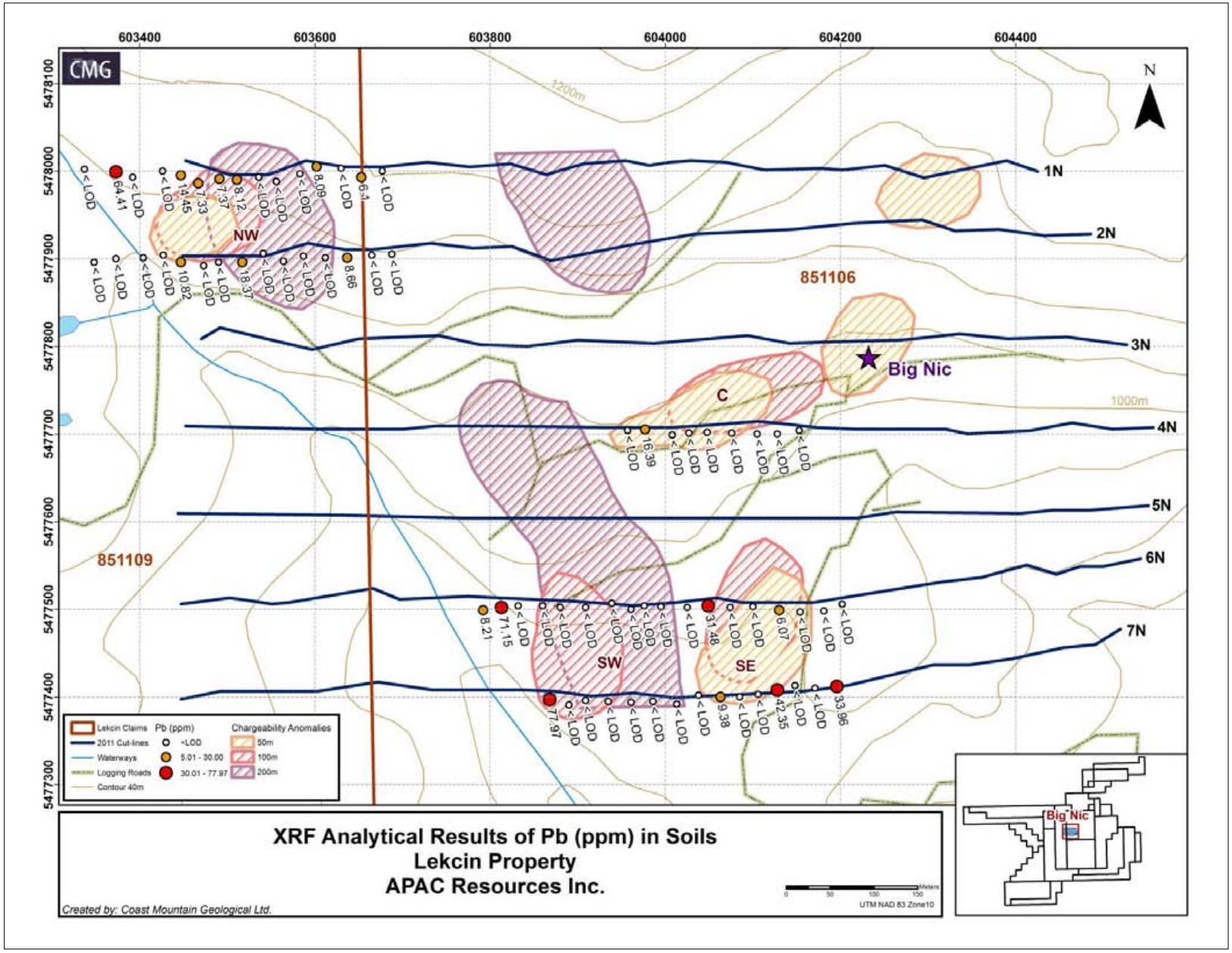


FIGURE 10: XRF ANALYTICAL RESULTS OF Zn (PPM) IN SOILS

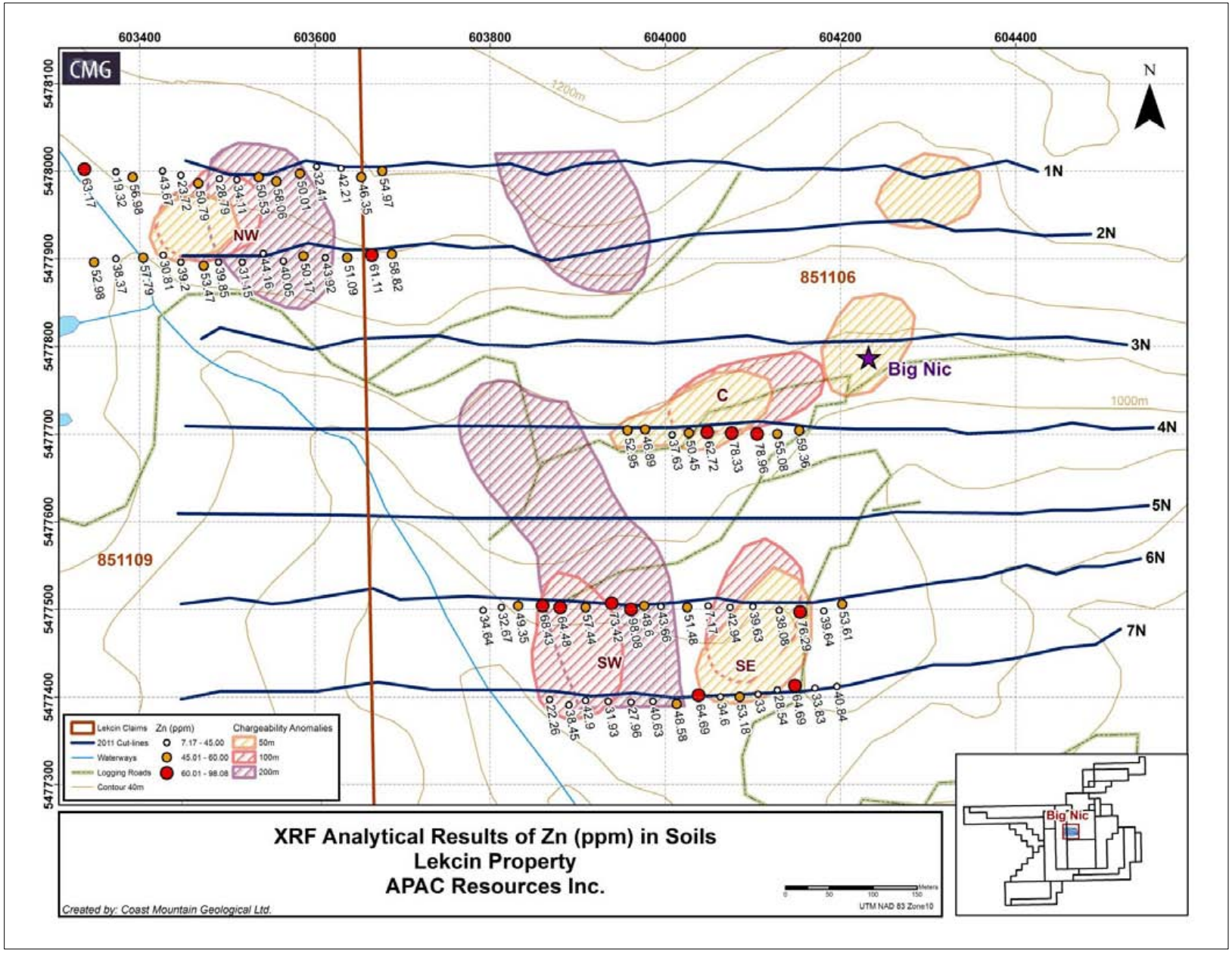


FIGURE 11: XRF ANALYTICAL RESULTS OF Cd (PPM) IN SOILS

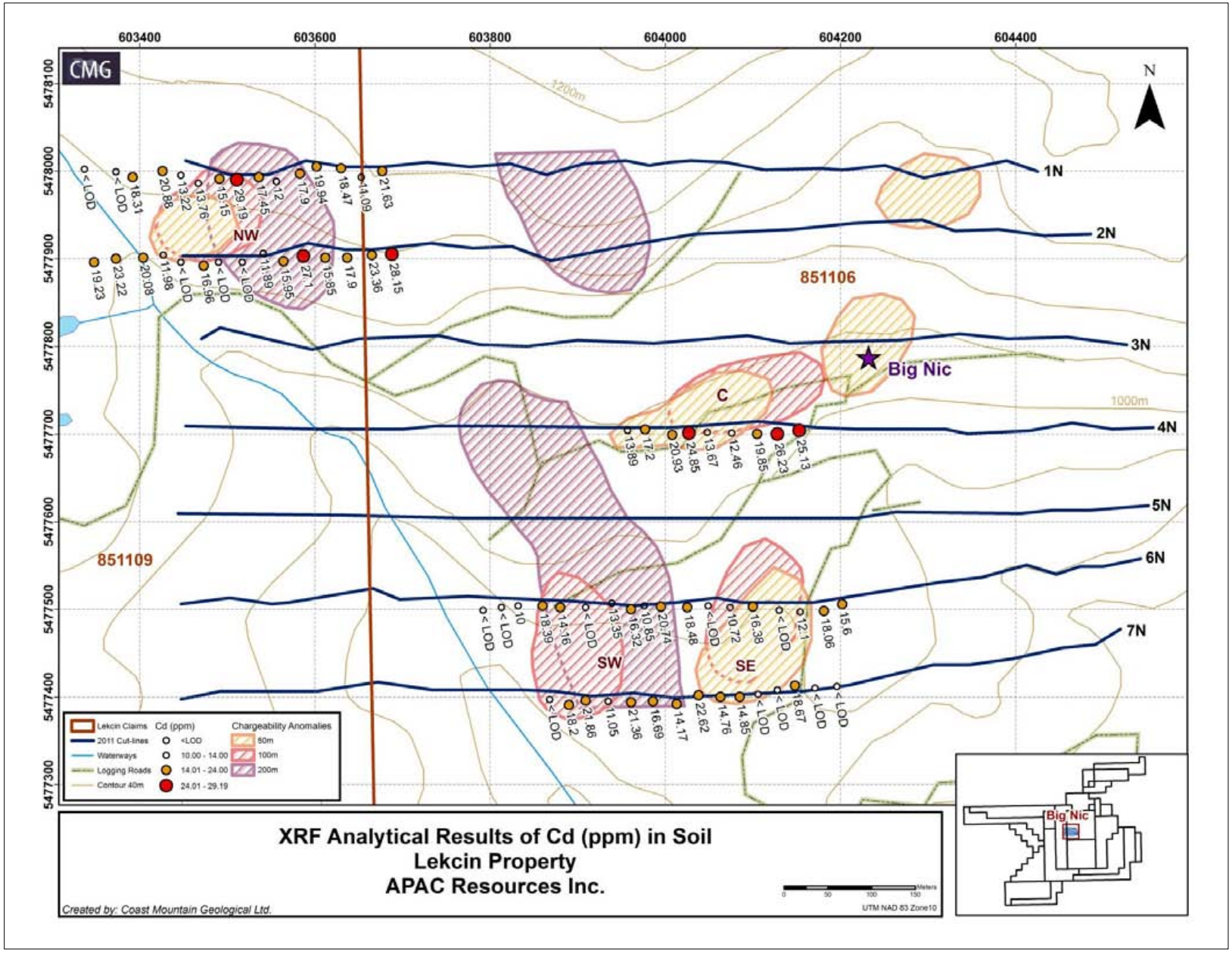
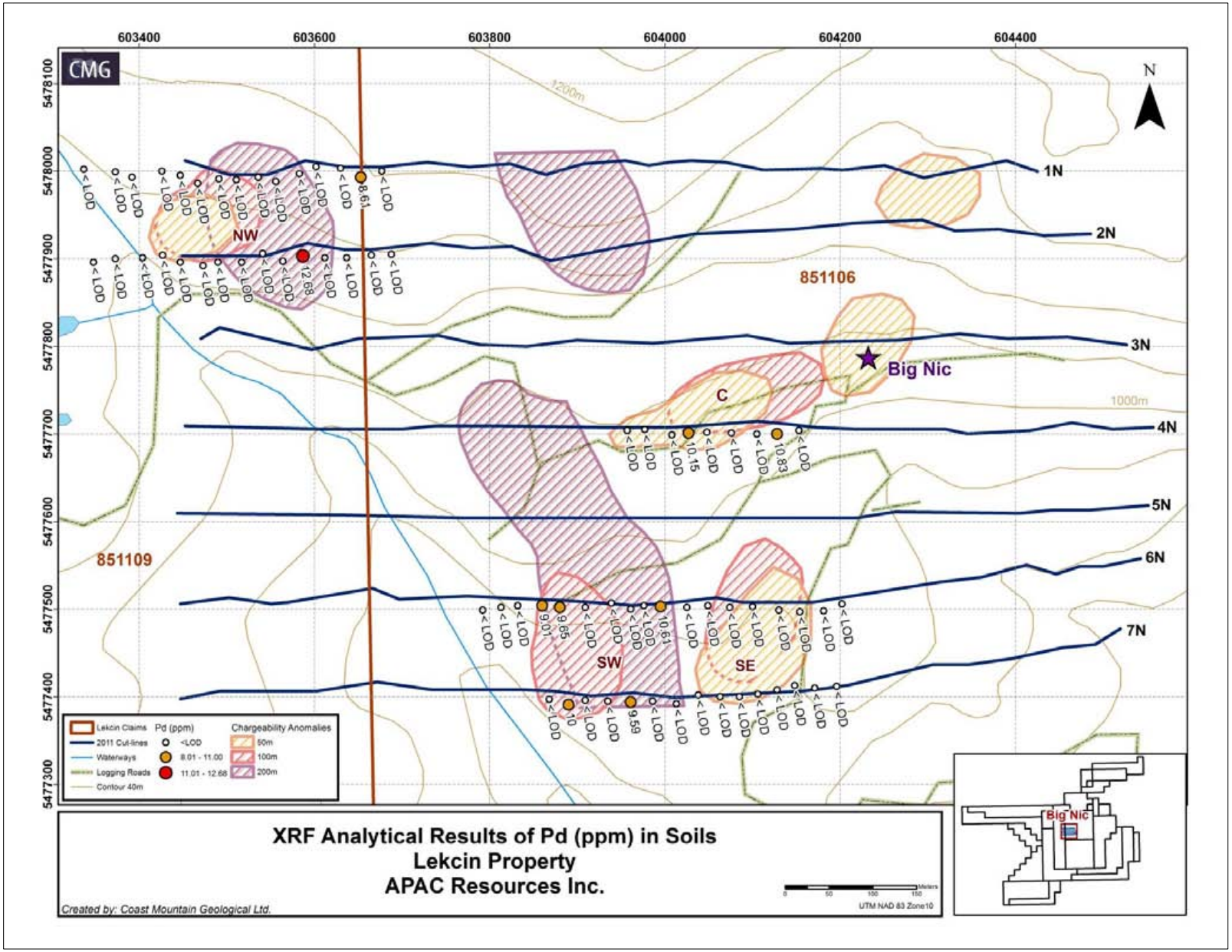


FIGURE 12: XRF ANALYTICAL RESULTS OF Pd (PPM) IN SOILS



8.0 CONCLUSIONS AND RECOMMENDATIONS

In conclusion, the 2012 geochemical test survey demonstrated that there is good potential for a more detailed and extensive soil geochemical survey to be of benefit to the project. The Cu, Ni, Zn, Cd and Pd all showed a reasonable degree of correlation with the 2011 3D IP chargeability anomalies.

Therefore, it is strongly recommended that an extensive soil geochemistry survey be carried out during the next phase of exploration work, commencing with the completion of the existing Big Nic grid. Based on the results encountered, this geochemical work and further gridding can be extended beyond the present grid.

While the analytical results generated by the XRF were suitable for the purposes of this small budget test survey, it would be recommendable to conduct a multi-element ICP-MS (plus PGE) analysis of all soil samples, including those of this dataset.

Respectfully submitted,

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Jodi Cross, B.Sc. Geology
COAST MOUNTAIN GEOLOGICAL LTD.

February 14, 2013

SUMMARY OF EXPENDITURES

Period	**Oct 11-30, 2012**	**PROJECT:**	**Lekcin Property – Harrison Lake Area, BC**		
Expenses					
Field supplies				$100.34	
Meals and Accommodation				$1,162.08	
CMG Trucks		5 days @	$150.00/day	$750.00	
Fuel				$264.53	
				Expenses	**$2,276.95**
Professional Wages	**Oct 11-30, 2012**				
G. Sotiropoulos, Geotech: Sampling		5 days @	$450.00/day	$2,250.00	
K. Graber, Sr. Geotech: Sampling		5 days @	$450.00/day	$2,250.00	
				Professional Wages	**$4,500.00**
				TOTAL Expenditures	**$6,776.95**

STATEMENT OF QUALIFICATIONS

I, Jodi Cross, B.Sc., do hereby certify that:

1. I graduated with a B.Sc. (honours) in Geological Sciences from the University of British Columbia, Vancouver, B.C. in 2009. I also hold a Postgraduate Certificate in Geothermal Energy Technology from the University of Auckland, New Zealand (2010).
2. I have worked as a Student/Junior Exploration Geologist for 2.5 years and as a Geological Lab Assistant for 9 months.
3. I am an employee of Coast Mountain Geological Ltd., and compiled the report titled "2012 Soil Geochemistry Assessment Report on the Lekcin Property" dated February 14, 2013.
4. The information contained within this report is based on information compiled from past reports, the sources of which are quoted in the report.
5. I personally believe, to the best of my knowledge, this report accurately depicts the information available to date.
6. I hold no interest, directly or indirectly in the Lekcin Property or any surrounding properties, and have no agreements, arrangements or understandings with the property owner.

Dated this 14th day of February, 2013

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Jodi Cross

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APPENDIX I

2012 Big Nic Soil Sample Notes

Big Nic 2012 Soil Sample Notes
Lekcin Property

Sample #	Date	Project	Sampler	Grid	Line	Station	Elev (m)	UTM E	UTM N	Type	Moisture	Colour	Sample	Depth (cm)	Horizon	Organics (%)	Rocks (%)	Slope (°)	Direction (AZ)	Comments
1-3700	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3700	1130	603677	5478000	Soil	Moist	Brown	Clay	30	B	10	5	-32	130	Way point #1
1-3675	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3675	1144	603653	5477993	Soil	Dry	Brown/Grey	Silt/Sand	35	B	15	3	-28	172	
1-3650	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3650	1142	603630	5478003	Soil	Moist	Brown/Grey	Sandy	44	B	10	3	-5	218	
1-3625	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3625	1137	603602	5478005	Soil	Moist	Brown/ Orange	Sandy	25	B	5	6	-22	162	
1-3600	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3600	1144	603583	5477997	Soil	Moist	Brown	Sandy	30	B	5	8	-23	218	
1-3575	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3575	1123	603556	5477988	Soil	Dry	Brown/Grey	Silt/Sand	35	B	8	4	-15	144	
1-3550	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3550	1127	603536	5477993	Soil	Dry	Orange	Sandy	43	B	5	8	-25	150	Start of Anomaly 1, flagged
1-3525	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3525	1120	603511	5477990	Soil	Moist	Brown/Grey	Sandy	30	B	8	7	-18	172	Anom 1
1-3500	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3500	1110	603491	5477991	Soil	Moist	Brown	Sandy	35	B	5	10	-22	236	Anom 1
1-3475	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3475	1107	603467	5477986	Soil	Moist	Black/Grey	Clay	50	B	5	10	-16	164	Anom 1
1-3450	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3450	1121	603447	5477995	Soil	Moist	Brown	Sandy	30	B	8	6	-22	175	Anom 1
1-3425	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3425	1105	603426	5478000	Soil	Moist	Brown	Sandy	40	B	10	10	-20	138	Off Original Grid, Extend-going West
1-3400	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3400	1123	603392	5477993	Soil	Dry	Tan/Grey	Silt/Sand	40	B	8	5	-25	175	Below Cliff Face
1-3375	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3375	1114	603373	5477999	Soil	Dry	Black/Brown/ Grey	Silt/Sand	43	A	80	10	-40	190	Very organic, No B Horizon
1-3350	12-Oct-12	Harrison	GS/KG	Big Nic	1N	3350	1092	603337	5478002	Soil	Moist	Orange	Sandy	25	B	4	10	-16	190	End of Line 1
2-3700	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3700	1081	603688	5477905	Soil	Moist	Brown	Sandy	35	B	30	20	-22	160	
2-3675	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3675	1088	603665	5477904	Soil	Moist	Brown/Grey	Clay/Silt	35	B	20	20	-21	227	
2-3650	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3650	1089	603637	5477901	Soil	Moist	Brown	Clay/Silt	40	B	20	20	-18	184	
2-3625	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3625	1089	603612	5477901	Soil	Moist	Brown/Tan	Sandy	35	B	15	10	-17	202	
2-3600	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3600	1089	603587	5477903	Soil	Moist	Tan/Orange	Silt/Sand	30	B	10	25	-17	194	
2-3575	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3575	1088	603564	5477897	Soil	Moist	Brown	Sandy	35	B	20	27	-20	187	
2-3550	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3550	1086	603541	5477906	Soil	Moist	Brown	Silt/Sand	40	B	25	17	-18	220	
2-3525	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3525	1067	603517	5477896	Soil	Moist	Brown/Grey	Sandy	27	B	28	10	-26	206	
2-3500	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3500	1062	603490	5477896	Soil	Moist	Tan	Sandy	24	B	15	10	-50	93	Sample taken on steep hillside (creek/fault?).
2-3475	13-Oct-12	Harrison	GS/KG	Big Nic	2N	3475	1079	603473	5477892	Soil	Moist	Brown	Sandy	38	B	20	10	-18	340	
2-3450	12-Oct-12	Harrison	GS/KG	Big Nic	2N	3450	1087	603447	5477896	Soil	Moist	Brown/Grey	Sandy	40	B	50	10	-6	142	
2-3425	12-Oct-12	Harrison	GS/KG	Big Nic	2N	3425	1084	603427	5477904	Soil	Moist	Brown	Sandy	40	B	10	8	-18	228	
2-3400	12-Oct-12	Harrison	GS/KG	Big Nic	2N	3400	1081	603404	5477901	Soil	Moist	Black/Brown/ Grey	Clay/Silt	35	B	30	5	-3	160	
2-3375	12-Oct-12	Harrison	GS/KG	Big Nic	2N	3375	1075	603373	5477900	Soil	Moist	Black/Grey/ Dark	Clay/Silt	50	A	5	7	-5	112	
2-3350	12-Oct-12	Harrison	GS/KG	Big Nic	2N	3350	1075	603348	5477896	Soil	Dry	Brown	Sandy	25	B	5	10	-5	112	Start of Line 2
4-4150	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4150	1008	604153	5477704	Soil	Moist	Brown/tan/ grey	Silt/Sand	35	B	10	10	-13	204	
4-4125	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4125	990	604128	5477700	Soil	Moist	brown/grey	Silt/Sand	40	B	10	12	-18	200	
4-4100	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4100	983	604105	5477700	Soil	Moist	brown	silt/sand	12	B	15	8	-37	173	Next to road
4-4075	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4075	991	604076	5477701	Soil	Moist	brown/tan	Silt/Sand	20	B	8	15	-20	174	Above road
4-4050	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4050	994	604048	5477702	Soil	Moist	brown	Silt/Sand	60	B	8	15	-18	170	
4-4025	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4025	999	604027	5477701	Soil	Moist	brown/red	Silt/Sand	35	B	12	5	-48	110	
4-4000	14-Oct-12	Harrison	GS/KG	Big Nic	4N	4000	1014	604008	5477699	Soil	Moist	brown/ orange/ red	Silt/Sand	30	B	8	8	-8	171	Above intrusive outcrop
4-3975	14-Oct-12	Harrison	GS/KG	Big Nic	4N	3975	1010	603977	5477705	Soil	Moist	Brown/Grey	Silt/Sand	45	B	25	5	-18	260	
4-3950	14-Oct-12	Harrison	GS/KG	Big Nic	4N	3950	1015	603957	5477704	Soil	Moist	Brown	Silt/Sand	35	B	15	10	-28	352	Next to intrusive outcrop
6-4200	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4200	960	604202	5477506	Soil	Moist	Grey	Sandy	45	B	30	8	-10	108	
6-4175	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4175	954	604181	5477498	Soil	Moist	Brown	Silt/Sand	50	B	10	15	-8	105	
6-4150	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4150	949	604154	5477497	Soil	Moist	Brown	Sandy	10	B	8	40	-52	108	On talus slope, rocks/subcrop might be put in place during road construction
6-4125	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4125	943	604130	5477499	Soil	Moist	Brown	Silt/Sand	35	B	15	15	-10	276	Anom 5 begins here
6-4100	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4100	939	604100	5477503	Soil	Moist	Brown/Grey	Silt/Sand	30	B	5	5	-8	296	Soil looks gossanous
6-4075	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4075	947	604074	5477502	Soil	Moist	Brown/ Orange	Silt/Sand	30	B	5	15	-10	152	Soil looks gossanous
6-4050	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4050	949	604049	5477504	Soil	Moist	Black	Silt/Sand	45	B	20	5	-7	130	End of anom 5
6-4025	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4025	950	604025	5477502	Soil	Moist	Brown/ Orange	Sandy	35	B	15	10	-8	260	
6-4000	13-Oct-12	Harrison	GS/KG	Big Nic	6N	4000	943	603995	5477503	Soil	Moist	Brown	Sandy	40	B	10	10	-18	192	
6-3975	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3975	939	603976	5477504	Soil	Moist	Brown/Grey	Silt/Sand	45	B	28	5	-19	178	
6-3950	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3950	945	603961	5477500	Soil	Moist	Brown/Grey	silt/sand	70	B	30	5	-19	182	

Sample #	Date	Project	Sampler	Grid	Line	Station	Elev (m)	UTM E	UTM N	Type	Moisture	Colour	Sample	Depth (cm)	Horizon	Organics (%)	Rocks (%)	Slope (°)	Direction (AZ)	Comments
6-3925	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3925	947	603939	5477507	Soil	Moist	Brown/Grey	Silt/Sand	10	B	15	15	-18	171	
6-3900	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3900	942	603909	5477502	Soil	Moist	Tan/Grey	Silt/Sand	20	B	15	15	-15	208	
6-3875	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3875	940	603880	5477502	Soil	Moist	Grey	Clay/Silt	40	B	10	8	-21	350	
6-3850	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3850	935	603860	5477504	Soil	Moist	Brown/Grey	Silt/Sand	5	B	10	5	-18	356	
6-3825	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3825	940	603832	5477504	Soil	Moist	Brown	Silt/Sand	40	B	10	10	-27	6	
6-3800	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3800	946	603813	5477502	Soil	Moist	Black/brown	Silt/Sand	5	B	20	5	-22	10	Large intrusive outcrop near sample
6-3775	14-Oct-12	Harrison	GS/KG	Big Nic	6N	3775	944	603792	5477499	Soil	Moist	Brown/Grey	Silt/Sand	40	B	15	7	-28	10	Cliffed out
7-4200	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4200	932	604196	5477412	Soil	Moist	Brown/Grey	Silt/Sand	40	B	30	5	-10	112	
7-4175	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4175	930	604171	5477410	Soil	Moist	Brown/Grey	Silt/Sand	35	B	25	5	-5	229	
7-4150	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4150	935	604148	5477413	Soil	Moist	Tan	Sandy	10	B	5	10	-3	220	Next to road
7-4125	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4125	927	604128	5477408	Soil	Moist	Brown/Grey	Silt/Sand	40	B	22	5	-18	264	
7-4100	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4100	923	604106	5477403	Soil	Moist	Brown/Grey	Silt/Sand	45	B	15	7	-16	268	
7-4075	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4075	923	604085	5477400	Soil	Moist	Brown/Grey	Silt/Sand	30	B	20	15	-18	166	Rock sample taken, float.
7-4050	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4050	923	604063	5477400	Soil	Moist	Brown/Grey	Silt/Sand	35	B	20	5	-12	220	Start of anom 5. soil a bit gossany
7-4025	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4025	922	604038	5477402	Soil	Moist	Brown	Clay/Silt	45	B	13	6	-6	222	
7-4000	13-Oct-12	Harrison	GS/KG	Big Nic	7N	4000	925	604013	5477392	Soil	Moist	Brown/Grey	Silt/Sand	37	B	13	8	-17	180	
7-3975	14-Oct-12	Harrison	GS/KG	Big Nic	7N	3975	933	603986	5477395	Soil	Moist	Brown/Grey	Silt/Sand	47	B	25	5	-8	264	
7-3950	14-Oct-12	Harrison	GS/KG	Big Nic	7N	3950	929	603961	5477394	Soil	Moist	Brown/Grey	Silt/Sand	35	B	10	5	-6	298	
7-3925	14-Oct-12	Harrison	GS/KG	Big Nic	7N	3925	931	603935	5477395	Soil	Moist	Orange/Red	Silt/Sand	40	B	10	12	-12	290	
7-3900	14-Oct-12	Harrison	GS/KG	Big Nic	7N	3900	924	603909	5477396	Soil	Moist	Brown/ Orange	Silt/Sand	20	B	10	20	-26	296	
7-3875	14-Oct-12	Harrison	GS/KG	Big Nic	7N	3875	935	603890	5477391	Soil	Moist	Brown/Tan/ Red	Silt/Sand	45	B	15	10	-50	140	
7-3850	14-Oct-12	Harrison	GS/KG	Big Nic	7N	3850	921	603868	5477397	Soil	Moist	Brown/Grey	Silt/Sand	44	B	35	5	-32	184	Cliffed out, lots of organics

APPENDIX II

Niton XRF Analytical Results

Lekcin Property
Big Nik Soil XRF Results

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis															
						Cu (ppm)	Cu Error	Ni (ppm)	Ni Error	Pb (ppm)	Pb Error	Zn (ppm)	Zn Error	Cd (ppm)	Cd Error	Pd (ppm)	Pd Error	Ag (ppm)	Ag Error	Mo (ppm)	Mo Error
1-3700	1N	3700	603677	5478000	JC	< LOD	15.8	42.7	22.6	< LOD	4.77	54.97	7.73	21.63	8.05	< LOD	10.81	11.29	5.24	< LOD	3.61
1-3675	1N	3675	603653	5477993	JC	< LOD	13.86	< LOD	28.79	6.1	3.57	46.35	6.75	11.09	6.14	8.61	5.58	< LOD	5.86	< LOD	3.13
1-3650	1N	3650	603630	5478003	JC	< LOD	14.54	< LOD	29.52	< LOD	5.31	42.21	6.62	18.47	6.3	< LOD	7.98	6.82	4.02	< LOD	3.33
1-3625	1N	3625	603602	5478005	JC	< LOD	14.24	< LOD	29.8	8.09	3.65	32.41	6.09	19.94	6.33	< LOD	8.36	7.03	4.03	< LOD	3.01
1-3600	1N	3600	603583	5477997	JC	< LOD	15.9	< LOD	31.99	< LOD	5.07	50.01	7.36	17.9	6.71	< LOD	8.91	7.5	4.31	< LOD	3.43
1-3575	1N	3575	603556	5477988	JC	18.3	10.83	40.05	22.11	< LOD	5.48	58.06	7.72	12	7.1	< LOD	9.26	< LOD	6.77	< LOD	3.38
1-3550	1N	3550	603536	5477993	JC	35.53	11.51	< LOD	32.23	< LOD	5.2	50.53	7.38	17.45	6.84	< LOD	8.76	< LOD	6.52	< LOD	3.33
1-3525	1N	3525	603511	5477990	JC	< LOD	13.4	< LOD	27.14	8.12	3.57	34.11	5.97	29.19	6.88	< LOD	8.86	8.26	4.31	< LOD	2.97
1-3500	1N	3500	603491	5477991	JC	< LOD	14.02	< LOD	29.42	7.37	3.69	28.79	6.07	15.15	6.26	< LOD	8.42	9.34	4.09	< LOD	3.17
1-3475	1N	3475	603467	5477986	JC	47.4	10.55	< LOD	28.19	7.33	3.56	50.79	6.71	13.76	6.49	< LOD	8.33	< LOD	6.14	< LOD	3.29
1-3450	1N	3450	603447	5477995	JC	< LOD	14.88	< LOD	30.57	14.45	4.08	23.72	5.85	13.22	6.18	< LOD	8.08	< LOD	5.89	< LOD	3.13
1-3425	1N	3425	603426	5478000	JC	< LOD	16.66	51.23	23.17	< LOD	5.24	43.67	7.27	20.88	6.7	< LOD	8.78	< LOD	6.33	< LOD	3.48
1-3400	1N	3400	603392	5477993	JC	< LOD	16.6	62.28	23.31	< LOD	4.63	56.98	7.86	18.31	6.8	< LOD	9.02	7.63	4.36	< LOD	3.31
1-3375	1N	3375	603373	5477999	JC	< LOD	9.92	< LOD	18.28	64.41	4.93	19.32	4.26	< LOD	5.1	< LOD	4.53	< LOD	3.17	3	1.71
1-3350	1N	3350	603337	5478002	JC	27.13	11.5	56.14	22.93	< LOD	5.23	63.17	8.08	< LOD	10	< LOD	8.93	< LOD	6.58	< LOD	3.53
2-3700	2N	3700	603688	5477905	JC	< LOD	15.87	50.81	22.22	< LOD	5.38	58.82	7.73	28.15	7.56	< LOD	9.64	11.13	4.83	< LOD	3.35
2-3675	2N	3675	603665	5477904	JC	24.31	11.38	59.91	23.05	< LOD	5.35	61.11	7.99	23.36	6.73	< LOD	8.72	9.43	4.31	< LOD	3.41
2-3650	2N	3650	603637	5477901	JC	< LOD	14.37	< LOD	29.94	8.66	3.76	51.09	7	17.9	6.7	< LOD	8.62	< LOD	6.22	< LOD	3.11
2-3625	2N	3625	603612	5477901	JC	< LOD	14.47	< LOD	30.19	< LOD	5.18	43.92	6.75	15.85	6.38	< LOD	8.29	8.04	4.14	< LOD	3.16
2-3600	2N	3600	603587	5477903	JC	< LOD	16.64	45.58	23.51	< LOD	5.06	50.17	7.68	27.1	7.44	12.68	6.63	8.66	4.7	< LOD	3.37
2-3575	2N	3575	603564	5477897	JC	< LOD	15.56	< LOD	32.41	< LOD	5.21	40.05	6.91	15.95	7.03	< LOD	9.32	8.88	4.58	< LOD	3.49
2-3550	2N	3550	603541	5477906	JC	< LOD	14.66	< LOD	31.09	< LOD	4.77	44.16	6.95	11.89	6.68	< LOD	8.79	< LOD	6.28	< LOD	3.22
2-3525	2N	3525	603517	5477896	JC	< LOD	11.82	< LOD	24.43	18.37	3.87	31.15	5.51	< LOD	7.24	< LOD	6.26	< LOD	4.6	< LOD	2.82
2-3500	2N	3500	603490	5477896	JC	< LOD	15.14	33.48	20.68	< LOD	4.47	39.85	6.71	< LOD	9.05	< LOD	8.01	< LOD	5.86	< LOD	3.34
2-3475	2N	3475	603473	5477892	JC	< LOD	16.85	57.32	23.23	< LOD	5.13	53.47	7.75	16.96	7.19	< LOD	9.52	< LOD	6.69	< LOD	3.49
2-3450	2N	3450	603447	5477896	JC	< LOD	13.3	< LOD	27.36	10.82	3.69	39.2	6.23	< LOD	9.1	< LOD	7.89	< LOD	5.8	< LOD	3.1
2-3425	2N	3425	603427	5477904	JC	< LOD	14.15	< LOD	28.11	< LOD	5.02	30.81	6.01	11.98	6.23	< LOD	8.33	< LOD	5.82	< LOD	3.21
2-3400	2N	3400	603404	5477901	JC	< LOD	15.86	< LOD	31.7	< LOD	5.23	57.79	7.79	20.08	7.14	< LOD	9.43	8.09	4.57	< LOD	3.55
2-3375	2N	3375	603373	5477900	JC	< LOD	14.21	< LOD	29.5	< LOD	5.06	38.37	6.52	23.22	6.37	< LOD	8.26	< LOD	5.95	< LOD	3.17
2-3350	2N	3350	603348	5477896	JC	< LOD	16.63	52.88	23.04	< LOD	5.18	52.98	7.77	19.23	6.72	< LOD	8.86	< LOD	6.38	< LOD	3.53
4-4150	4N	4150	604153	5477704	JC	< LOD	16.49	50.26	22.56	< LOD	5.15	59.36	7.91	25.13	16.18	< LOD	19.71	< LOD	15.39	< LOD	3.52
4-4125	4N	4125	604128	5477700	JC	< LOD	15.32	41.06	21.33	< LOD	5.03	55.08	7.37	26.23	6.9	10.83	6.1	6.85	4.32	< LOD	3.29
4-4100	4N	4100	604105	5477700	JC	57.77	12.82	75.65	23.96	< LOD	5.1	78.96	8.86	19.85	7.01	< LOD	9.31	6.8	4.46	< LOD	3.5
4-4075	4N	4075	604076	5477701	JC	65.33	13.7	124.74	26.07	< LOD	5.79	78.33	9.14	12.46	7.01	< LOD	9.4	< LOD	6.54	< LOD	3.7
4-4050	4N	4050	604048	5477702	JC	21.31	10.99	65.04	22.7	< LOD	5.33	62.72	7.92	13.67	6.53	< LOD	8.5	< LOD	6.18	< LOD	3.34
4-4025	4N	4025	604027	5477701	JC	< LOD	14.91	< LOD	31.92	< LOD	4.75	50.45	7.25	24.85	7.12	10.15	6.3	11.95	4.61	< LOD	3.35
4-4000	4N	4000	604008	5477699	JC	< LOD	15.65	< LOD	32.24	< LOD	5.08	37.63	6.83	20.93	7.06	< LOD	9.04	< LOD	6.66	< LOD	3.28
4-3975	4N	3975	603977	5477705	JC	< LOD	14.58	< LOD	30.01	16.39	4.16	46.89	6.81	17.2	6.39	< LOD	8.3	< LOD	5.98	< LOD	3.17
4-3950	4N	3950	603957	5477704	JC	22.63	11.6	65.89	23.83	< LOD	5.11	52.95	7.8	13.89	7.01	< LOD	9.49	< LOD	6.71	< LOD	3.55
6-4200	6N	4200	604202	5477506	JC	< LOD	16.59	60.95	23.18	< LOD	4.89	53.61	7.79	15.6	7.46	< LOD	9.91	8.53	4.86	< LOD	3.74
6-4175	6N	4175	604181	5477498	JC	15.51	10.04	< LOD	30.09	< LOD	5.29	39.64	6.58	18.06	6.52	< LOD	8.37	< LOD	6.07	< LOD	3.17
6-4150	6N	4150	604154	5477497	JC	72.82	13.97	132.05	26.07	< LOD	5.74	76.29	9.1	12.1	7.19	< LOD	9.56	< LOD	6.98	< LOD	3.7
6-4125	6N	4125	604130	5477499	JC	< LOD	14.31	< LOD	28.87	6.07	3.58	38.08	6.48	< LOD	8.91	< LOD	7.7	< LOD	5.65	< LOD	3.21
6-4100	6N	4100	604100	5477503	JC	< LOD	15.59	49.44	22.17	< LOD	5.23	39.63	6.95	16.38	6.85	< LOD	9.21	< LOD	6.41	< LOD	3.48
6-4075	6N	4075	604074	5477502	JC	16.36	9.98	< LOD	30.15	< LOD	4.92	42.94	6.69	10.72	5.94	< LOD	7.62	< LOD	5.69	< LOD	3.23
6-4050	6N	4050	604049	5477504	JC	< LOD	11.05	< LOD	21.37	31.48	4.17	7.17	4.04	< LOD	6.63	< LOD	5.65	< LOD	4.06	< LOD	2.77
6-4025	6N	4025	604025	5477502	JC	< LOD	16.47	57.5	23.2	< LOD	5.6	51.48	7.63	18.48	6.69	< LOD	8.83	< LOD	6.35	< LOD	3.59
6-4000	6N	4000	603995	5477503	JC	< LOD	14.36	< LOD	28.86	< LOD	4.79	43.66	6.67	20.74	6.61	10.61	5.92	7.17	4.2	< LOD	3.2
6-3975	6N	3975	603976	5477504	JC	< LOD	13.97	< LOD	29.06	< LOD	4.74	48.6	6.9	10.85	5.95	< LOD	7.76	< LOD	5.52	< LOD	3.22
6-3950	6N	3950	603961	5477500	JC	< LOD	14.66	< LOD	30.21	< LOD	5.3	98.08	8.7	16.32	6.35	< LOD	8.39	8.88	4.13	< LOD	3.16

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis														
						Fe (ppm)	Fe Error	Zr (ppm)	Zr Error	Sr (ppm)	Sr Error	Rb (ppm)	Rb Error	As (ppm)	As Error	Se (ppm)	Se Error	Au (ppm)	Au Error	W (ppm)
1-3700	1N	3700	603677	5478000	JC	31266.96	248	135.82	4.01	244.1	4.97	9.34	1.77	< LOD	4.07	< LOD	3.43	< LOD	6.53	< LOD
1-3675	1N	3675	603653	5477993	JC	27385.14	217.26	72.68	3.09	253.65	4.74	9.82	1.58	< LOD	4.19	< LOD	2.99	< LOD	5.49	< LOD
1-3650	1N	3650	603630	5478003	JC	19871.32	186.07	134.54	3.72	223.98	4.48	15.54	1.86	< LOD	4.25	< LOD	3	< LOD	5.85	< LOD
1-3625	1N	3625	603602	5478005	JC	38993.74	258.39	38.29	2.53	185.57	4.08	6.16	1.46	< LOD	4.22	< LOD	2.94	< LOD	5.53	< LOD
1-3600	1N	3600	603583	5477997	JC	40649	278.27	101.74	3.61	260.33	5.06	9.82	1.75	< LOD	4.4	< LOD	3.35	< LOD	6.42	< LOD
1-3575	1N	3575	603556	5477988	JC	36794.46	265.28	68.29	3.32	313.43	5.54	12.89	1.87	4.85	3.14	< LOD	3.34	< LOD	6.36	< LOD
1-3550	1N	3550	603536	5477993	JC	48667.74	306.1	54.42	3.08	269.12	5.17	7.99	1.67	5.5	3.05	< LOD	3.3	< LOD	6.01	< LOD
1-3525	1N	3525	603511	5477990	JC	24467.2	198.93	39.92	2.63	267.71	4.71	6.19	1.42	< LOD	4.15	< LOD	2.89	< LOD	5.4	< LOD
1-3500	1N	3500	603491	5477991	JC	40572	268.06	55.97	2.88	216.12	4.46	6.44	1.5	< LOD	4.42	< LOD	3	< LOD	5.39	< LOD
1-3475	1N	3475	603467	5477986	JC	23484.95	196.39	117.55	3.51	269.18	4.76	20.2	1.93	< LOD	4.37	< LOD	2.75	< LOD	5.38	< LOD
1-3450	1N	3450	603447	5477995	JC	49042.34	294.61	34.56	2.62	234.32	4.64	6.63	1.54	< LOD	4.68	< LOD	3.08	< LOD	5.76	< LOD
1-3425	1N	3425	603426	5478000	JC	53590.33	327.27	70.55	3.36	275.14	5.33	10.99	1.86	< LOD	4.43	< LOD	3.48	< LOD	6.64	< LOD
1-3400	1N	3400	603392	5477993	JC	37326.27	273.9	22.97	3.08	455.56	6.81	2.95	1.58	< LOD	3.81	< LOD	3.52	< LOD	6.36	< LOD
1-3375	1N	3375	603373	5477999	JC	8566.19	99.82	8.95	1.45	77.8	2.21	4.21	1.03	< LOD	5.89	< LOD	2.03	< LOD	3.73	< LOD
1-3350	1N	3350	603337	5478002	JC	36243.39	269.87	70.2	3.52	364.31	6.11	12.72	1.95	8.43	3.2	< LOD	3.41	< LOD	6.44	< LOD
2-3700	2N	3700	603688	5477905	JC	38872.13	273.71	91.43	3.54	276.22	5.23	9.38	1.74	< LOD	4.47	< LOD	3.24	< LOD	6.09	< LOD
2-3675	2N	3675	603665	5477904	JC	32488.35	253.42	60.25	3.33	340.32	5.86	10.47	1.82	< LOD	4.28	< LOD	3.49	< LOD	6.56	< LOD
2-3650	2N	3650	603637	5477901	JC	29791.78	230.01	43.94	2.82	272.89	4.98	5.46	1.47	< LOD	4.22	< LOD	2.93	< LOD	5.62	< LOD
2-3625	2N	3625	603612	5477901	JC	29988.68	230.06	75.26	3.13	234.2	4.62	6.66	1.51	< LOD	4.01	< LOD	2.92	< LOD	5.36	< LOD
2-3600	2N	3600	603587	5477903	JC	56336.13	337.97	62.9	3.29	275.77	5.37	6.64	1.68	< LOD	4.34	< LOD	3.32	< LOD	6.4	< LOD
2-3575	2N	3575	603564	5477897	JC	23235.38	210.98	101.89	4.11	597.82	7.58	< LOD	2.28	< LOD	4.3	< LOD	3.17	< LOD	6.11	< LOD
2-3550	2N	3550	603541	5477906	JC	34391.86	250.42	63.72	3.12	274.74	5.07	4.75	1.5	< LOD	4.05	< LOD	3.12	< LOD	5.95	< LOD
2-3525	2N	3525	603517	5477896	JC	18072.6	163.1	7.7	2.11	284.11	4.61	2.24	1.2	< LOD	4.41	< LOD	2.5	< LOD	4.89	< LOD
2-3500	2N	3500	603490	5477896	JC	25814.4	216.53	75.58	3.45	400.37	6.07	5.31	1.58	5.06	2.66	< LOD	3.27	< LOD	6.18	< LOD
2-3475	2N	3475	603473	5477892	JC	40369.72	285.76	74.61	3.57	358.72	6.09	8.72	1.8	< LOD	4.33	< LOD	3.43	< LOD	6.78	< LOD
2-3450	2N	3450	603447	5477896	JC	25784.75	204.36	90.05	3.07	180.16	3.9	10.61	1.58	< LOD	4.21	< LOD	2.64	< LOD	4.99	< LOD
2-3425	2N	3425	603427	5477904	JC	32722.78	235.37	115.48	3.43	187.72	4.07	13.41	1.73	< LOD	4.01	< LOD	2.99	< LOD	5.56	< LOD
2-3400	2N	3400	603404	5477901	JC	26975.05	231.13	99.21	3.67	276.69	5.3	6.92	1.65	< LOD	4.2	< LOD	3.17	< LOD	6.08	< LOD
2-3375	2N	3375	603373	5477900	JC	21634.57	194.5	73.17	3.26	336.25	5.46	13.19	1.81	< LOD	4.04	< LOD	3.02	< LOD	5.74	< LOD
2-3350	2N	3350	603348	5477896	JC	32855.99	257.42	101.9	3.98	427.08	6.61	6.81	1.74	< LOD	4.36	< LOD	3.69	< LOD	6.89	< LOD
4-4150	4N	4150	604153	5477704	JC	33791.2	258.18	73.8	3.61	418.81	6.47	12.3	1.88	< LOD	4.41	< LOD	3.48	< LOD	6.43	< LOD
4-4125	4N	4125	604128	5477700	JC	25235.08	216.55	50.16	3.24	425.21	6.32	7.18	1.67	< LOD	4.04	< LOD	3.27	< LOD	6.01	< LOD
4-4100	4N	4100	604105	5477700	JC	40371.18	288.36	57.53	3.51	422.69	6.65	9.73	1.86	6.98	3.09	< LOD	3.57	< LOD	7.03	< LOD
4-4075	4N	4075	604076	5477701	JC	42077.38	302.88	82.47	3.95	444.96	7.02	14.86	2.15	7.58	3.43	< LOD	3.91	< LOD	7.07	< LOD
4-4050	4N	4050	604048	5477702	JC	39552.44	275.99	50.39	3.14	330.88	5.71	12.86	1.89	< LOD	4.48	< LOD	3.34	< LOD	6.38	< LOD
4-4025	4N	4025	604027	5477701	JC	36689.46	260.41	112.04	3.75	314.74	5.46	5.51	1.52	< LOD	3.9	< LOD	3.19	< LOD	5.86	< LOD
4-4000	4N	4000	604008	5477699	JC	51118.52	312.39	53.59	3.05	264.77	5.11	3.95	1.49	< LOD	4.15	< LOD	3.22	< LOD	6.29	< LOD
4-3975	4N	3975	603977	5477705	JC	36685.38	252.46	48.83	2.87	281.42	5.01	8	1.57	< LOD	5.1	< LOD	3.06	< LOD	5.73	< LOD
4-3950	4N	3950	603957	5477704	JC	39004.26	282.86	87.89	3.86	423.88	6.65	7.88	1.76	< LOD	4.11	< LOD	3.53	< LOD	6.53	< LOD
6-4200	6N	4200	604202	5477506	JC	31211.51	251.06	198.73	4.65	229.41	4.89	10.56	1.81	< LOD	4.08	< LOD	3.48	< LOD	6.7	< LOD
6-4175	6N	4175	604181	5477498	JC	28547.89	223.79	50.38	3	333.13	5.46	13.59	1.83	< LOD	4.43	< LOD	3.2	< LOD	5.88	< LOD
6-4150	6N	4150	604154	5477497	JC	42540.33	304.32	79.48	3.91	445.4	7.02	13.95	2.12	< LOD	4.88	< LOD	3.77	< LOD	6.98	< LOD
6-4125	6N	4125	604130	5477499	JC	31310.3	233	73.45	3.14	269.71	4.9	15.64	1.84	< LOD	4.48	< LOD	3.01	< LOD	5.79	< LOD
6-4100	6N	4100	604100	5477503	JC	42774.59	289.85	80.16	3.58	357.87	5.99	12.73	1.92	6.8	3.12	< LOD	3.3	< LOD	6.24	< LOD
6-4075	6N	4075	604074	5477502	JC	35860.93	251.11	71.9	3.07	223.29	4.51	13.01	1.74	5.61	2.88	< LOD	3.1	< LOD	5.72	< LOD
6-4050	6N	4050	604049	5477504	JC	26119.22	184.43	28.8	1.79	42.31	1.83	8.89	1.26	< LOD	4.94	< LOD	2.38	< LOD	4.39	< LOD
6-4025	6N	4025	604025	5477502	JC	46421.88	303.42	147.76	4.1	212.63	4.69	10.98	1.81	5.72	3.25	< LOD	3.42	< LOD	6.51	< LOD
6-4000	6N	4000	603995	5477503	JC	21306.55	191.44	100.45	3.45	292.77	5.06	11.57	1.69	< LOD	3.97	< LOD	3.12	< LOD	5.85	< LOD
6-3975	6N	3975	603976	5477504	JC	27570.14	218.3	107.86	3.45	231.84	4.55	9.62	1.6	< LOD	4	< LOD	3.03	< LOD	5.67	< LOD
6-3950	6N	3950	603961	5477500	JC	41631.68	272.25	72.63	3.09	213.87	4.45	11.67	1.69	< LOD	4.43	< LOD	3.09	< LOD	5.56	< LOD

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis													
						W Error	Co (ppm)	Co Error	Mn (ppm)	Mn Error	Cr (ppm)	Cr Error	V (ppm)	V Error	Ti (ppm)	Ti Error	Ca (ppm)	Ca Error	K (ppm)	K Error
1-3700	1N	3700	603677	5478000	JC	36.04	< LOD	154.67	558.4	59.65	100.2	13.38	173.69	27.57	8556	121.24	18892.36	231.46	7112.76	203.05
1-3675	1N	3675	603653	5477993	JC	30.47	< LOD	134.68	398.07	50.59	58.41	13.38	126.98	23.68	5357.05	100.8	21146.72	250.29	8426.39	224.35
1-3650	1N	3650	603630	5478003	JC	30.9	< LOD	116.34	261.46	45.99	28	11.62	109	22.83	6468.33	100.29	13070	185.42	8488.36	204.07
1-3625	1N	3625	603602	5478005	JC	28.72	< LOD	158.88	308.87	49.62	97.82	17.04	145.82	25.66	3928.67	102.44	14503.65	240.56	2572.1	162.56
1-3600	1N	3600	603583	5477997	JC	33.62	< LOD	169.15	523.28	58.21	38.28	14.19	164.72	27.79	6968.68	119.52	18798.96	250.6	4902.3	190.86
1-3575	1N	3575	603556	5477988	JC	34.73	< LOD	163.35	633.18	61.2	79.9	14.6	161.38	25.58	5538.74	107.03	22065.05	265.93	5941.01	203.73
1-3550	1N	3550	603536	5477993	JC	32.17	< LOD	185.82	333.98	55.28	108.84	16.19	140	23.56	3470.61	92.84	11949.75	211.17	1859.38	138.37
1-3525	1N	3525	603511	5477990	JC	28.05	< LOD	121.75	314.35	46.02	34.95	12.06	117.4	19.61	3523.67	80.18	22376.34	246.76	3816.72	158.44
1-3500	1N	3500	603491	5477991	JC	29.66	< LOD	163.39	277.74	49.7	33.17	14.31	86.35	21.16	2981.31	85.21	13323.67	218.01	3008.01	159.68
1-3475	1N	3475	603467	5477986	JC	28.26	< LOD	121.78	240.74	44.26	44.54	13.05	140.16	24.69	6240.08	105.76	16500.86	217.93	8759.89	220.52
1-3450	1N	3450	603447	5477995	JC	29.77	< LOD	178.84	254.53	50.26	33.24	16.83	125	26.01	3749.61	104.13	17795.21	276.08	4235.72	204.58
1-3425	1N	3425	603426	5478000	JC	34.12	< LOD	199.09	449.23	59.86	70.46	17.33	149.21	28.47	5214.58	117.9	17636.68	272.49	4246.99	202.93
1-3400	1N	3400	603392	5477993	JC	35.67	< LOD	168.73	693.53	64.53	95.81	14.2	112.47	23.14	4842.28	98.57	34034.8	318.94	3528.02	169.97
1-3375	1N	3375	603373	5477999	JC	19.89	< LOD	63.04	< LOD	37.65	< LOD	20.24	40.24	16.41	1826.69	63.74	10687.77	181.65	2576.99	140.49
1-3350	1N	3350	603337	5478002	JC	35.13	< LOD	164.76	551.14	60.92	26.55	13.32	112.75	21.98	3977.42	90.67	18249.38	238.53	4834.99	182.57
2-3700	2N	3700	603688	5477905	JC	34.02	< LOD	167.9	535.27	58.98	88.84	16.21	193.15	29.69	6790.72	125.02	21948.7	282.84	6663.74	227.75
2-3675	2N	3675	603665	5477904	JC	35.97	< LOD	157.4	597.11	61.15	99.78	14.06	142.64	23.62	5125.34	99.37	26741.51	279.73	4860.66	183.14
2-3650	2N	3650	603637	5477901	JC	30.34	< LOD	142.06	440.97	52.91	83.06	13.94	159.79	23.99	5179.91	100	26247.66	277.09	4252.51	174.29
2-3625	2N	3625	603612	5477901	JC	31.54	< LOD	142.43	456.8	53.2	84.65	13.89	162.19	24.95	6065.44	106.04	19669.51	241.58	4277.82	171.21
2-3600	2N	3600	603587	5477903	JC	36.15	< LOD	206.67	524.88	62.92	91.27	17.41	207.91	30.56	5979.64	125.4	20457.47	288.88	3831.56	194.93
2-3575	2N	3575	603564	5477897	JC	33.02	< LOD	131.03	389.01	52.68	< LOD	15.64	159.52	18.74	3714.03	75.5	36115.7	283.86	2417.23	131.4
2-3550	2N	3550	603541	5477906	JC	33.05	< LOD	152.42	426.07	54.15	49.3	14.21	163.81	27.04	6712.06	115.81	22520.31	267.21	3345.35	165.04
2-3525	2N	3525	603517	5477896	JC	25.89	< LOD	101.17	206.91	39.59	< LOD	18.24	69.37	16.11	1932.14	62.87	25710.74	258.22	2475.02	137.71
2-3500	2N	3500	603490	5477896	JC	32.13	< LOD	131.85	355.37	50.74	34.99	12.92	122.73	21.7	4305.63	90.09	21194.71	244.73	3529.65	157.17
2-3475	2N	3475	603473	5477892	JC	35.3	< LOD	173.97	528.31	61.06	52.61	14.32	207.3	28.14	6915.28	118.62	22827.16	271.98	3625.74	171.4
2-3450	2N	3450	603447	5477896	JC	29.12	< LOD	125.76	380.86	48.15	56.85	13.56	133.87	24.77	6192.01	106.63	15110.12	214.68	8323.98	220.79
2-3425	2N	3425	603427	5477904	JC	28.82	< LOD	143.74	229.98	46.08	32.13	15.14	135.42	28.25	6554.9	121.54	14028.74	229.78	7023.6	227.9
2-3400	2N	3400	603404	5477901	JC	34.34	< LOD	142.47	417.95	54.64	47.46	10.55	101.04	18.94	4739.29	81.94	18669.99	204.95	3621.72	138.36
2-3375	2N	3375	603373	5477900	JC	31.77	< LOD	120.18	379.74	49.34	44.55	12.49	116.88	23.28	6052.02	101.09	21289.15	238.49	7932.72	207.91
2-3350	2N	3350	603348	5477896	JC	36.57	< LOD	158.96	550.49	60.72	42.48	13.67	186.33	27.83	7593.94	120.2	29524.27	299.04	5153.1	192.67
4-4150	4N	4150	604153	5477704	JC	35.79	< LOD	157.94	514.27	59.15	68.76	14.54	198.1	27.13	6603.6	114.32	24743.13	279.73	5933.4	204.44
4-4125	4N	4125	604128	5477700	JC	32.26	< LOD	134.82	424.49	53.33	72.11	12.96	134.97	22.27	5150.98	94.49	28036.07	273.08	4002.28	163.62
4-4100	4N	4100	604105	5477700	JC	37.18	< LOD	176.64	759.21	67.42	97.77	15.47	140.34	24.37	4448.02	100.34	31838.52	326.41	4600.87	195.83
4-4075	4N	4075	604076	5477701	JC	39.23	< LOD	186.26	763.54	70.14	117.22	15.83	164.23	25.35	4722.89	103.76	29397.63	315.26	6032.45	215.72
4-4050	4N	4050	604048	5477702	JC	35	< LOD	169.5	687.03	63.02	52.83	14.68	121.78	23.08	3833.59	93.93	19589.81	257.67	2923.01	160.49
4-4025	4N	4025	604027	5477701	JC	33.44	< LOD	159.08	461.45	55.58	78.13	15.26	160.75	27.72	6505.02	118.46	24115.34	286.43	4289.5	187.69
4-4000	4N	4000	604008	5477699	JC	32.94	< LOD	189.68	394.73	56.9	86.06	18.9	213.31	32.04	5865.65	130.11	18430.88	287.23	2588.3	178.78
4-3975	4N	3975	603977	5477705	JC	30.61	< LOD	154.34	366.09	51.29	37.52	15.01	136.42	23.93	4196.98	97.53	17897.06	249.45	2884.54	161.12
4-3950	4N	3950	603957	5477704	JC	35.88	< LOD	174.62	598.58	63.21	65.31	14.08	125.46	24.65	5408.25	105.31	29241.7	301.65	3262.74	166.3
6-4200	6N	4200	604202	5477506	JC	36.59	< LOD	155.38	629.44	62.09	82.24	13.65	187.81	28.55	8959.61	125.6	18517.9	234.39	6536.25	200.62
6-4175	6N	4175	604181	5477498	JC	31.56	< LOD	135.56	367.48	50.58	67.52	13.22	118.31	21.98	4721.94	92.8	16881.82	219.94	3791.06	158.59
6-4150	6N	4150	604154	5477497	JC	39.77	< LOD	185.38	755.03	69.72	122.68	15.87	139.88	24.17	4033.03	98.16	31593.57	326.69	4843.37	200.04
6-4125	6N	4125	604130	5477499	JC	31.04	< LOD	143.75	293.71	48.23	< LOD	19.85	127.22	23.89	5101.91	100.92	16284.67	228.32	6402.83	204.57
6-4100	6N	4100	604100	5477503	JC	32.59	< LOD	174.64	299.5	54	34.91	16.27	169.66	28.78	5868.45	120.01	14904.78	245.12	4597.29	201.41
6-4075	6N	4075	604074	5477502	JC	30.77	< LOD	152.7	178.52	46.47	83.36	15.4	113.68	22.73	3607.07	91.89	10007.18	190.87	2744.98	152.23
6-4050	6N	4050	604049	5477504	JC	21.52	< LOD	112.26	< LOD	46.17	< LOD	23.11	101.31	22.57	2740.91	86.65	4294.44	149.58	2253.61	154.05
6-4025	6N	4025	604025	5477502	JC	35.63	< LOD	186.23	463.58	59.71	56.05	16.55	270.43	35.86	9971.77	153.51	14059.43	237.82	4420.08	197.37
6-4000	6N	4000	603995	5477503	JC	31.21	< LOD	119.22	450	50.98	25.51	11.67	127.77	23.14	6795.61	101.95	20760.22	229.4	6092.18	181.75
6-3975	6N	3975	603976	5477504	JC	31.69	< LOD	134.41	254.39	46.95	52.97	14.53	167.61	28.46	7806.53	123.75	15748.15	228.55	5726.67	199.11
6-3950	6N	3950	603961	5477500	JC	31.56	< LOD	165.28	267.56	49.68	38.15	16.74	192.49	30.43	6197.36	126.11	15159.84	251.1	4091.16	196.41

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis														
						Ba (ppm)	Ba Error	Sb (ppm)	Sb Error	Sn (ppm)	Sn Error	Cs (ppm)	Cs Error	Te (ppm)	Te Error	S (ppm)	S Error	U (ppm)	U Error	Th (ppm)
1-3700	1N	3700	603677	5478000	JC	431.06	38.52	45.69	9.86	30.53	7.51	108.31	13.29	175.27	27.16	350.89	204.75	< LOD	5.29	< LOD
1-3675	1N	3675	603653	5477993	JC	< LOD	41.61	13.36	7.37	15.24	5.67	< LOD	14.86	< LOD	29.81	328.58	215.66	< LOD	4.37	< LOD
1-3650	1N	3650	603630	5478003	JC	129.73	28.6	24.35	7.54	13.32	5.68	26.55	10.12	63.38	20.39	< LOD	270.91	5.15	3.36	< LOD
1-3625	1N	3625	603602	5478005	JC	177.43	28.88	31.33	7.62	21.6	5.8	37.12	10.16	100.9	20.74	722.83	272.16	< LOD	4.35	< LOD
1-3600	1N	3600	603583	5477997	JC	267.56	31.4	30.67	8.12	16.88	6.12	59.67	10.95	111.31	22.24	715.61	250.28	< LOD	5.05	< LOD
1-3575	1N	3575	603556	5477988	JC	173.38	33.18	15.72	8.53	15.7	6.55	24.95	11.62	46.42	23.24	555.54	239.25	< LOD	5.23	< LOD
1-3550	1N	3550	603536	5477993	JC	158.98	31.36	23.28	8.19	15.06	6.21	31.73	11.06	76.94	22.35	651.85	251.23	< LOD	4.96	< LOD
1-3525	1N	3525	603511	5477990	JC	113.75	30.22	28.37	8.06	19.68	6.12	< LOD	15.99	59.82	21.58	443.85	203.6	< LOD	4.31	< LOD
1-3500	1N	3500	603491	5477991	JC	87.74	28.42	17.02	7.47	12.71	5.69	< LOD	15.02	42.13	20.23	734.63	250.48	< LOD	4.44	< LOD
1-3475	1N	3475	603467	5477986	JC	70.22	29.51	< LOD	11.51	11.44	5.9	< LOD	15.56	< LOD	31.15	402.77	210.54	< LOD	4.95	< LOD
1-3450	1N	3450	603447	5477995	JC	< LOD	41.26	12.84	7.37	< LOD	8.36	< LOD	14.75	< LOD	29.51	799.25	299.8	< LOD	4.59	< LOD
1-3425	1N	3425	603426	5478000	JC	133.64	30.24	23.06	7.95	17.93	6.07	34.67	10.73	83.08	21.74	446.7	275.15	< LOD	5.27	< LOD
1-3400	1N	3400	603392	5477993	JC	212.86	31.43	37.88	8.3	24.68	6.31	36.25	10.98	89.37	22.28	< LOD	335.36	< LOD	5.5	< LOD
1-3375	1N	3375	603373	5477999	JC	< LOD	23.39	< LOD	5.9	< LOD	4.44	< LOD	8.74	< LOD	16.29	1619.18	268.43	< LOD	3.04	< LOD
1-3350	1N	3350	603337	5478002	JC	314.9	32.85	21.4	8.26	15.18	6.3	48.22	11.29	69.92	22.6	< LOD	322.06	< LOD	5.62	< LOD
2-3700	2N	3700	603688	5477905	JC	197.65	33.9	42.6	9.06	16.99	6.71	46.75	11.94	101.3	24.24	433.64	255.76	< LOD	5.14	< LOD
2-3675	2N	3675	603665	5477904	JC	232.09	30.81	36.72	8.1	18.28	6.07	48.4	10.78	100.68	21.87	349.95	217.19	< LOD	5.35	< LOD
2-3650	2N	3650	603637	5477901	JC	122.7	30.42	30.06	8.09	15.07	6.07	< LOD	16.09	68.59	21.77	713.8	236.26	< LOD	4.54	< LOD
2-3625	2N	3625	603612	5477901	JC	104.83	29.07	16.63	7.61	9.99	5.76	< LOD	15.43	52.53	20.72	619.22	225.85	< LOD	4.53	< LOD
2-3600	2N	3600	603587	5477903	JC	287.63	34.06	43.09	8.94	26.77	6.77	73.11	11.91	133.61	24.27	< LOD	386.84	< LOD	5.08	< LOD
2-3575	2N	3575	603564	5477897	JC	282.44	33.18	35.88	8.61	24.89	6.57	71.77	11.6	91.86	23.22	< LOD	273.27	< LOD	5.61	< LOD
2-3550	2N	3550	603541	5477906	JC	104.41	30.81	14.5	8.03	9.26	6.08	< LOD	16.33	44.58	21.88	403.17	228.34	< LOD	4.79	< LOD
2-3525	2N	3525	603517	5477896	JC	< LOD	32.95	< LOD	8.62	< LOD	6.52	< LOD	12.03	< LOD	23.46	857.86	225.64	< LOD	4.06	< LOD
2-3500	2N	3500	603490	5477896	JC	120.85	28.25	< LOD	10.88	< LOD	8.19	< LOD	14.87	< LOD	29.74	390.93	208.05	< LOD	5.24	< LOD
2-3475	2N	3475	603473	5477892	JC	253.36	33.68	23.59	8.63	14.82	6.53	39.1	11.68	84.04	23.61	471.43	235.05	< LOD	5.5	< LOD
2-3450	2N	3450	603447	5477896	JC	< LOD	41.96	< LOD	11.04	< LOD	8.37	< LOD	15.04	< LOD	30.08	563.64	224.69	< LOD	4.43	< LOD
2-3425	2N	3425	603427	5477904	JC	< LOD	42.21	< LOD	11.07	< LOD	8.33	< LOD	15	< LOD	29.94	409.29	246.45	< LOD	4.6	< LOD
2-3400	2N	3400	603404	5477901	JC	317.91	33.54	44.99	8.76	23.42	6.57	78.86	11.68	126.76	23.67	280.93	165.94	< LOD	5.07	< LOD
2-3375	2N	3375	603373	5477900	JC	222.45	29.1	31.51	7.61	19.11	5.75	37.6	10.15	92.19	20.62	304.47	200.09	5.78	3.49	< LOD
2-3350	2N	3350	603348	5477896	JC	416.59	32.28	39.4	8.21	27.78	6.26	97.14	11.11	137	22.46	< LOD	308.28	< LOD	5.54	< LOD
4-4150	4N	4150	604153	5477704	JC	334.01	75.19	53.1	19.82	22.27	14.66	66.79	25.98	106.58	52.45	< LOD	333.05	< LOD	5.39	< LOD
4-4125	4N	4125	604128	5477700	JC	292.44	31.7	39.93	8.28	27.88	6.3	66.79	11.04	131.82	22.54	549.22	215.43	< LOD	5.33	< LOD
4-4100	4N	4100	604105	5477700	JC	362.92	33.27	40.66	8.56	23.18	6.46	85.89	11.52	128.1	23.29	< LOD	353.3	< LOD	5.55	< LOD
4-4075	4N	4075	604076	5477701	JC	502.08	34.93	40.01	8.72	16.61	6.48	100.33	11.84	108.95	23.61	372.15	246.14	< LOD	6.22	< LOD
4-4050	4N	4050	604048	5477702	JC	256.04	30.88	25.59	7.93	18.46	6.04	58.55	10.78	80.26	21.61	502.63	238.9	< LOD	5.34	< LOD
4-4025	4N	4025	604027	5477701	JC	270.32	32.66	47.7	8.66	28.47	6.55	81.01	11.5	142.25	23.44	438.38	244	< LOD	4.75	< LOD
4-4000	4N	4000	604008	5477699	JC	273.75	32.84	33.46	8.51	16.74	6.38	52.02	11.41	101.6	23.12	569.3	296.43	< LOD	4.74	< LOD
4-3975	4N	3975	603977	5477705	JC	49.74	28.66	12.51	7.54	10.27	5.74	< LOD	15.21	< LOD	30.47	887.14	265	< LOD	4.6	< LOD
4-3950	4N	3950	603957	5477704	JC	378.02	33.96	39.94	8.69	25.09	6.59	85.12	11.72	119.35	23.61	342.48	226.93	< LOD	5.46	< LOD
6-4200	6N	4200	604202	5477506	JC	326.82	35.61	37.96	9.18	21.59	6.93	84.73	12.4	96.16	24.75	< LOD	297.44	< LOD	5.19	< LOD
6-4175	6N	4175	604181	5477498	JC	129.42	29.67	18.61	7.75	10.74	5.84	15.77	10.44	47.35	20.98	759.7	224.5	< LOD	5.17	< LOD
6-4150	6N	4150	604154	5477497	JC	640.01	36.75	36.7	8.91	23.32	6.77	105.33	12.18	130.59	24.45	< LOD	346.79	< LOD	6.19	< LOD
6-4125	6N	4125	604130	5477499	JC	< LOD	40.99	12.82	7.22	< LOD	8.06	< LOD	14.56	< LOD	29.06	550.65	231.05	< LOD	4.88	< LOD
6-4100	6N	4100	604100	5477503	JC	327.08	32.56	40.99	8.44	25.72	6.39	80.68	11.32	115.44	22.84	564.73	269.51	< LOD	5.51	< LOD
6-4075	6N	4075	604074	5477502	JC	< LOD	40.28	< LOD	10.61	< LOD	8.04	< LOD	14.33	< LOD	28.86	622.77	240.18	< LOD	4.61	< LOD
6-4050	6N	4050	604049	5477504	JC	< LOD	29.04	< LOD	7.54	< LOD	5.7	< LOD	10.63	< LOD	20.56	1051.03	291.96	< LOD	3.14	< LOD
6-4025	6N	4025	604025	5477502	JC	284.81	31.42	32.09	8.11	16.45	6.09	59.49	10.92	107.98	22.13	404.86	256.78	< LOD	5.05	< LOD
6-4000	6N	4000	603995	5477503	JC	232.48	30.46	32.37	7.95	17.85	5.99	39.9	10.61	92.62	21.54	< LOD	264.7	< LOD	4.79	< LOD
6-3975	6N	3975	603976	5477504	JC	40.75	27.15	< LOD	10.63	< LOD	7.98	< LOD	14.48	< LOD	29.06	481.38	232.17	< LOD	4.5	< LOD
6-3950	6N	3950	603961	5477500	JC	128.24	29	24.15	7.64	19.58	5.86	27.45	10.27	69.19	20.74	618.25	278.56	< LOD	4.5	< LOD

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis				
						Th Error	Hg (ppm)	Hg Error	Sc (ppm)	Sc Error
1-3700	1N	3700	603677	5478000	JC	3.57	< LOD	8.73	67.32	18.51
1-3675	1N	3675	603653	5477993	JC	2.98	< LOD	7.4	73.05	19.88
1-3650	1N	3650	603630	5478003	JC	3.14	< LOD	7.48	37.89	14.61
1-3625	1N	3625	603602	5478005	JC	3.1	< LOD	7.11	65.17	19.64
1-3600	1N	3600	603583	5477997	JC	3.49	< LOD	8.32	60.67	20.02
1-3575	1N	3575	603556	5477988	JC	3.2	< LOD	8.5	53.04	20.92
1-3550	1N	3550	603536	5477993	JC	3.23	< LOD	8.14	43.94	17.12
1-3525	1N	3525	603511	5477990	JC	2.88	< LOD	6.71	46.41	19.31
1-3500	1N	3500	603491	5477991	JC	3.38	< LOD	7.29	38.12	17.38
1-3475	1N	3475	603467	5477986	JC	3.16	< LOD	7.12	50.36	17.22
1-3450	1N	3450	603447	5477995	JC	3.29	< LOD	7.15	41.42	21.82
1-3425	1N	3425	603426	5478000	JC	3.65	< LOD	8.34	50.71	21.73
1-3400	1N	3400	603392	5477993	JC	3.36	< LOD	8.47	83.69	25.12
1-3375	1N	3375	603373	5477999	JC	2.57	< LOD	4.73	45.1	14.61
1-3350	1N	3350	603337	5478002	JC	3.51	< LOD	8.28	46.58	18.82
2-3700	2N	3700	603688	5477905	JC	3.14	< LOD	8.23	60.39	22.39
2-3675	2N	3675	603665	5477904	JC	3.68	< LOD	8.68	69.47	22.06
2-3650	2N	3650	603637	5477901	JC	3.28	< LOD	7.44	68.7	21.88
2-3625	2N	3625	603612	5477901	JC	2.97	< LOD	7.29	57.56	19.2
2-3600	2N	3600	603587	5477903	JC	3.44	< LOD	8.77	83.71	23.41
2-3575	2N	3575	603564	5477897	JC	3.34	< LOD	8.35	84.74	22.28
2-3550	2N	3550	603541	5477906	JC	3.19	< LOD	8.08	58.79	21.19
2-3525	2N	3525	603517	5477896	JC	2.95	< LOD	6.01	68.39	20.36
2-3500	2N	3500	603490	5477896	JC	3.26	< LOD	8.12	48.25	19.25
2-3475	2N	3475	603473	5477892	JC	3.56	< LOD	8.78	< LOD	31.79
2-3450	2N	3450	603447	5477896	JC	2.97	< LOD	7.01	41.37	16.9
2-3425	2N	3425	603427	5477904	JC	3.13	< LOD	7.09	44.98	18.32
2-3400	2N	3400	603404	5477901	JC	3.29	< LOD	8.33	44.43	16.13
2-3375	2N	3375	603373	5477900	JC	3.15	< LOD	7.68	60.73	18.8
2-3350	2N	3350	603348	5477896	JC	3.68	< LOD	8.69	89.06	23.75
4-4150	4N	4150	604153	5477704	JC	3.36	< LOD	8.6	62.68	22.05
4-4125	4N	4125	604128	5477700	JC	3.13	< LOD	7.87	71.37	21.52
4-4100	4N	4100	604105	5477700	JC	3.75	< LOD	8.74	51.69	25.39
4-4075	4N	4075	604076	5477701	JC	3.81	< LOD	9.46	86.95	24.96
4-4050	4N	4050	604048	5477702	JC	3.42	< LOD	8.46	56.49	20.49
4-4025	4N	4025	604027	5477701	JC	3.3	< LOD	7.89	88.44	23
4-4000	4N	4000	604008	5477699	JC	3.49	< LOD	8.05	85.53	23.53
4-3975	4N	3975	603977	5477705	JC	3.29	< LOD	7.35	67.23	20.09
4-3950	4N	3950	603957	5477704	JC	3.53	< LOD	9.02	84.3	23.94
6-4200	6N	4200	604202	5477506	JC	3.71	< LOD	9.04	60.51	18.7
6-4175	6N	4175	604181	5477498	JC	3.18	< LOD	7.41	55.38	17.56
6-4150	6N	4150	604154	5477497	JC	3.67	< LOD	9.77	81.75	25.76
6-4125	6N	4125	604130	5477499	JC	3.11	< LOD	7.44	52.26	18.15
6-4100	6N	4100	604100	5477503	JC	3.44	< LOD	8.27	53.04	19.73
6-4075	6N	4075	604074	5477502	JC	3.34	< LOD	7.32	54.77	15.78
6-4050	6N	4050	604049	5477504	JC	2.68	< LOD	5.31	26.39	12.48
6-4025	6N	4025	604025	5477502	JC	3.34	< LOD	8.71	40.98	19.13
6-4000	6N	4000	603995	5477503	JC	2.95	< LOD	7.46	46.63	17.98
6-3975	6N	3975	603976	5477504	JC	3.14	< LOD	7.39	49.76	18.24
6-3950	6N	3950	603961	5477500	JC	3.27	< LOD	7.54	53.87	20.25

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis															
						Cu (ppm)	Cu Error	Ni (ppm)	Ni Error	Pb (ppm)	Pb Error	Zn (ppm)	Zn Error	Cd (ppm)	Cd Error	Pd (ppm)	Pd Error	Ag (ppm)	Ag Error	Mo (ppm)	Mo Error
6-3925	6N	3925	603939	5477507	JC	40.74	12.41	110.43	24.82	< LOD	5.22	73.42	8.78	13.35	6.83	< LOD	9.29	< LOD	6.6	< LOD	3.6
6-3900	6N	3900	603909	5477502	JC	20.91	11.07	54.79	22.31	< LOD	5.03	57.44	7.69	< LOD	10.11	< LOD	9.01	< LOD	6.49	< LOD	3.39
6-3875	6N	3875	603880	5477502	JC	18.77	11.24	68.46	23.29	< LOD	5.13	64.48	8.11	14.16	6.94	9.65	6.3	< LOD	6.59	< LOD	3.55
6-3850	6N	3850	603860	5477504	JC	28.46	11.62	61.68	23.26	< LOD	5.21	68.43	8.31	18.39	6.58	9.01	5.89	< LOD	6.28	< LOD	3.4
6-3825	6N	3825	603832	5477504	JC	< LOD	14.07	< LOD	29.89	< LOD	4.6	49.35	6.83	10	6.36	< LOD	8.45	< LOD	5.98	< LOD	3.03
6-3800	6N	3800	603813	5477502	JC	< LOD	10.99	< LOD	20.66	71.15	5.32	32.67	5.03	< LOD	5.93	< LOD	5.23	< LOD	3.7	< LOD	2.62
6-3775	6N	3775	603792	5477499	JC	< LOD	12.68	< LOD	26.09	8.21	3.53	34.64	5.93	< LOD	8.86	< LOD	7.77	< LOD	5.58	< LOD	2.97
7-4200	7N	4200	604196	5477412	JC	< LOD	12.62	< LOD	24.49	33.96	4.54	40.84	5.98	< LOD	8.25	< LOD	7.3	< LOD	5.32	< LOD	2.87
7-4175	7N	4175	604171	5477410	JC	< LOD	11.85	< LOD	24.88	< LOD	4.8	33.83	5.73	< LOD	8.56	< LOD	7.55	< LOD	5.52	< LOD	2.89
7-4150	7N	4150	604148	5477413	JC	40.15	12.69	119.22	25.36	< LOD	5.49	64.69	8.52	18.67	7.32	< LOD	9.69	9.49	4.75	< LOD	3.62
7-4125	7N	4125	604128	5477408	JC	< LOD	11	< LOD	21.85	42.35	4.58	28.54	5.03	< LOD	6.41	< LOD	5.65	< LOD	4	< LOD	2.75
7-4100	7N	4100	604106	5477403	JC	< LOD	13.77	< LOD	28.74	< LOD	4.73	33	6.11	< LOD	9.45	< LOD	8.39	< LOD	6.14	< LOD	3.31
7-4075	7N	4075	604085	5477400	JC	< LOD	15.14	< LOD	31.25	< LOD	5.13	53.18	7.31	14.85	6.66	< LOD	8.58	< LOD	6.27	< LOD	3.4
7-4050	7N	4050	604063	5477400	JC	< LOD	13.19	< LOD	27.15	9.38	3.61	34.6	5.94	14.76	6.65	< LOD	8.68	< LOD	6.4	< LOD	3.05
7-4025	7N	4025	604038	5477402	JC	< LOD	16.69	65.17	23.89	< LOD	5.01	64.69	8.29	22.62	7.17	< LOD	9.25	< LOD	6.73	< LOD	3.68
7-4000	7N	4000	604013	5477392	JC	< LOD	14.8	< LOD	30.93	< LOD	5.08	48.58	7	14.17	6.26	< LOD	8.13	< LOD	5.91	< LOD	3.22
7-3975	7N	3975	603986	5477395	JC	< LOD	14.73	< LOD	31.03	< LOD	5.3	40.63	6.76	16.69	6.81	< LOD	9.08	< LOD	6.37	< LOD	3.32
7-3950	7N	3950	603961	5477394	JC	< LOD	16.12	38.68	23.15	< LOD	5.68	27.96	6.62	21.36	6.81	9.59	6.06	< LOD	6.41	< LOD	3.5
7-3925	7N	3925	603935	5477395	JC	18.54	10.7	< LOD	32.45	< LOD	5.39	31.93	6.53	11.05	6.45	< LOD	8.43	< LOD	6.14	< LOD	3.31
7-3900	7N	3900	603909	5477396	JC	< LOD	16.19	39.98	23.2	< LOD	5.2	42.9	7.27	21.86	7.02	< LOD	9.27	7.09	4.45	< LOD	3.5
7-3875	7N	3875	603890	5477391	JC	< LOD	15.53	< LOD	31.45	< LOD	4.97	38.45	6.76	18.2	6.62	10	5.95	< LOD	6.3	< LOD	3.26
7-3850	7N	3850	603868	5477397	JC	< LOD	9.84	< LOD	19.21	77.97	5.38	22.26	4.5	< LOD	5.74	< LOD	4.99	< LOD	3.64	3.94	1.77

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis													
						Fe (ppm)	Fe Error	Zr (ppm)	Zr Error	Sr (ppm)	Sr Error	Rb (ppm)	Rb Error	As (ppm)	As Error	Se (ppm)	Se Error	Au (ppm)	Au Error	W (ppm)
6-3925	6N	3925	603939	5477507	JC	33897.9	267.19	86.63	3.98	479.71	7.15	12.28	2.02	7.42	3.17	< LOD	3.62	< LOD	6.82	< LOD
6-3900	6N	3900	603909	5477502	JC	33548.57	254.87	64.24	3.37	361.14	5.97	9.34	1.77	5.76	2.98	< LOD	3.25	< LOD	6.25	< LOD
6-3875	6N	3875	603880	5477502	JC	34385.46	261.86	86.54	3.72	380	6.21	17.11	2.1	5.01	2.99	< LOD	3.53	< LOD	6.7	< LOD
6-3850	6N	3850	603860	5477504	JC	37145.07	272.93	55.12	3.32	358.53	6.05	9.75	1.81	7.62	3.15	< LOD	3.41	< LOD	6.22	< LOD
6-3825	6N	3825	603832	5477504	JC	28874.31	222.54	36.75	2.69	277.67	4.94	6.42	1.46	< LOD	3.64	< LOD	2.89	< LOD	5.49	< LOD
6-3800	6N	3800	603813	5477502	JC	10110.69	112.59	4.97	1.56	128.96	2.9	2.91	1.05	7.49	4.28	< LOD	2.13	< LOD	3.99	< LOD
6-3775	6N	3775	603792	5477499	JC	17078.94	164.29	60.7	2.76	221.25	4.23	12.53	1.61	< LOD	4.22	< LOD	2.84	< LOD	5.14	< LOD
7-4200	7N	4200	604196	5477412	JC	16912.62	158.45	46.84	2.44	182.17	3.74	5.65	1.31	< LOD	5.47	< LOD	2.49	< LOD	4.72	< LOD
7-4175	7N	4175	604171	5477410	JC	20174.77	174.56	61.24	2.58	149.16	3.44	4.42	1.25	< LOD	3.94	< LOD	2.42	< LOD	4.62	< LOD
7-4150	7N	4150	604148	5477413	JC	33296.88	267.42	47.23	3.78	607.06	8.1	7.32	1.85	< LOD	4.73	< LOD	3.56	< LOD	6.78	< LOD
7-4125	7N	4125	604128	5477408	JC	17693.13	152.36	40.29	2.05	89.92	2.53	11.16	1.38	< LOD	5.24	< LOD	2.41	< LOD	4.3	< LOD
7-4100	7N	4100	604106	5477403	JC	17612.1	172.59	181.24	4	165.39	3.82	8.43	1.53	< LOD	4.07	< LOD	2.83	< LOD	5.56	< LOD
7-4075	7N	4075	604085	5477400	JC	26502.6	220.31	115.97	3.72	282.41	5.15	14.37	1.86	< LOD	4.31	< LOD	3.07	< LOD	5.69	< LOD
7-4050	7N	4050	604063	5477400	JC	18399.31	171.17	83.34	3.11	271.89	4.7	11.03	1.6	< LOD	4.32	< LOD	2.73	< LOD	5.03	< LOD
7-4025	7N	4025	604038	5477402	JC	37475.7	277.97	114.49	4.06	363.24	6.18	6.21	1.72	< LOD	3.9	< LOD	3.51	< LOD	6.65	< LOD
7-4000	7N	4000	604013	5477392	JC	33903.31	247.94	74.22	3.11	200.89	4.35	9.19	1.64	7.1	3.03	< LOD	3.12	< LOD	5.87	< LOD
7-3975	7N	3975	603986	5477395	JC	34154.3	248.67	104.07	3.54	257.88	4.9	7.91	1.61	< LOD	4.38	< LOD	3.24	< LOD	5.91	< LOD
7-3950	7N	3950	603961	5477394	JC	71589.77	383.61	71.76	3.22	167.77	4.27	10	1.78	5.38	3.3	< LOD	3.33	< LOD	6.18	< LOD
7-3925	7N	3925	603935	5477395	JC	65666.37	354.75	59.64	2.95	163.21	4.07	8.08	1.66	8.82	3.28	< LOD	3.18	< LOD	5.86	< LOD
7-3900	7N	3900	603909	5477396	JC	64323.09	361.8	112.6	3.7	160.4	4.16	8.57	1.71	11.3	3.34	< LOD	3.44	< LOD	6.38	< LOD
7-3875	7N	3875	603890	5477391	JC	36558.44	262.08	60.87	3.25	343.17	5.74	9.09	1.7	7.89	3.03	< LOD	3.27	< LOD	6	< LOD
7-3850	7N	3850	603868	5477397	JC	7059.23	92.32	17.35	1.63	89.75	2.4	3.83	1.06	7.21	4.31	< LOD	2.23	< LOD	4.12	< LOD

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis													
						W Error	Co (ppm)	Co Error	Mn (ppm)	Mn Error	Cr (ppm)	Cr Error	V (ppm)	V Error	Ti (ppm)	Ti Error	Ca (ppm)	Ca Error	K (ppm)	K Error
6-3925	6N	3925	603939	5477507	JC	38.65	< LOD	164.8	617.81	64.08	78.47	14.92	131.94	24.32	4582.21	100.87	27855.28	300.53	5525.62	203.51
6-3900	6N	3900	603909	5477502	JC	33.87	< LOD	154.71	532.36	58.46	43.39	13.6	129.63	22.97	4446.94	95.24	22602.91	262.33	4280.26	175.82
6-3875	6N	3875	603880	5477502	JC	35.35	< LOD	161.53	589.2	61.27	119.61	14.85	158.26	25.25	5838.33	107.07	25002.1	277.88	6135.54	204.49
6-3850	6N	3850	603860	5477504	JC	35.94	< LOD	167.8	550.6	60.69	86.1	13.7	131.41	21.35	3755.02	86.87	24561.67	269.22	3882.98	167.85
6-3825	6N	3825	603832	5477504	JC	30.49	< LOD	138.06	480.15	52.66	101.43	14.96	166.16	25.94	5940.5	109.2	25884.79	282.26	5410.26	195.56
6-3800	6N	3800	603813	5477502	JC	22.12	< LOD	70.79	115.36	32.27	< LOD	19.16	38.3	15.01	1187.32	56.1	20789.15	238.08	1656.57	125.59
6-3775	6N	3775	603792	5477499	JC	28.32	< LOD	103.3	202.78	41.34	24.04	12.17	92.48	20.97	4781.45	89.93	16715.54	210.33	5227.47	171.94
7-4200	7N	4200	604196	5477412	JC	27.17	< LOD	99.04	162.9	38.47	28.99	12.78	100.71	20.17	3874.09	83.78	16599.16	212.67	3368.71	148.61
7-4175	7N	4175	604171	5477410	JC	26.83	< LOD	108.31	280.41	42.67	23.28	13.14	133.49	23.21	5455.13	98.68	18119.45	227.81	3320.54	153.19
7-4150	7N	4150	604148	5477413	JC	38.58	< LOD	163.86	716.77	67.15	78.19	13.38	97.79	19.22	2815.5	77.24	35019.32	313.34	4003.82	171.89
7-4125	7N	4125	604128	5477408	JC	22.93	< LOD	94.2	< LOD	47.55	< LOD	22.79	103.38	23.1	3887.58	94.44	12183.45	211.82	3492.42	171.43
7-4100	7N	4100	604106	5477403	JC	29.85	< LOD	107.28	159.01	41.88	27.55	12.47	199.65	27.27	9113.26	119.76	11325.48	179.05	5049.38	169.8
7-4075	7N	4075	604085	5477400	JC	33.31	< LOD	135.81	288.86	49.58	86.26	13.6	181.29	27.6	8569.08	120.81	14211.91	203.98	7044.65	201.14
7-4050	7N	4050	604063	5477400	JC	27.97	< LOD	107.17	168.83	40.44	< LOD	16.39	88.88	20.32	5233.43	88.56	16390.97	197.41	4944.09	158.91
7-4025	7N	4025	604038	5477402	JC	36.74	< LOD	171.11	802.02	68.11	131.2	14.05	137.95	24.36	6205.72	105.42	26591.79	273.53	4265.44	170.98
7-4000	7N	4000	604013	5477392	JC	30.85	< LOD	150.81	273.29	49.15	61.25	15.69	243.12	30.85	7525.69	128.78	14537.3	229.54	4944.77	195.55
7-3975	7N	3975	603986	5477395	JC	32.45	< LOD	152.53	388.7	52.8	63.53	15.26	241.84	30.66	7973.63	129.42	18691.62	253.62	5539.13	203.17
7-3950	7N	3950	603961	5477394	JC	33.67	< LOD	231.94	274.5	58.31	103.96	23.71	400.19	45.27	9342.12	182.19	10782.06	259.13	3876.3	231.09
7-3925	7N	3925	603935	5477395	JC	31.4	< LOD	212.38	148.24	52.51	142.6	22.29	222.29	34.44	5866.33	138.06	8018.79	214.24	1928.2	170.2
7-3900	7N	3900	603909	5477396	JC	33.71	< LOD	220.03	320.57	58.93	76.3	21.35	393.94	43.36	9695.39	176.26	12989.34	265.51	3591.97	213.18
7-3875	7N	3875	603890	5477391	JC	32.11	< LOD	158.63	417.74	54.87	38.83	15.68	162.92	27.91	5892.4	116.91	19940.22	270.93	5066.04	204.6
7-3850	7N	3850	603868	5477397	JC	21.18	< LOD	59.54	< LOD	38.58	< LOD	16.34	37.37	13.93	1748.43	54.87	6171.13	125.61	2987.65	123.62

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis													
						Ba (ppm)	Ba Error	Sb (ppm)	Sb Error	Sn (ppm)	Sn Error	Cs (ppm)	Cs Error	Te (ppm)	Te Error	S (ppm)	S Error	U (ppm)	U Error	Th (ppm)
6-3925	6N	3925	603939	5477507	JC	481.07	33.79	42.42	8.51	25.1	6.43	108.34	11.54	136.94	23.22	< LOD	346.32	< LOD	6.07	< LOD
6-3900	6N	3900	603909	5477502	JC	271.12	33.04	13.85	8.28	11.16	6.32	41.91	11.42	44.31	22.65	< LOD	312.19	< LOD	5.36	< LOD
6-3875	6N	3875	603880	5477502	JC	400.97	33.7	38.12	8.57	22.8	6.48	85.7	11.58	134.88	23.49	478.75	232.11	< LOD	5.81	< LOD
6-3850	6N	3850	603860	5477504	JC	338.71	31.2	41.11	8.07	26	6.12	95.91	10.89	124.21	21.92	438.49	219.15	< LOD	5.39	< LOD
6-3825	6N	3825	603832	5477504	JC	< LOD	43.17	< LOD	11.45	< LOD	8.61	< LOD	15.44	< LOD	31.07	729	247.74	< LOD	4.4	< LOD
6-3800	6N	3800	603813	5477502	JC	< LOD	27.14	< LOD	6.98	< LOD	5.29	< LOD	10	< LOD	19.1	1930.36	278.06	< LOD	3.33	< LOD
6-3775	6N	3775	603792	5477499	JC	< LOD	40.04	< LOD	10.51	< LOD	8.01	< LOD	14.29	< LOD	28.67	1195.31	235.94	< LOD	4.33	< LOD
7-4200	7N	4200	604196	5477412	JC	< LOD	37.23	< LOD	9.89	< LOD	7.35	< LOD	13.5	< LOD	26.66	1271.48	242.26	< LOD	4	< LOD
7-4175	7N	4175	604171	5477410	JC	< LOD	38.49	< LOD	10.2	< LOD	7.73	< LOD	13.86	< LOD	27.54	723.65	225.03	< LOD	3.84	< LOD
7-4150	7N	4150	604148	5477413	JC	571.81	36.22	40.69	8.96	24.47	6.79	138.25	12.31	175.07	24.89	< LOD	309.98	< LOD	6.06	< LOD
7-4125	7N	4125	604128	5477408	JC	< LOD	28.94	< LOD	7.5	< LOD	5.7	< LOD	10.64	< LOD	20.44	1082.28	276.14	< LOD	3.55	< LOD
7-4100	7N	4100	604106	5477403	JC	< LOD	43.42	12.65	7.63	10.01	5.82	< LOD	15.46	< LOD	30.99	< LOD	275.37	< LOD	4.46	< LOD
7-4075	7N	4075	604085	5477400	JC	149.62	30.75	24.78	8.06	9.25	6.01	< LOD	16.17	42.15	21.6	342.79	203.86	< LOD	5.08	< LOD
7-4050	7N	4050	604063	5477400	JC	88.83	30.27	17.44	7.96	11.55	6.04	< LOD	16.1	61.18	21.74	627.74	192.69	< LOD	4.6	< LOD
7-4025	7N	4025	604038	5477402	JC	338.4	33.61	37.01	8.65	24.67	6.57	92.03	11.71	104.6	23.4	< LOD	291.68	< LOD	5.49	< LOD
7-4000	7N	4000	604013	5477392	JC	61.3	28.39	14.01	7.47	13.72	5.72	< LOD	15.12	46.48	20.37	597.48	251.02	< LOD	4.7	< LOD
7-3975	7N	3975	603986	5477395	JC	166.83	31.35	21.72	8.16	15.81	6.21	28.85	11.01	72.61	22.27	< LOD	348.17	< LOD	4.81	< LOD
7-3950	7N	3950	603961	5477394	JC	233.51	31.33	35.82	8.22	27.5	6.3	64.39	11.03	127.26	22.51	< LOD	517.01	< LOD	4.77	< LOD
7-3925	7N	3925	603935	5477395	JC	< LOD	44.02	16.53	7.79	15.24	5.97	< LOD	15.73	51.15	21.23	944.58	347.94	< LOD	4.71	< LOD
7-3900	7N	3900	603909	5477396	JC	211.97	32.09	48.41	8.62	25.2	6.46	70.33	11.39	143.06	23.32	818.1	347.61	< LOD	4.76	< LOD
7-3875	7N	3875	603890	5477391	JC	233.56	30.76	33.01	8.03	21.13	6.09	46.93	10.75	111.94	21.94	529.27	260.45	< LOD	5.03	< LOD
7-3850	7N	3850	603868	5477397	JC	< LOD	26.19	< LOD	6.71	< LOD	5.04	< LOD	9.73	< LOD	18.34	1203.38	205.05	< LOD	3.27	< LOD

* < LOD - less than detection limit

Sampe #	Line	Station	UTM E	UTM N	Operator	Niton XRF Analysis				
						Th Error	Hg (ppm)	Hg Error	Sc (ppm)	Sc Error
6-3925	6N	3925	603939	5477507	JC	3.5	< LOD	9.3	75.69	23.73
6-3900	6N	3900	603909	5477502	JC	3.38	< LOD	8.46	56.39	20.68
6-3875	6N	3875	603880	5477502	JC	3.59	< LOD	8.58	81.32	22.09
6-3850	6N	3850	603860	5477504	JC	3.67	< LOD	8.69	68.97	21.31
6-3825	6N	3825	603832	5477504	JC	3.12	< LOD	7.27	64.46	22.24
6-3800	6N	3800	603813	5477502	JC	2.64	< LOD	5.42	63.77	18.88
6-3775	6N	3775	603792	5477499	JC	2.91	< LOD	6.8	51.06	16.68
7-4200	7N	4200	604196	5477412	JC	2.81	< LOD	6.46	64.54	17.08
7-4175	7N	4175	604171	5477410	JC	2.48	< LOD	6.65	50.03	18.07
7-4150	7N	4150	604148	5477413	JC	3.77	< LOD	9.37	82.73	24.59
7-4125	7N	4125	604128	5477408	JC	2.78	< LOD	5.55	43.01	16.99
7-4100	7N	4100	604106	5477403	JC	2.8	< LOD	7.46	26.5	14.19
7-4075	7N	4075	604085	5477400	JC	3.25	< LOD	8.05	37.63	16.14
7-4050	7N	4050	604063	5477400	JC	3.12	< LOD	6.91	41.63	15.55
7-4025	7N	4025	604038	5477402	JC	3.57	< LOD	8.87	60.85	21.51
7-4000	7N	4000	604013	5477392	JC	3.1	< LOD	7.85	60.22	18.62
7-3975	7N	3975	603986	5477395	JC	3.32	< LOD	7.93	46.44	20.07
7-3950	7N	3950	603961	5477394	JC	3.68	< LOD	7.93	56.82	21.73
7-3925	7N	3925	603935	5477395	JC	3.65	< LOD	7.75	37.25	17.91
7-3900	7N	3900	603909	5477396	JC	3.71	< LOD	8.3	< LOD	31.88
7-3875	7N	3875	603890	5477391	JC	3.35	< LOD	7.87	37.45	21.24
7-3850	7N	3850	603868	5477397	JC	2.67	< LOD	5.25	29.62	10.13

* < LOD - less than detection limit