BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	**TOTAL COST**
Geochemical Soil Survey and Rock Sampling Program on the Bam Property	$49,746.27

AUTHOR(S) A. Koffyberg, PGeo SIGNATURE(S) ***Original Signed by Author***

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) NA YEAR OF WORK 2010

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4804880 (2010/Oct/27)

PROPERTY NAME Bam Property

CLAIM NAME(S) (on which work was done) 512807

COMMODITIES SOUGHT gold, copper, silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 104G 027, 104G 110

MINING DIVISION Liard Mining Division NTS 104G/02W

LATITUDE 57 ° 11 ' 21 " LONGITUDE 130 ° 52 ' 35 " (at centre of work)

OWNER(S)

1) Bearclaw Capital Corp. 2)

MAILING ADDRESS

#214 - 3540 West 41st Avenue

Vancouver, BC V6N 3E6

OPERATOR(S) [who paid for the work]

1) same 2)

MAILING ADDRESS

same

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Stikine assemblage, Early Permian carbonate, limestone, dolostone, chert, Early Mississippian More Creek Pluton, monzodiorite, tonalite, north-east normal faulting, shearing, breccia, tetrahedrite, chalcocite, galena, sphalerite, silicification, gold-bearing quartz veining, carbonate veining

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 27925, 25218, 24423, 20802 17570, 15827, 14859, 12561, 11515, 4290, 1675, 695

(OVER)

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	237 soils (36 elements)	512807	37,309.70
Silt			
Rock	31 samples (36 elements)	512807	12,436.57
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	49,746.27

ASSESSMENT REPORT

on the

Geochemical Soil Survey

and

Rock Sampling Program

BAM Property

LIARD MINING DIVISION

BCGS 104G.016, 026

Exploration on tenure: 512807

Work filed on tenure: 512807

NTS:	104G/02W
LATITUDE:	57° 11' 50" N (centre of work)
LONGITUDE:	131° 12' 05" W
OWNER:	Bearclaw Capital Corp.
OPERATOR:	Bearclaw Capital Corp.
CONSULTANT:	Discovery Consultants
AUTHOR:	A. Koffyberg, PGeo
DATE:	Dec 15, 2010

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1.0 SUMMARY

An in-fill soil sampling program and a limited geological mapping and rock sampling program were performed over the north part of the Bam property. The work took place from September 21 to 29, 2010 by personnel of Discovery Consultants of Vernon, BC. The main objective was to evaluate the potential of the north end of the Property to host gold and copper mineralization, and to prospect around the Jan showing. In total, 236 soil samples and 31 rock samples were collected.

The property consists of one Mineral Titles Online (MTO) mineral claim, having a size of 1,052.09 hectares, and is 100% owned by Bearclaw Capital Corp. It is located in northern British Columbia and centred at latitude 57° 10' 48" N and longitude 130° 52' 52" W. Locally, it is south of Mount Edziza Park, east of the Mess Creek valley, and approximately 80 km south of the town of Telegraph Creek.

Access to the Property is by helicopter for a distance of about 45 km from a base at Bob Quinn Lake, which is located on Highway 37. The nearest airstrip is a 1,000 m long gravel airstrip at Schaft Creek, 20 km northwest of the Property along the Mess Creek valley. Alternatively, the Property is also accessible via a 2.9 km hike on foot from Arctic Lake, which can be reached by float plane from Bob Quinn Lake or from the community of Dease Lake to the north.

Geologically, the Property lies within the Stikine Terrane. The Late Paleozoic Stikine Assemblage forms the structurally and stratigraphically lowest rocks in the area. It is sub-divided into five major units, which includes deformed intermediate to mafic metavolcanic tuff, flows, diorite and gabbro, quartz schists, volcanic flows and tuffs, limestones and cherty dolomitic carbonate. Intrusives in the region include Early Mississippian diorites and tonalites of the More Creek pluton. This pluton, which outcrops on the Property, is in fault contact on the east and west sides with country rocks.

Locally, the Property is underlain by Upper Paleozoic volcanics and volcaniclastic rocks of the Stikine assemblage, which are overlain by a thick sequence of Lower Permian limestone, dolostone and minor chert. This unit hosts most of the copper and silver mineralization on the Jan prospect. Mineralization consists of disseminations, stringers and veinlets of tetrahedrite, with minor chalcopyrite, pyrite, sphalerite and galena. Secondary minerals include azurite and malachite. At the Bam 10 prospect, gold-bearing quartz veins are hosted within granites of the More Creek pluton, which intrude Devonian volcanics (schistose flows and tuffs) and lesser carbonates.

Eight follow-up grids were established, centred at the sites of 1996 gold-in-soil anomalies. Part of the Jan prospect is covered by grid 8, which outlined a copper–antimony–arsenic-gold±silver geochemical anomaly. The area south of Hook Lake (grids 1 and 3) is also covered by a gold–antimony–arsenic±copper anomaly.

A gold-arsenic soil anomaly lies between grids 4 and 7 on L350S and L400S and 650E.

Rock sampling has confirmed historic work done on the Jan prospect as well as the copper±gold mineralization found south of Hook Lake.

2.0 INTRODUCTION

This assessment report was prepared at the request of Scott Ross, president of Bearclaw Capital Corp. ("Bearclaw"). This report describes the results of a geochemical soil survey and rock sampling conducted on the Bam property ("Property"). The work took place from September 21 to 29, 2010. Field work and overall management of the program was provided by Discovery Consultants of Vernon, BC.

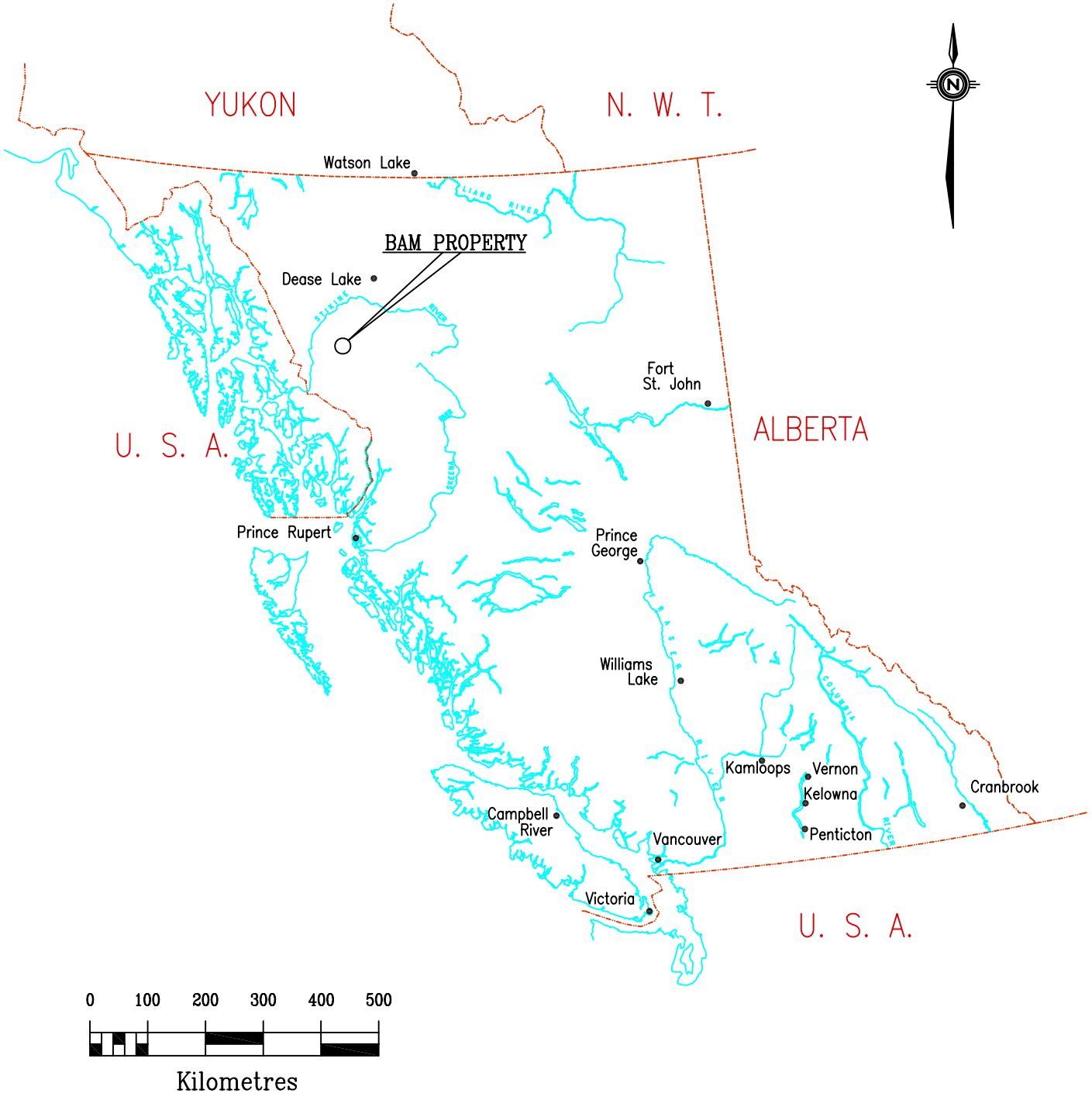
The main objective was to evaluate the potential of the north end of the Property to host gold and copper mineralization, and to prospect around the Jan showing.

3.0 LOCATION AND ACCESS

The Property is located in northern British Columbia and centred at latitude 57° 10' 48" N and longitude 130° 52' 52" W (Figure 1). Regionally it is located within the Tahltan Highlands northwest of the Iskut River, and borders the Coast Mountains to the west. More locally, it is south of Mount Edziza Park, east of the Mess Creek valley, and approximately 80 km south of the community of Telegraph Creek. It extends 4.7 km north–south and 2.5 km east–west to cover an area of 1,052 hectares.

Access to the Property is by helicopter for a distance of 45 km from a base at Bob Quinn Lake, which is located on Highway 37. The nearest airstrip is a 1,000 m long gravel airstrip at Schaft Creek, 20 km northwest of the Property along the Mess Creek valley. Alternatively, the Property is also accessible via a 2.9 km hike on foot from Arctic Lake, which can be reached by float plane from Bob Quinn Lake or from the community of Dease Lake to the north.

The privately-owned Galore road, which leaves Highway 37 about 8 km north of Bob Quinn Lake and heads west to the Galore Creek deposit, passes about 5 km south of the Property.



DISCOVERY Consultants	Bearclaw Capital Corp.
Bam Property	Property Location

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
December 15, 2010	674	1:10,000,000	104G.016,026	Liard	1

4.0 TOPOGRAPHY and CLIMATE

At an average elevation of 1,620 m, the Property is situated on a relatively flat alpine plateau, although steep, mountainous terrain flanks the Property to the south, east and west. The Mess Creek valley lies to the west at an elevation of 820 m. Drainage on the Property is both westward along small creeks to join near the head waters of Mess Creek, and eastward to small un-named tributaries which turn south, then west to join Mess Creek. Mess Creek flows north to eventually reach the Stikine River, which flows west to eventually reach the Pacific Ocean.

Most of the plateau is covered by alpine meadow with abundant, scattered, frost heaved rocks and glacial debris. The west facing slopes overlooking the Mess Creek valley consist of a mature forest of spruce, hemlock, balsam fir, pine and alder, with thick deadfall.

The climate is cold. Average summer temperature at Schaft Creek is about 13° C. The best time for exploration is late June, July and August. Some snow remains all year, and much of the area is still snow covered through June. Glaciers lie to the east, south and west at distances of less than one kilometre.

5.0 PROPERTY DESCRIPTION

The Property consists of one Mineral Titles Online (MTO) mineral claim, having a size of 1,052.09 hectares. Table 1 lists the details of the claim tenure. Figure 2 shows the location of the claim.

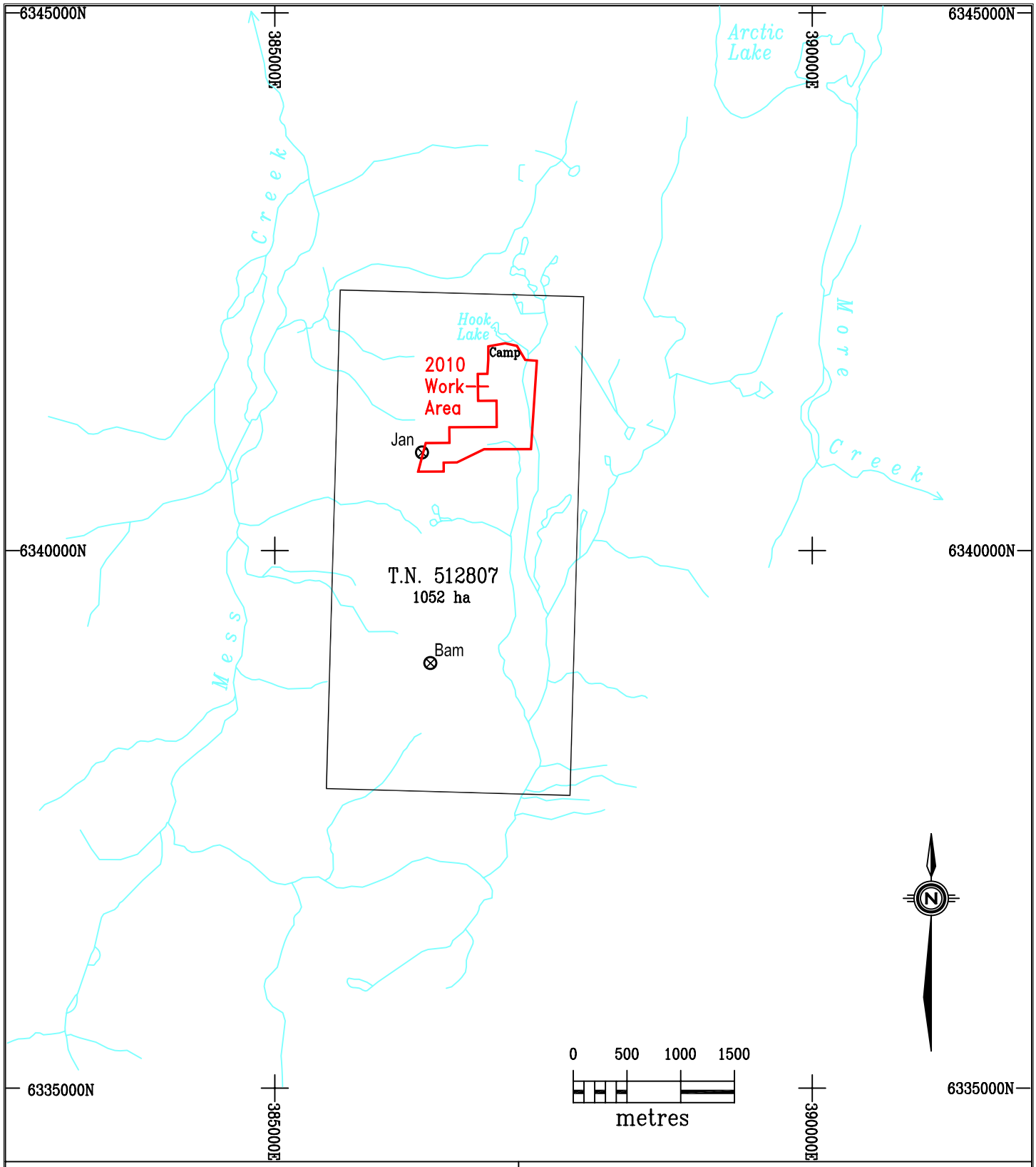
Since 2003, a small group of four 2-post claims, each 25 hectares in size and named the Bam 1-4 claim block, was located within the Property boundary. Held by another party, these 4 claims covered the Jan 1-2 prospect (Minfile 104G027). However, the ground became part of the Bam property automatically with the forfeiture of the claims on September 26, 2005. The Bam 10 prospect (Minfile 104G110) is located in the southwest part of the Property.

Assessment work for mineral tenure 512807 has been filed with the Ministry of Energy, Mines and Petroleum Resources, MTO Branch, under event #4804880, dated October 27, 2010.

Table 1: Tenure Description

Tenure Number	Area (ha)	Registered Owner	Good to Date*
512807	1052.09	Bearclaw Capital Corp.	2018/sept/07

* Good to date is dependent on the acceptance of this report.



DISCOVERY Consultants

Bearclaw Capital Corp.

Bam Property

Claim Location Map

Date:	December 15, 2010	Project:	674	Scale:	1:50,000	N.T.S.:	104G/2W	Mining Div:	Liard	Figure:	2

6.0 EXPLORATION HISTORY

Exploration began in the region in the 1950s and 1960s when Newmont Mining Corp and Silver Standard Mines conducted large-scale geochemical exploration programs in the region. The Schaft Creek porphyry copper deposit was discovered and explored by Silver Standard Mines at that time.

The Jan 1-2 (a.k.a. Bam 8) copper prospect was discovered in 1963 by Hudson Bay Exploration and Development Company Ltd. The company carried out a limited 3-hole drilling program the following year. In 1965, Kennecott Copper carried out a regional mapping program in the area (AR 695).

In 1967, Shawinigan Mining and Smelting Company Ltd. drilled 3,532 m in 31 holes on several targets in the Arctic Lake area, and outlined an unclassified resource on the Jan 1-2 prospect of 330,000 tonnes grading of 0.76% Cu within brecciated carbonates. The following year, Mitsui Mining carried out a regional mapping and silt sampling program over the area (AR 1675).

In 1972, Phelps Dodge completed a program of geological mapping, silt and soil sampling in the area of the Jan prospect, targeting possible extensions of copper mineralization (AR 4290).

In 1979, the Jan #1 and Jan #2 claims were staked by J.N. Anderson to cover the Jan prospect. These claims were maintained until August 2003 when they were forfeited. In September 2003, the prospect was re-staked as the BAM 1-4 claims by another party.

In 1984, exploration for precious metals began with Homestake Mineral Development Company (“Homestake”) carrying out a regional mapping, prospecting and rock sampling program, focusing on ground northeast of the Jan prospect (AR 12561). Chevron Canada Resources (“Chevron”) discovered gold mineralization 1 km to the south of the Jan prospect, named the Bam 10 prospect, in 1985 (AR 14859). The mineralization was found in an area of quartz veining and yielded up top 212.9 g/t Au and 15.6 g/t Au in chip samples. The following year, the company completed a program of mapping, soil sampling, geophysics and trenching (AR 15827).

In 1987, Radcliffe Resources optioned the Property from Chevron and continued the work with a program of backhoe trenching (1,000 m), rock and soil sampling, a small geophysical IP program and 837 m of diamond drilling in 9 holes, in the area of the Bam 10 prospect (AR 17570).

Eurus Resource Corp. conducted reconnaissance work in 1990 consisting of silt and grid soil sampling with minor rock sampling west of the Jan prospect along the steep western escarpment above the Mess Creek valley (AR 20802).

The Bam 1-6 claims, located to cover the Bam 10 prospect, were staked in 1995 for the Phoenix Syndicate, of Vernon, BC, and a limited program of heavy mineral stream sediment sampling, combined with rock sampling, was carried out (AR 24423). The land position was expanded in 1996 with the staking of the More 1 and 2 claims, which included the Bam 1-6 claims and continued north of the Jan showing. At this point the Jan prospect was still held under separate title by J.N. Anderson.

Later in 1996, Everest Mines and Minerals Ltd. optioned the property and performed a 603 m diamond drilling program in 6 holes in the area of the Bam 10 prospect. Best intercepts were 0.55 g/t Au across 5.65 m and 0.29 g/t Au across 18.29 m (AR 25218). They also carried out a soil sampling program, analysing for gold only. A large gold-in-soil anomaly was outlined in the north end of the Property, with gold values up to 2,550 ppb Au.

Bearclaw acquired the Property from the Phoenix Syndicate in 2004. The following year, the 1996 soils were re-analysed for base metals and other elements in a limited geochemical program by Discovery Consultants on behalf of Bearclaw (AR 27925).

Later in 2005 the BAM 1 to 4 claims, which covered the Jan prospect, were allowed to lapse. These four claims had been owned by another party and were surrounded by the Property. Under the new Mineral Titles Online staking system, these claims automatically became part of the Property. This also meant that both the Jan and the Bam 10 prospects, along the gold mineralization at the north end of the property, were consolidated under mineral tenure 512807.

7.0 GEOLOGY

7.1 Regional Geology

The Property is located in the Intermontane Belt within the Stikine Terrane. The Late Paleozoic Stikine Assemblage forms the structurally and stratigraphically lowest rocks in the area. Logan et al. (2000) has subdivided the assemblage into five divisions within the Forrest Kerr – Mess Creek area. From oldest to youngest, they are:

1. a Lower to Middle Devonian package of deformed intermediate to mafic metavolcanic tuff, flows, diorite and gabbro, recrystallized limestone, graphitic schist and quartz sericite schist
2. an Upper Devonian to Mississippian package of bimodal mafic and felsic volcanic flows and tuffs
3. a mid-Carboniferous limestone and cherty tuff unit
4. Late Carboniferous to Early Permian aphyric basalt, limestone and intermediate to felsic tuffs and flows
5. thick Early Permian carbonate

Lying unconformably above the Stikine Assemblage are the volcanic rocks of the Upper Triassic Stuhini Group. These rocks, consisting of basalt flows, breccias and tuffs lie west of the Mess Creek valley. The Stuhini Group rocks are in turn unconformably overlain by Lower Jurassic sedimentary strata, which are exposed between Arctic Lake and Mess Creek where they comprise a north-trending belt of about 35 square km in size. The strata consist of well bedded granite- and quartz-bearing conglomerates.

Quaternary rocks consist of flat-lying columnar jointed basalt flows of the Arctic Lake Formation. Unconsolidated glacial till and poorly sorted alluvium is locally abundant.

Intrusive rocks in the Forrest Kerr – Mess Creek area consist predominantly of an elongate intrusive of monzodiorite to tonalite composition, extending for more than 30 km in a north-south direction. This intrusion is subdivided into two plutons – the Late Devonian Forest Kerr pluton in the south and the younger Early Mississippian More Creek pluton to the north (Logan et al., 2000). Both are roughly the same size, of about 250 square kilometres. The More Creek pluton, which outcrops on the Property, is in fault contact on the east and west sides with country rocks. Its composition includes hornblende monzodiorite, diorite, tonalite and leucocratic phases of granodiorite and biotite trondhjemite.

A pendant of ultramafic rocks, about 200 square metres in area, crops out six km south of Arctic Lake [within the Property]. These rocks consist of massive, coarse-grained hornblende gabbro, and clinopyroxene– and biotite-hornblendite. These rocks are enclosed by the More Creek pluton and are remnants of a pre-Early Mississippian Alaskan ultramafic complex.

A narrow 2 km long belt of Middle to Late Triassic intrusives belonging to the Stikine Suite occur from the Schaft Creek deposit south along the Mess Creek valley. These intrusions consist

of a plagioclase porphyritic diorite phase, an augite monzonite phase and a granodiorite–monzonite phase.

A younger north-trending stock of plagioclase hornblende monzonite porphyry forms the eastern slope above Mess Creek. The intrusion, termed the Loon Lake stock, is Late Triassic to Early Jurassic in age and is part of the Copper Mountain Plutonic Suite.

The youngest intrusives in the area belong to the Middle Jurassic Three Sisters Suite. A narrow belt of these rocks outcrop west of Schaft Creek and comprise granite and quartz monzonite.

Figure 3 shows the regional geology of the Property, based on geological mapping by Logan et al. (1997) of the British Columbia Geological Survey ("BCGS").

The Schaft Creek calc-alkaline Cu-Mo-Au-Ag porphyry deposit lies 20 km to the north, and is jointly owned by Copper Fox Metals Inc. and Teck Resources Ltd. It has a combined measured and indicated mineral resource of 1,393,300,000 tonnes grading 0.25% Cu, 0.019% Mo, 0.18 g/t Au and 1.55 g/t Ag, as listed in a preliminary feasibility study dated September 15, 2008.

The Galore Creek alkaline Cu-Au-Ag porphyry deposit is situated 52 km to the west of the Property, and is jointly owned by Novagold and Teck Resources Ltd. It contains a combined measured and indicated mineral resource of 785,700,000 tonnes grading 0.52% Cu, 0.29 g/t Au and 4.87 g/t Ag, as stated in the National Instrument 43-101 report dated January 25, 2008.

7.2 Property Geology

The Property geology has been summarized by Diner (1987) and the following description has been modified from his report:

Stratigraphy

The Property is underlain by Upper Paleozoic volcanics and volcaniclastic rocks of the Stikine assemblage (Logan et al, 2000), which include massive greenstone, chloritic phyllites, schists and minor greywackes. The rocks are massive to well foliated, and have undergone greenschist metamorphism.

Overlying this unit is a thick sequence of Lower Permian age limestone, dolomites and minor chert, based on the locally abundant fossils of corals, crinoids and molluscs. The dolomites are locally brecciated, silicified and iron carbonated and form large orange coloured cliffs on the

west side of the Property. This unit hosts most of the copper and silver mineralization on the Jan prospect.

The carbonate unit is overlain by Upper Triassic feldspathic sandstones and volcaniclastic sandstones, limestone-bearing conglomerates, and siltstones, which in turn is overlain by Lower Jurassic polymictic pebble conglomerates, sandstones and argillites.

Small serpentinite bodies are present, which have been extensively carbonated. They are associated with finely laminated carbonaceous siltstones, greywackes and intermediate composition volcanics. A belt of these dolomitized serpentinites extends in a northwest direction from the area of the Jan prospect towards Hook Lake. Highly anomalous gold values near the serpentinites have bee noted, and may have to do with the tectonism accompanying the emplacement of these bodies.

An Early Mississippian quartz diorite to granite intrusion, part of the More Creek plutonic suite, underlies most of the eastern portion of the Property. It shows considerable variation in composition and texture, being overall more felsic–alkalic to the west. Xenoliths of the volcanics are abundant throughout the granite. The intrusive hosts the gold mineralization on the south part of the Property at the Bam 10 occurrence. At this location it is granitic, red to flesh coloured, with moderate grain size, locally porphyritic. Quartz content can be up to 40 to50% by volume, with highly variable albite (10 to 60%) and K-feldspar (10 to 35%) content. The mafic phase is biotite (1 to 2%), which is usually chloritized. Also noted are some aplite bodies, and a microgranite, which seems to be associated with the mineralized outcrops. It has conspicuous 1 to 2 mm size quartz eyes.

The youngest rocks on the Property are the Quaternary Arctic Lake olivine basalts that drape the present topography on the eastern and northern part of the Property. They are glacially polished and have preceded the last glaciation. Abundant Quaternary glacial tills cover a significant part of the Property.

Structure

The area has been affected by a series of northeast to north-northeast trending structures. Gold mineralization seems to be controlled by some of these structures. In addition, trenching and drilling have established the presence of moderate to low angle faults that locally separate the granites and the phyllites. These faults seem to postdate mineralization.

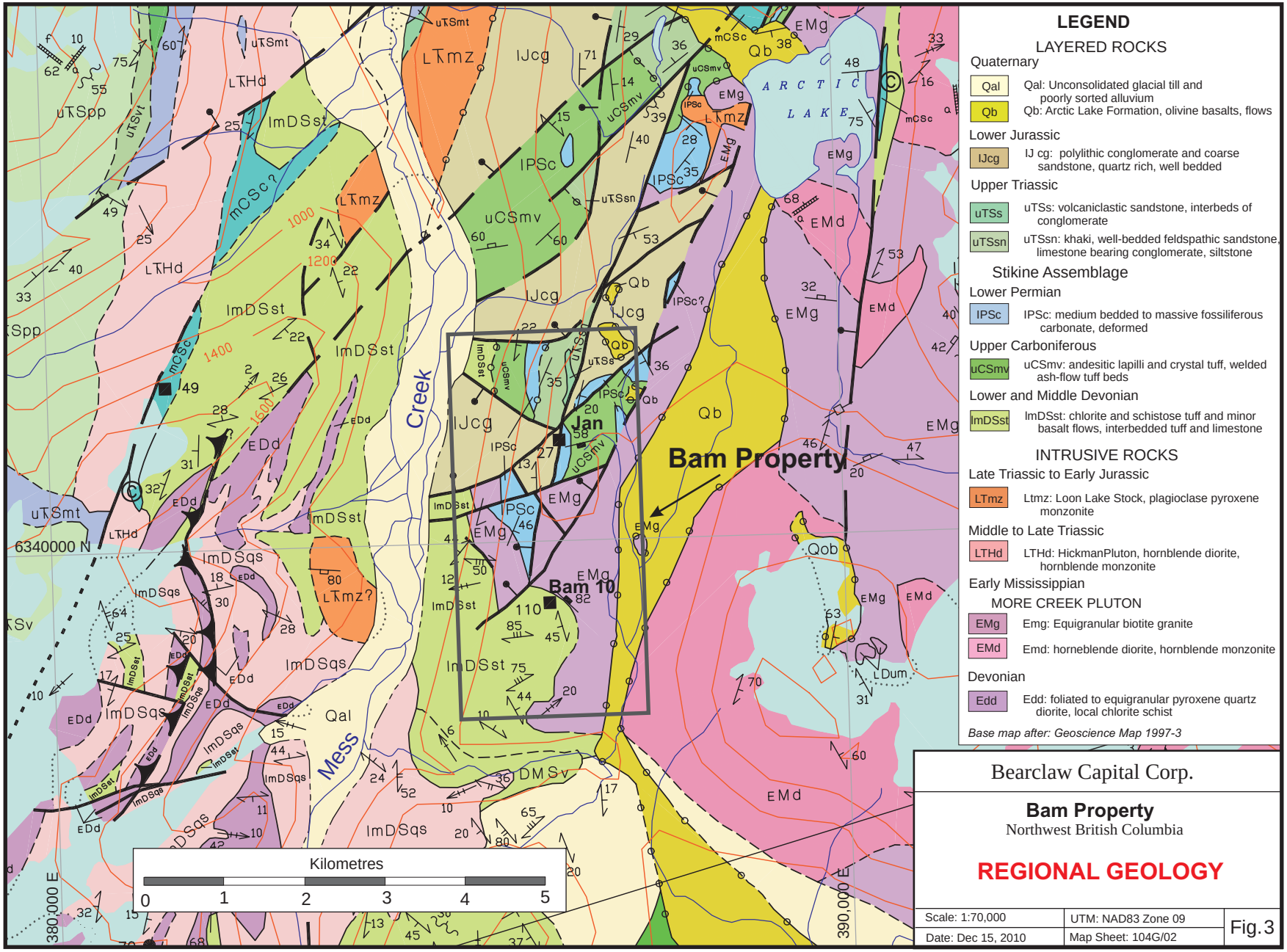
Drilling has established a 30° to 60° dip for the contact between the granite and the phyllites. These shallow contacts are in part tectonic.

Mineralization

The Jan prospect (Minfile 104G027), also known as the Bam 8 prospect, is classified as a carbonate hosted Cu-Sb-As-Zn-Ag ± Pb vein type deposit (Logan et al., 2000). Gold is rare. The host rock is the Lower Permian carbonate and limonitic brecciated dolomitic carbonate. Mineralization consists of disseminations, stringers and veinlets of tetrahedrite, with minor chalcopyrite, pyrite, sphalerite and galena. Secondary minerals include azurite and malachite. Alteration consists of dolomitization of limestone, carbonitization of volcanic rocks, sandstone and conglomerate, and hydrothermal alteration and associated quartz veining in the granitic rocks (Gillan et al., 1984). Alteration and mineralization are spatially related to north-trending regional normal faulting and secondary northeast trending splays.

The prospect is divided into two zones: the Southwest Zone contains an unclassified resource of 299,400 tonnes grading 0.76% Cu; and the East Zone contains 4,540 tonnes grading 2.45% Cu and 17.83 g/t Ag (Logan et al. 2000). The calculation was based on results from the 1967 drill program by Shawinigan Mining and Smelting Company Ltd and is non National Instrument 43-101 compliant.

The Bam 10 prospect (Minfile 104G110) is located 1 km southwest of the Jan prospect and consists of fault and shear-hosted Au±Cu±Ag veins. Gold-bearing quartz veins are hosted within Upper Mississippian granites, which intrude Devonian volcanics (schistose flows and tuffs) and lesser carbonates. The mineralized zones are podiform and associated with carbonate and sericite alteration, along with zones of silicification along north and northeast trending faults in the granite. Mineralization consists of native gold and fine-grained pyrite, with lesser chalcopyrite, galena and rare molybdenite within quartz and carbonate veinlets (AR 15827).


LEGEND
LAYERED ROCKS
Quaternary
Qal
Qal: Unconsolidated glacial till and poorly sorted alluvium
Qb
Qb: Arctic Lake Formation, olivine basalts, flows
Lower Jurassic
lJcg
lJ cg: polylithic conglomerate and coarse sandstone, quartz rich, well bedded
Upper Triassic
uTSs
uTSs: volcaniclastic sandstone, interbeds of conglomerate
uTSsn
uTSsn: khaki, well-bedded feldspathic sandstone, limestone bearing conglomerate, siltstone
Stikine Assemblage
Lower Permian
IPSc
IPSc: medium bedded to massive fossiliferous carbonate, deformed
Upper Carboniferous
uCSmv
uCSmv: andesitic lapilli and crystal tuff, welded ash-flow tuff beds
Lower and Middle Devonian
lmDSst
lmDSst: chlorite and schistose tuff and minor basalt flows, interbedded tuff and limestone
INTRUSIVE ROCKS
Late Triassic to Early Jurassic
LTmz
Ltmz: Loon Lake Stock, plagioclase pyroxene monzonite
Middle to Late Triassic
LTHd
LTHd: HickmanPluton, hornblende diorite, hornblende monzonite
Early Mississippian
MORE CREEK PLUTON
EMg
Emg: Equigranular biotite granite
EMd
Emd: horneblende diorite, hornblende monzonite
Devonian
Edd
Edd: foliated to equigranular pyroxene quartz diorite, local chlorite schist
Base map after: Geoscience Map 1997-3
Bam Property
Bam 10
Jan
Mess Creek
ARCTIC LAKE
6340000 N
380,000 E
390,000 E
Kilometres
0 1 2 3 4 5
Bearclaw Capital Corp.
Bam Property
Northwest British Columbia
REGIONAL GEOLOGY
Scale: 1:70,000
Date: Dec 15, 2010
UTM: NAD83 Zone 09
Map Sheet: 104G/02
Fig. 3

8.0 SOIL GEOCHEMISTRY

An in-fill soil sampling program and a limited geological mapping and rock sampling program was performed over the north part of the Property from September 21 to 29, 2010. The objective of this work is to follow up gold-in-soil anomalies in the north part of the Property that had been delineated in the 1996 exploration program by Everest Mines and Minerals Ltd. This previous work had consisted of 200 m lines with 50 m stations and had resulted in ten gold-in-soil anomalies in the north end of the property.

8.1 Sampling Method and Approach

The area located between Hook Lake and the Jan prospect was selectively soil sampled at an interval of 50 m of in-fill lines with a 50 m spacing. Detailed mini-grids of 25-m spaced lines and 25-m stations were also done at eight of the ten 1996 gold-in-soil anomalies. Because of time constraints, two gold-in-soil anomalies at the eastern end of L700S were not investigated.

The field work was hampered by unfavourable weather conditions. Continuous hard driving rain/snow, fog and occasional blowing snow slowed down the work. Although geological mapping had been planned on the Jan prospect, the limited length of the field season, the small size of crew and the difficult weather conditions resulted in the work being focused on the collection of soil samples.

The samples were collected at 10 to 40 cm depth, generally sampling the B horizon. Several samples sites lacked good soil development and contained a higher quantity of talus fines. The B horizons were generally red-brown to brown and composed of silty clay and occasionally sand. The soil collected is believed to be modified till.

In total, 236 soil samples were collected in kraft waterproof brown paper bags, placed in rice bags and shipped via a bonded transport company to Acme Analytical Laboratories in Vancouver, BC.

8.2 Sample Preparation, Analysis and Quality Control

The soil samples were dried at 60°C and sieved to -80 mesh (177 microns particle size). A 30.0 gram sub-sample was digested in hot (95°C) aqua regia (HCl-HNO_3-H_2O); following this, the samples were analysed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques (Acme's Group 1DX). Analysis of 36 elements was made. The analytical results of the soils samples are shown in Appendix I.

Gold values for six samples were not initially reported because of interference from tantalum.

At concentrations > 0.1 ppm Ta, the element interferes with gold in ICP-MS analyses. These samples were re-analysed for gold using a fire assay with ICP emission spectroscopy (ICP-ES) finish (Acme's Group 3B01).

Quality control samples from the lab include analytical blank samples (BLK), duplicates and standard samples (DS7). Duplicate samples were analysed; all indicate good precision for gold values.

8.3 Results

Table 2 shows the classification for gold, copper, silver, antimony and arsenic, along with percentiles for each classification. Probability plots of the geochemical values of the 2010 soil samples were used to help determine these classifications. Because these samples are follow-up samples in areas of known gold-in-soil anomalies, the geochemical values are higher than would be obtained in a reconnaissance type soil survey. Therefore, the classification levels are termed "high" to "low" as opposed to "anomalous", "threshold" and "background". Figure 4 is an index map showing the location of the grids. Figures 5 to 10 show the sample locations and the geochemical values for gold, copper, antimony, arsenic and silver. Figures 11 to 15 are bubble maps based on Table 2.

Table 2: Geochemical Classification of Follow–Up Soils

Levels	Gold (ppb)	%ile	Copper (ppm)	%ile	Silver (ppm)	%ile	Antimony (ppm)	%ile	Arsenic (ppm)	%ile
	>700	97								
High	70-700	86	>350	98	>3.0	98	>80	96	>450	95
	45-69	80	260-350	96	2.0-3.0	96	30-80	82	80-450	76
	20-44	64	115-259	79	0.9-1.9	90	20-29	74	50-79	64
Low	<20		<115		<0.9		<20		<50	

Eight follow-up grids were established, centred at the sites of the 1996 gold-in-soil anomalies. These historic anomalies ranged from 280 to 2,550 ppb Au. It should be noted that the 1996 grid coordinates were not defined by GPS coordinates and there was little to no evidence of the old grid.

The 2010 follow-up work is summarized from north to south in Table 3. Grids are 25 m by 25 m. Grids at two locations were not done because of time constraints.

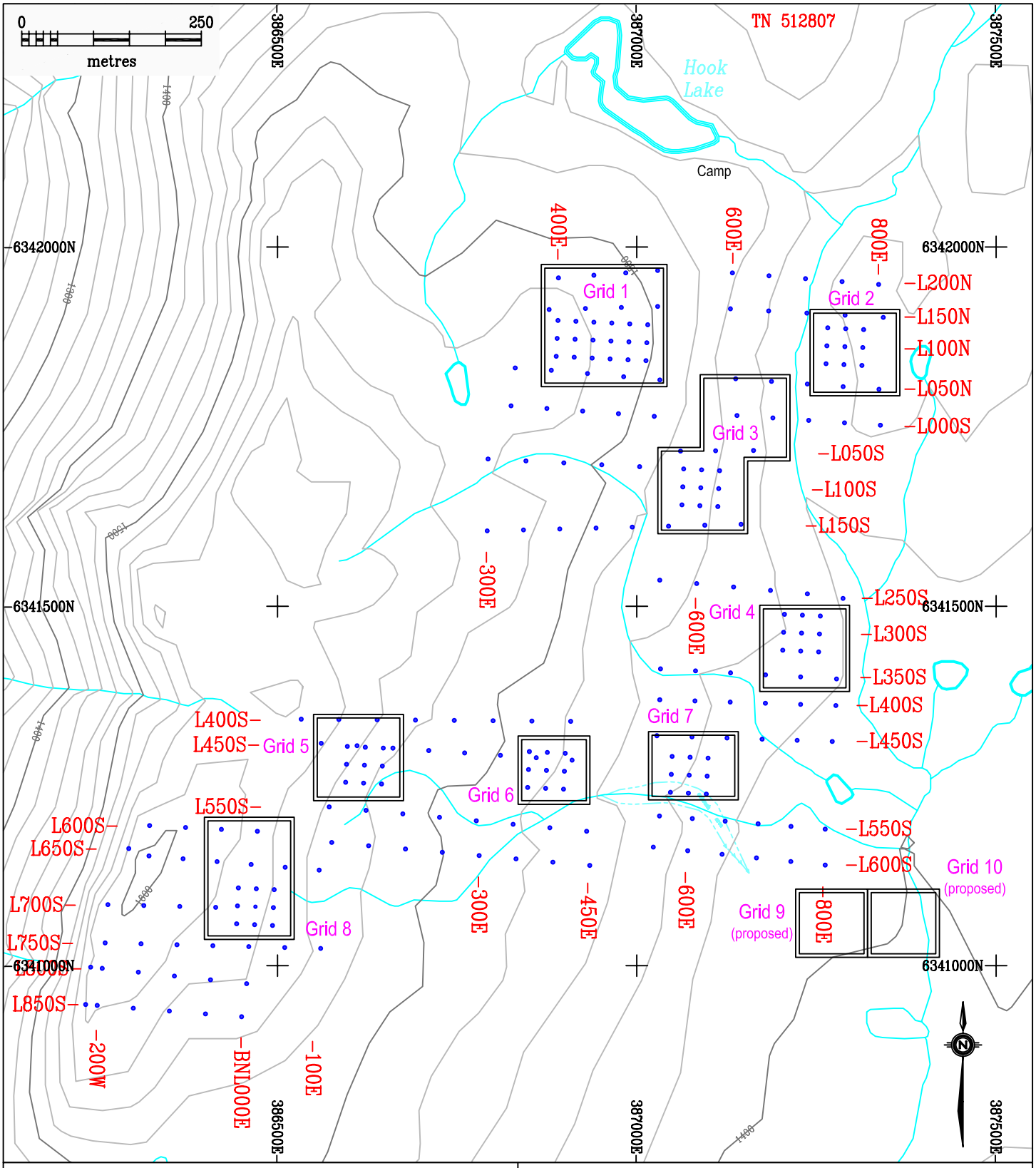
Table 3: Summary of Follow–Up Grids

Grid #	**Site of 1996 gold-in-soil anomaly** (200 m by 50 m grid)	**2010 Follow–up grid** (25 m by 25 m grid)
1	L100N, 500E, 450E	High gold-antimony-arsenic ± copper. It continues north to L200N. It remains open to the north
2	L100N, 800E, 750E	No significant gold values. Other elements are also not significant
3	L100S, 600E	High gold-silver-arsenic-antimony ± copper, which continue north to L050N. It remains open to the north and southeast
4	L300S, 750E	No significant gold values. Other elements are also not significant
5	L500S, 150E	High gold–arsenic–antimony ± copper. It continues north to L400S. It remains open to the north, east and west
6	L500S, 400E	No significant gold values. Other elements are also not significant
7	L500S, 600E	No significant gold values. Other elements are also not significant
8	L700S, Baseline (Jan prospect)	High copper–antimony-arsenic-gold ± silver. Anomalous gold extends to the north (L600 S) and south (L725 S)
9	L700S, 800E	No work done
10	L700S, 900E	No work done

The following observations have been made:

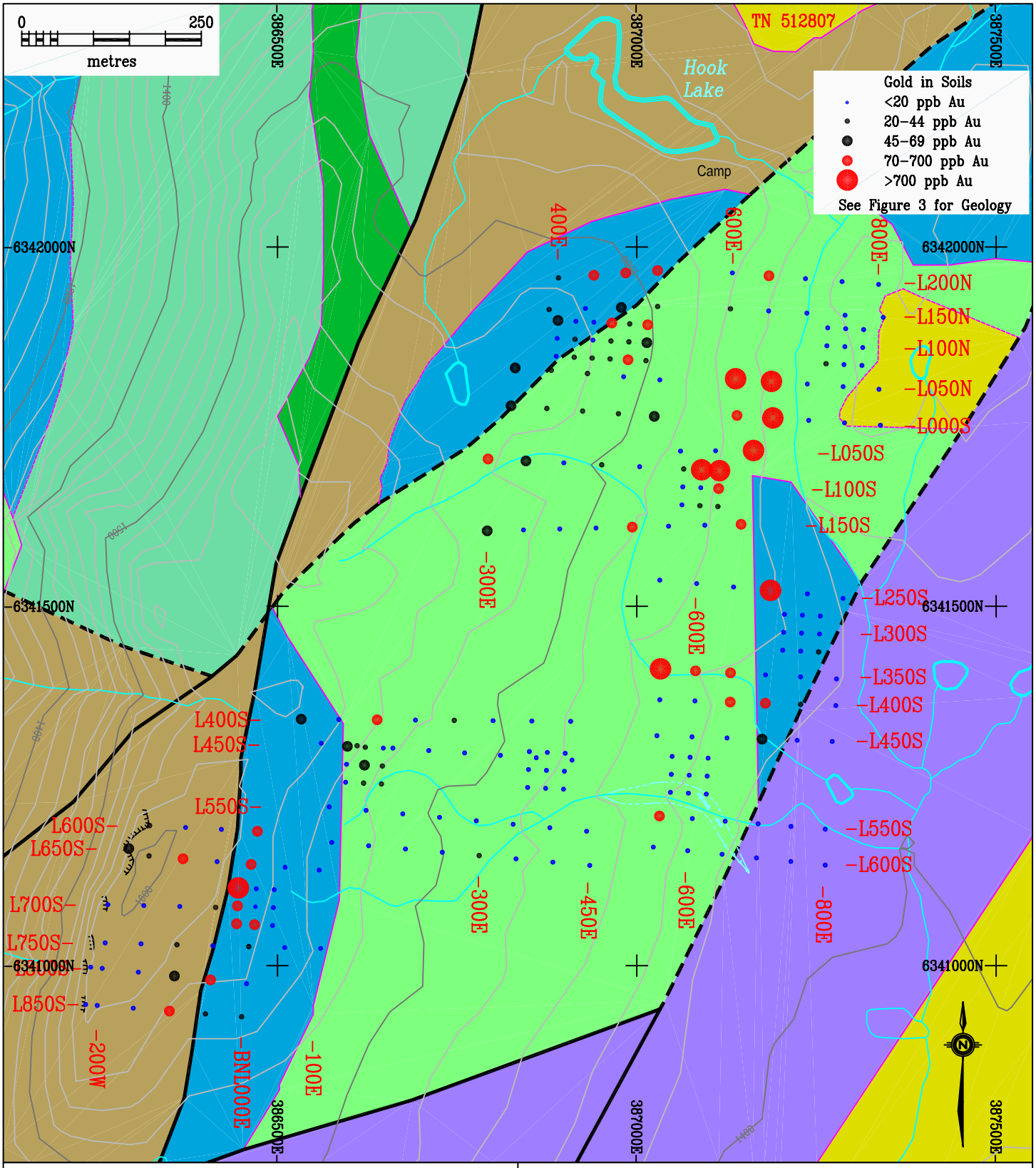
- The 25 m by 25 m grid sampling 2, 4 6 and 7 was a follow up of single high gold values. The exact locations of these high samples from 1996 could not be determined in the field.
- Gold and other elemental values are not significant on grids 2, 4, 6 and 7. The lack of confirmation of previous anomalous samples may be due to sampling problems due to nugget effects or that the follow-up grids were not located over the 1996 anomalies.
- Grid 2 was mostly underlain by Quaternary basalts. However, several samples collected along L350S and L400S between grids 4 and 7 are high in gold and arsenic
- Soils containing high levels of copper occur in the area of the Jan showing (grid 8). 17 samples in this area have values of >115 ppm; of these 5 are >350 ppm. The highest values are 2567 and 1470 ppm Cu
- Copper is only moderately high on grids 1, 3 and 5, which all host multi-element gold-antimony-arsenic anomalies
- Gold values in soils are unexpectedly high in the Jan showing. Highest values are 1254, 492, 474, 234 and 148 ppb Au. Previous rock sampling has generally yielded low gold values
- Grid 1 lies on a regional fault, as mapped by Logan et al. (1997). The grid contains elevated gold-arsenic-antimony ± copper soil values

- Silver is high in grid 8 (Jan showing) and in an area from grid 3 north to L050N. In this area, five samples have values of >3.0 ppm Ag with a maximum of 4.3 ppm Ag
- High arsenic and antimony values in rocks and soils are likely due to the presence of tetrahedrite–tennantite mineralization.
- High mercury values correlate with high copper, antimony and arsenic values, likely within the minerals tetrahedrite and tennantite.



DISCOVERY Consultants	Bearclaw Capital Corp.
Bam Property	2010 Geochem Grid Grid Area Index Map

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
December 15, 2010	674	1:7500	104G.016,026	Liard	4



DISCOVERY Consultants

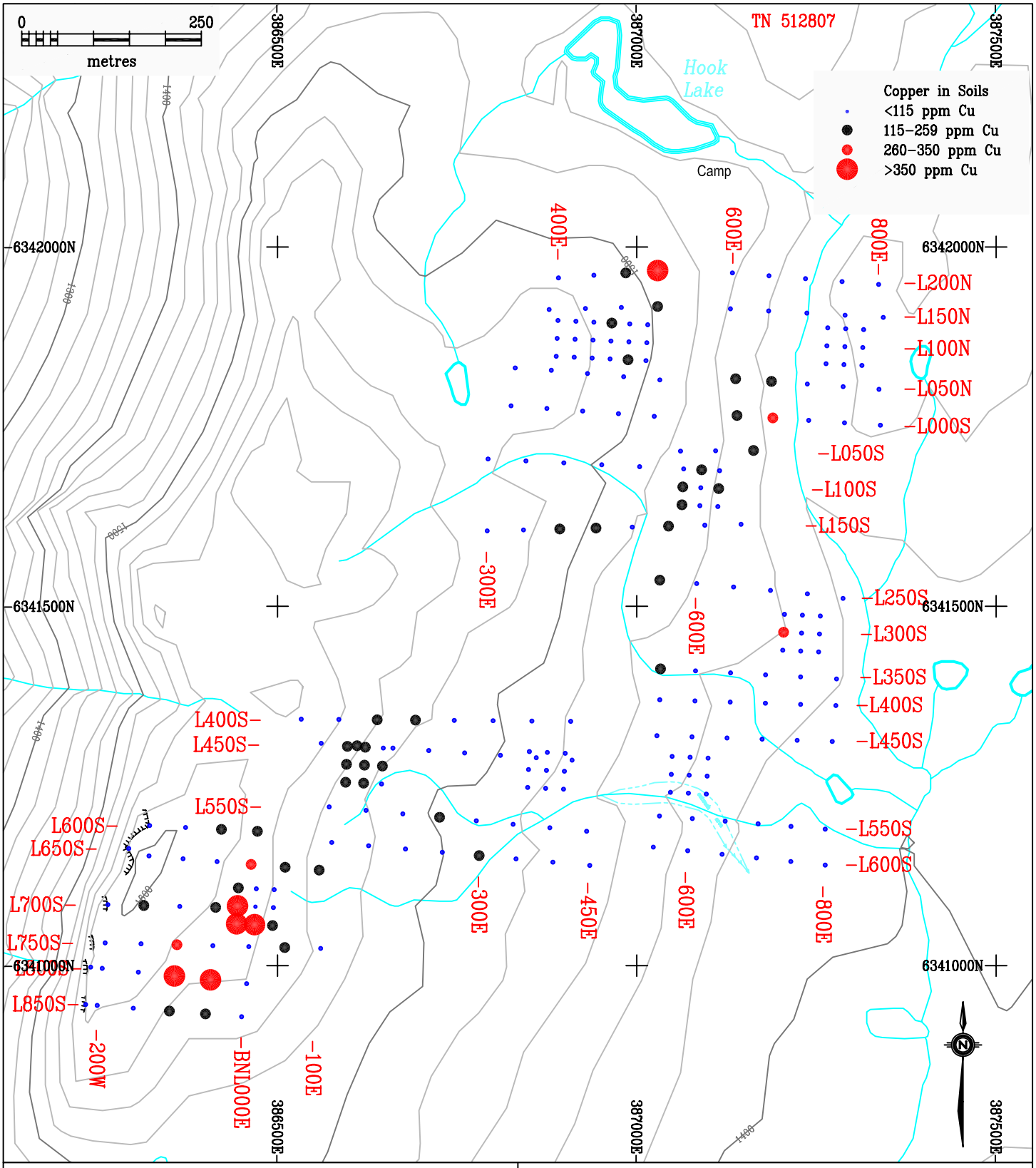
Bearclaw Capital Corp.

Bam Property

2010 Geochem Grid

Gold in Soils

Date:	December 15, 2010	Project:	674	Scale:	1:7500	N.T.S.:	104G.016,026	Mining Div:	Liard	Figure:	11



DISCOVERY Consultants

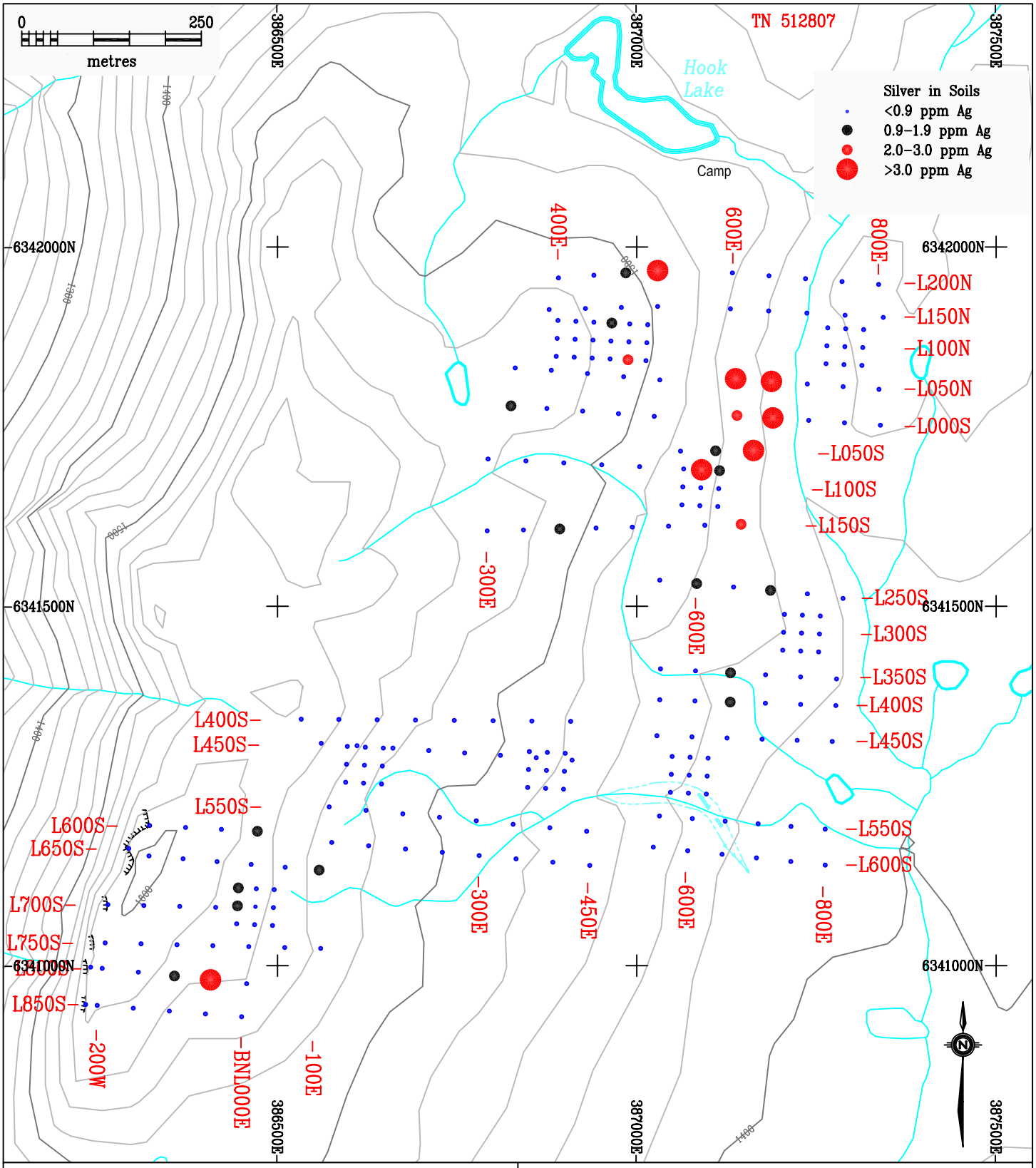
Bearclaw Capital Corp.

Bam Property

2010 Geochem Grid

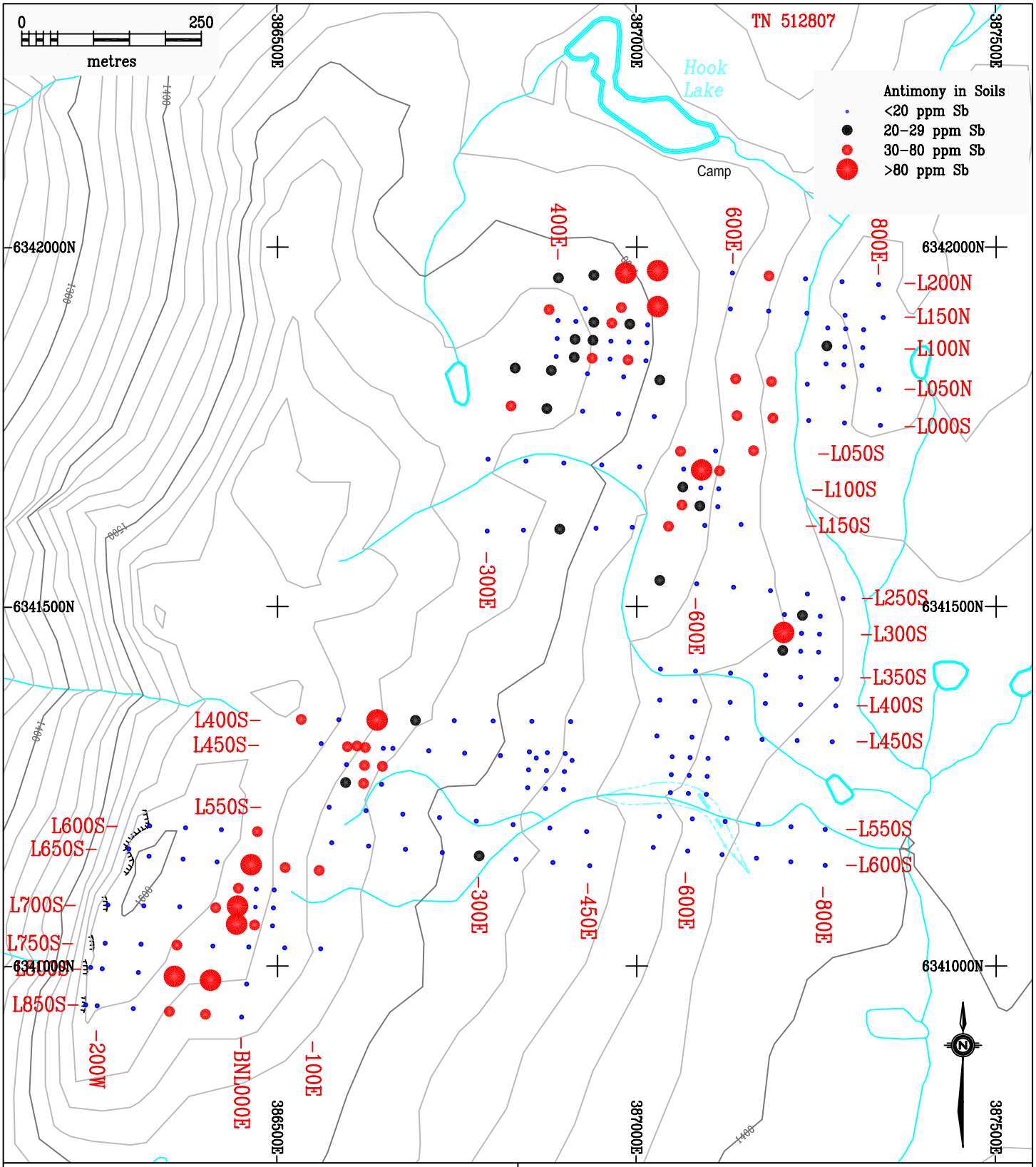
Copper in Soils

Date:	December 15, 2010	Project:	674	Scale:	1:7500	N.T.S.:	104G.016,026	Mining Div:	Liard	Figure:	12



DISCOVERY Consultants	Bearclaw Capital Corp.
Bam Property	2010 Geochem Grid Silver in Soils

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
December 15, 2010	674	1:7500	104G.016,026	Liard	13



DISCOVERY Consultants

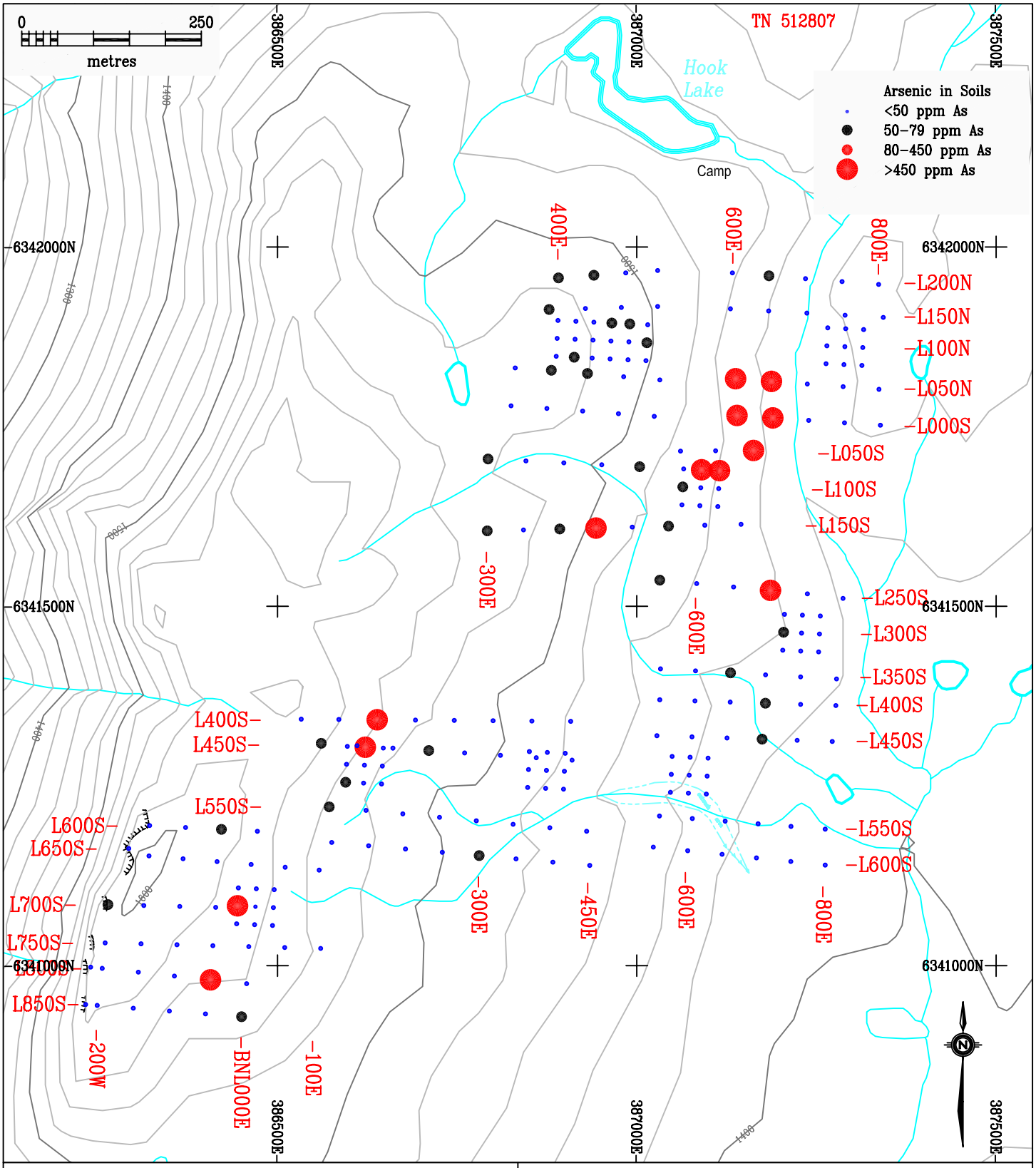
Bearclaw Capital Corp.

Bam Property

2010 Geochem Grid

Antimony in Soils

Date:	December 15, 2010	Project:	674	Scale:	1:7500	N.T.S.:	104G.016,026	Mining Div:	Liard	Figure:	14



DISCOVERY Consultants	Bearclaw Capital Corp.
Bam Property	2010 Geochem Grid Arsenic in Soils

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
December 15, 2010	674	1:7500	104G.016,026	Liard	15

9.0 PROSPECTING and ROCK GEOCHEMISTRY

9.1 Sampling Method and Approach

The work program was carried out by Discovery personnel for 2 to 3 days between September 21 and 29, 2010. Work focused in two areas: the newly acquired Jan prospect in the central north part of the Property; and the gold showing in the area south of Hook Lake. Historic work in this area had been done by Radcliffe Resources in 1987, by Chevron in 1986 and by Homestake in 1984.

In total, 31 rock samples were collected and sent via a bonded transportation company to Acme Analytical Laboratories in Vancouver, BC. Rock descriptions are given in Appendix II.

Most rocks collected are grab samples taken from outcrop. A few are float samples collected near source. Grab samples generally represent the best mineralized material present.

9.2 Sample Preparation, Analysis and Quality Control

Samples preparation involved crushing up to 1 kg of rock to -10 mesh (2 mm particle size), then pulverizing a 250 g split to -200 mesh (74 microns particle size). The acid digestion procedures were done in the same manner as the soil samples described above. A 30.0 g sub-sample was analyzed by ICP-MS techniques (Acme's 1DX, 36 elements). Appendix III gives the analytical values.

Over-limit analyses (Acme's 7AR method) were performed for the following elements: Cu, Pb, Zn, As and Sb. This method involves the analysis of a 0.4 g sample by ICP-ES techniques for high grade rock samples. Over–limit analyses for silver were done using a 30 g sub-sample with fire assay techniques and a gravimetric finish (method 6 Ag 30g). Note that over-limit Hg analysis was not performed.

Quality control samples from the lab include control blanks, duplicates and standards. One sample blank (BLK), two lab solution blanks (G1) and two standards (STD DS7) were run with the batch analysis; no problems were noted with analytical accuracy or precision.

Field standards and field blanks were not inserted into the sample batches because of the reconnaissance nature of the work.

9.3 Results

Figures 13 and 14 show the locations of the rock samples and the gold, copper, silver, antimony and arsenic geochemical results. An area of about 250 m by 40 m wide, trending to the northwest, was prospected in the vicinity of the Jan prospect and eleven rock samples were collected. Copper mineralization is typically along fractures and consists of black copper oxides, most likely chalcocite, with minor tetrahedrite. Malachite and azurite are abundant on several samples. The host lithologies are very rusty carbonates: typically dolomitic limestones along with lesser carbonate-rich shales and cherts, all having strong limonite (Fe) alteration on weathered surfaces. Some carbonates also display strong silicification. Highest copper values are 18.01% Cu (674RT009) and 4.37% Cu (674RT008), taken within a historic trench. 50 metres to the southwest, two samples (674RT003 and 004) ran 7.98% and 3.41% Cu. Other samples ran 6937, 4255, 3304 and 458 ppm Cu.

Gold values in rocks in the vicinity of the Jan prospect are negligible except for one sample that carries 295 ppb Au. These rocks are also high in zinc (2.66% Zn); in silver (159 g/t Ag); in arsenic (up to 3.75% As); in antimony (1.8% and 7.6% Sb); in mercury (>50 ppm Hg) and low in lead (0.1% Pb). Known mineralization at the Jan prospect includes tetrahedrite and tennantite. These minerals, which form a solid solution series, typically also contain Ag, Fe, Zn ± Hg in the crystal lattice.

A second anomalous area is the area south of Hook Lake, where 12 samples were collected. Rocks are similar to those on the Jan prospect and consist of dolomitic limestones, shales and chert with limonitic alteration and occasional azurite and malachite staining. Best copper values are 0.54%, 0.41% Cu and 1,578 ppm Cu within rocks having azurite and malachite as fracture fill.

Three rock samples had gold values of 1,248, 322 and 288 ppb Au (674RT018, RM011 and RM007). Gold appears to be associated with cherty lithologies or with siliceous alteration of carbonates. One sample (674RM011) contained moderately high lead values of 0.36% Pb and antimony values of 0.39% Sb.

10.0 DISCUSSION AND CONCLUSIONS

There were many difficulties in collecting representative soils. The Property is situated on a plateau that has tundra-like conditions and has been influenced by multiple phases of alpine glaciation. This has resulted in

- areas of poorly developed soil horizons
- areas consisting predominately of talus fines with little to no soil
- repeating horizons of organics, sand, mud and till likely representing several episodes of glaciation
- large areas of outwash, consisting of mud flows and large sand piles

Gold and other elemental values are not significant on grids 2, 4, 6 and 7. The lack of confirmation of previous anomalous samples may be due to sampling problems due to nugget effects or that the follow-up grids were not located over the 1996 anomalies.

Interpretation of the soil geochemistry is not straight forward. However, despite the limitations, the 2010 soil grids show the presence of several areas having elevated gold-arsenic–antimony± copper±silver signatures.

Part of the Jan prospect is covered by grid 8, which outlined a copper–antimony–arsenic-gold±silver geochemical anomaly. The area south of Hook Lake (grids 1 and 3) is also covered by a gold–antimony–arsenic±copper anomaly.

A gold-arsenic soil anomaly lies between grids 4 and 7 on L350S and L400S and 650E

Rock sampling has confirmed historic work done on the Jan prospect as well as the copper±gold mineralization found south of Hook Lake.

The source of the gold in the soil samples is not known, as the rock sampling generally returned low gold values. High gold values are not related to the tetrahedrite mineralization. The highest gold value (1248 ppb) is from an iron-rich cherty rock that may be a silicified carbonate.

11.0 RECOMMENDATION

Further work is warranted on the Property and should include a large-scale mapping and rock sampling program to determine the source of the anomalous gold in soils, which appear not to be related to the tetrahedrite (Cu-Ag-Sb-As-Hg) mineralization. Special emphasis should be given to structural and lithological controls on the mineralization.

Quaternary mapping would also be helpful in sorting out the Quaternary history of the Property with respect to lithologies, till and soil types. Also, a Quickbird satellite map covering the area of the Property would be helpful in deciphering the glaciation history.

In-fill soil sampling at grids 9 and 10, between grids 1 and 2 and between grids 4 and 7 is warranted to better define the elevated gold values in soils.

Any future program should be targeted for the months of July and August to maximize on better weather conditions.

Respectfully submitted,

Original Signed by Author

_____

A. Koffyberg, PGeo
Discovery Consultants
Vernon, BC
Dec 15, 2010

12.0 REFERENCES

British Columbia Ministry of Energy, Mines and Petroleum Resources: Assessment Reports #695, #1675, #4290, #11,515, #12,561, #14,859, #15,827, #17,570, #20,802, #24,423, #25,218, #27,925

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Souther, J.S. (1971): Telegraph Creek Map, British Columbia, Geological Survey of Canada Map 11-1971, scale 1:250,000

13.0 STATEMENT OF COSTS

1. Professional Services

W.R. Gilmour, PGeo			
Planning, Data Interpretation, Report Writing/Editing			
2.0 days @	$700 per day	$1,400.00	
T.Carpenter, PGeo			
Planning			
1.0 day @	$700 per day	700.00	
R.A. Tilsley, PGeol	(Sept 21 - 29)		
Field Program			
9.0 days @	$700 per day	6,300.00	
A. Koffyberg, PGeo			
Report Writing, Data Interpretation			
90.0 hrs @	$90 per hr	8,100.00	
		---	$16,500.00

2. Personnel

Field			
Soil Sampling			
R. Mitchell	(Sept 21 - 29)		
9.0 days @	$545 per day	4,905.00	
G. Heizmann	(Sept 21 - 25, 27 - 28)		
7.0 days @	$335 per day	2,345.00	
		---	7,250.00
Office			
Drafting		2,200.00	
Data Compilation		673.75	
Field Support		522.50	
Secretarial		495.00	
		---	3,891.25

3. Expenses

Analysis					
Acme Analytical Labs					
Rock - 32 elements, 30g ICP-MS					
31 sample @	$28.60 per sample		$886.60		
Rock overlimit analysis			148.00		
Soil - 32 elements, 30g ICP-MS					
236 samples @	$22.90 per sample		5,404.40		
Freight			146.82		
			----------	6,585.82	
Communications				2.23	
Maps & Publications				33.00	
Equipment Rental				195.00	
Field Supplies				176.73	
Lodging & Meals				1,182.69	
4. Transportation					
4x4 trucks	10 days @	$45 per day	450.00		
Mileage	4892 km @	50 ¢ per km	2,446.00		
fuel			730.34		
Helicopter			3,582.00		
			----------	7,208.34	
Office				218.32	
Discovery Consultants Management Fee				1,980.50	
				----------	17,582.63

				Exploration Expenditures:	$45,223.88
5. Corporate Mamangement Fee @ 10%					4,522.39

				Total Exploration Expenditures:	**$49,746.27**

14.0 STATEMENT OF QUALIFICATIONS

I, Agnes Koffyberg, PGeo, of Discovery Consultants, 201-2928 29th Street, Vernon, BC,

DO HEREBY CERTIFY that:

1. I am a geologist in mineral exploration and am employed by Discovery Consultants, Vernon, BC.

2 I graduated with a B.Sc. degree in combined Geological Sciences/Chemistry from Brock University in 1987. In addition, I have obtained a M.Sc. in Geology from the University of Alberta in 1994.

3. I am a member of the Association of Professional Engineers and Geoscientists of BC, registration number 31384.

4. I have worked as a geologist for a total of 13 years since graduation from university.

5. This report is based upon knowledge of the Property gained from a review of existing industry and government reports.

Signed and dated this fifteenth day of December, 2010 in Vernon, BC

Original Signed by Author

Agnes Koffyberg, PGeo

Discovery Consultants

APPENDIX I

Soil Geochemistry

APPENDIX I - Soil Geochemistry

Bearclaw Capital Corp.

Soil Sample Results (2010)

Project 674
Bam Property

* Au analysed by FA ICP-ES
** Sample analysed by 1DX15

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S540	VAN10005230	386891	6341957	L200N	400E	23.3	77.2	0.3	21.4	52.4	0.12	2.1	13.4	214	0.9	0.101	92.9
674S541	VAN10005230	386940	6341961	L200N	450E	78.1	61.0	0.4	24.4	68.0	0.11	1.8	11.8	193	0.9	0.079	93.5
674S542	VAN10005230	386985	6341964	L200N	500E	78.5	82.0	1.2	129.1	229.7	0.44	2.1	89.9	195	1.6	0.105	71.2
674S543	VAN10005230	387029	6341967	L200N	550E	149.3	152.1	9.1	>2000.0	537.6	1.40	3.3	3931.7	1800	35.1	0.092	131.1
674S581*	VAN10005230	387133	6341964	L200N	600E	9.0	10.9	<0.1	1.4	15.0	0.10	2.7	8.9	68	0.2	0.066	16.9
674S582	VAN10005230	387184	6341960	L200N	650E	80.9	65.9	0.4	51.6	85.8	0.22	2.1	33.3	94	0.2	0.098	24.8
674S583	VAN10005230	387235	6341956	L200N	700E	9.7	11.7	<0.1	1.3	44.8	0.07	1.8	8.7	89	0.1	0.070	29.1
674S584	VAN10005230	387286	6341952	L200N	750E	3.9	5.9	<0.1	0.7	56.7	0.05	0.5	2.8	52	0.1	0.076	44.1
674S585	VAN10005230	387337	6341948	L200N	800E	1.2	4.4	<0.1	0.5	25.4	0.03	1.6	5.8	87	0.2	0.059	23.1
674S539	VAN10005230	386878	6341913	L150N	400E	37.0	67.8	0.7	40.0	62.3	0.43	2.8	10.0	165	0.9	0.084	77.9
674S538*	VAN10005230	386929	6341914	L150N	450E	7.0	16.9	<0.1	3.2	18.0	0.10	4.1	11.8	102	0.4	0.056	16.3
674S537	VAN10005230	386978	6341916	L150N	500E	66.9	80.3	0.5	36.4	95.1	0.24	1.5	10.9	143	0.6	0.048	102.9
674S536	VAN10005230	387029	6341917	L150N	550E	38.6	97.0	0.5	135.2	182.1	0.84	1.3	11.9	203	1.5	0.062	117.4
674S580	VAN10005230	387130	6341914	L150N	600E	35.5	48.5	0.2	4.9	32.0	0.28	1.8	11.9	102	0.2	0.085	76.3
674S579	VAN10005230	387184	6341911	L150N	650E	3.2	9.3	<0.1	1.0	39.6	0.08	0.6	4.3	78	<0.1	0.037	34.2
674S578	VAN10005230	387237	6341908	L150N	700E	3.6	7.6	<0.1	0.8	36.1	0.04	1.6	6.7	78	0.2	0.062	34.8
674S577	VAN10005230	387290	6341905	L150N	750E	5.7	6.4	<0.1	0.6	20.5	0.07	3.0	5.1	74	0.2	0.082	11.4
674S576*	VAN10005230	387343	6341902	L150N	800E	2.0	5.8	<0.1	0.5	30.1	0.02	2.3	6.7	88	0.1	0.072	24.9
674S497	VAN10005230	386890	6341898	L125N	400E	48.4	83.1	0.6	18.8	51.3	0.35	1.8	15.1	214	0.8	0.113	109.0
674S498	VAN10005230	386915	6341897	L125N	425E	14.3	41.5	0.2	17.2	54.6	0.23	1.7	12.0	217	0.4	0.109	70.8
674S499 **	VAN10005230	386940	6341895	L125N	450E	14.5	47.8	0.3	23.2	61.3	0.19	1.5	11.9	234	0.8	0.088	105.4
674S500	VAN10005230	386965	6341894	L125N	475E	141.5	61.8	1.1	59.3	161.3	1.72	1.6	12.2	217	1.1	0.059	184.2
674S545	VAN10005230	386990	6341893	L125N	500E	44.0	73.6	0.5	25.2	67.1	0.43	1.4	15.4	179	0.8	0.087	96.6
674S471	VAN10005230	387266	6341887	L125N	725E	15.6	14.9	<0.1	1.3	51.5	0.08	1.4	8.2	88	0.1	0.088	27.2
674S472	VAN10005230	387291	6341886	L125N	750E	<0.5	5.9	<0.1	0.7	28.0	0.05	1.5	5.1	97	0.1	0.077	30.2

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S540	18.7	27	7.92	980	64	2.56	1.62	24	127	0.06	0.023	1.44	0.1	3	7	21	<0.05	6.0
674S541	18.1	26	7.57	1102	63	1.32	1.04	19	109	0.07	0.038	1.38	<0.1	3	6	23	0.10	6.7
674S542	17.7	38	5.33	579	78	0.39	0.56	16	120	0.08	0.027	1.38	0.1	3	6	19	0.05	7.6
674S543	28.0	63	5.80	871	111	0.54	0.51	15	175	0.06	0.019	1.58	<0.1	3	7	16	0.09	11.5
674S581*	5.8	23	3.94	386	46	0.18	0.20	8	80	0.06	0.050	2.54	0.3	2	15	22	0.05	2.7
674S582	9.1	31	4.58	532	81	0.16	0.28	10	127	0.07	0.015	2.29	0.2	4	10	20	0.11	4.5
674S583	14.3	35	4.01	583	73	0.22	0.62	24	126	0.05	0.031	2.48	0.2	3	11	30	<0.05	6.4
674S584	19.2	32	3.50	865	66	0.30	1.16	19	63	0.03	0.024	1.45	<0.1	2	4	11	<0.05	5.8
674S585	15.7	30	4.25	972	81	0.23	0.72	20	131	0.05	0.038	2.22	0.1	3	9	14	0.06	3.5
674S539	15.2	32	7.31	1086	71	0.65	0.41	15	308	0.04	0.011	1.49	<0.1	1	6	32	<0.05	6.5
674S538*	4.6	12	4.71	531	21	0.13	0.13	4	77	0.05	0.036	4.03	0.4	3	22	54	0.09	2.0
674S537	24.9	33	7.76	1868	72	2.07	1.31	20	160	0.08	0.019	1.36	<0.1	3	5	16	0.12	7.9
674S536	23.6	25	8.29	2073	58	2.92	1.64	23	193	0.06	0.019	1.19	<0.1	3	5	18	0.14	5.6
674S580	9.9	38	5.51	723	64	0.34	0.37	10	122	0.07	0.015	2.50	0.2	2	12	24	<0.05	3.5
674S579	11.3	35	3.98	475	75	0.35	0.92	31	280	0.07	0.019	2.28	0.1	2	8	10	<0.05	5.3
674S578	16.8	38	4.21	788	82	0.33	0.86	27	189	0.05	0.032	2.44	0.1	2	9	25	<0.05	5.8
674S577	7.7	21	3.86	718	64	0.10	0.27	8	38	0.05	0.013	3.24	0.2	2	12	12	0.06	2.3
674S576*	15.0	32	4.48	866	81	0.22	0.75	17	94	0.07	0.065	2.81	0.1	2	11	21	<0.05	4.3
674S497	17.3	27	10.93	1921	60	1.58	0.77	16	215	0.04	0.011	1.44	0.2	8	5	29	0.05	7.2
674S498	12.3	29	7.46	810	63	0.58	0.43	14	95	0.06	0.024	2.00	0.1	2	9	23	0.08	5.4
674S499 **	18.2	25	10.00	1617	54	0.76	0.56	14	169	0.05	0.018	1.97	0.1	<20	8	29	0.08	5.6
674S500	24.6	24	13.00	3403	63	0.82	0.75	15	172	0.04	0.013	1.27	<0.1	2	5	32	<0.05	7.5
674S545	20.3	28	8.84	2203	64	1.33	0.78	17	155	0.06	0.015	1.40	0.1	3	7	27	0.11	6.5
674S471	15.9	33	4.06	753	85	0.24	0.77	20	106	0.06	0.036	2.45	0.1	2	10	22	0.06	6.4
674S472	17.6	30	4.11	1005	84	0.22	0.87	18	52	0.05	0.033	2.07	<0.1	1	9	11	0.08	3.8

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S540	0.7	<0.2	2.0	0.116	0.2	0.7	0.2
674S541	0.7	<0.2	2.7	0.107	0.2	0.8	0.2
674S542	0.8	<0.2	2.2	0.084	0.3	1.2	0.3
674S543	0.9	<0.2	1.4	0.066	1.2	1.2	0.1
674S581*	<0.5	<0.2	1.3	0.093	<0.1	1.6	0.3
674S582	0.5	0.5	0.6	0.015	0.3	1.4	0.3
674S583	0.7	<0.2	3.6	0.179	<0.1	1.7	0.3
674S584	<0.5	<0.2	1.7	0.172	<0.1	0.6	<0.1
674S585	<0.5	<0.2	1.5	0.202	<0.1	0.8	0.1
674S539	1.7	<0.2	0.9	0.013	0.2	1.5	0.2
674S538*	1.1	<0.2	4.6	0.065	0.2	2.9	0.7
674S537	0.8	<0.2	1.1	0.036	0.2	0.5	0.2
674S536	0.9	<0.2	0.9	0.052	0.3	0.5	0.2
674S580	1.2	<0.2	1.1	0.025	0.2	1.4	0.2
674S579	0.6	<0.2	1.4	0.073	<0.1	1.3	0.2
674S578	0.7	<0.2	2.8	0.176	<0.1	1.3	0.2
674S577	0.9	<0.2	0.4	0.112	<0.1	1.0	0.2
674S576*	<0.5	<0.2	2.9	0.239	<0.1	1.2	0.2
674S497	1.1	<0.2	1.1	0.021	0.2	1.2	0.3
674S498	0.6	<0.2	1.3	0.085	0.1	1.3	0.2
674S499 **	<0.5	<0.2	1.6	0.073	0.1	1.8	0.2
674S500	0.6	<0.2	1.8	0.037	0.3	1.3	0.2
674S545	1.2	<0.2	1.1	0.042	0.3	0.8	0.2
674S471	0.7	<0.2	2.7	0.197	<0.1	1.0	0.2
674S472	<0.5	<0.2	1.8	0.203	<0.1	0.6	0.2

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S473*	VAN10005230	387316	6341885	L125N	775E	is	7.5	<0.1	0.7	22.0	0.07	3.0	8.9	85	0.2	0.073	16.7
674S496	VAN10005230	386889	6341873	L100N	400E	6.8	42.2	0.2	8.8	46.2	0.08	1.4	9.4	133	0.6	0.142	61.9
674S549	VAN10005230	386914	6341872	L100N	425E	40.3	80.8	0.5	22.3	80.2	0.27	1.6	12.8	132	0.7	0.097	69.8
674S548	VAN10005230	386939	6341870	L100N	450E	13.0	45.7	0.2	21.2	34.3	0.12	1.3	10.6	169	0.9	0.071	95.0
674S547	VAN10005230	386964	6341869	L100N	475E	30.6	31.6	0.1	10.5	36.4	0.04	1.7	11.2	131	0.2	0.090	47.2
674S479	VAN10005230	387014	6341867	L100N	500E	46.9	56.6	0.7	5.4	63.8	5.91	3.0	34.9	176	1.0	0.106	58.1
674S478	VAN10005230	386989	6341868	L100N	525E	37.5	20.1	0.3	3.8	25.5	0.21	3.6	14.0	139	0.3	0.050	23.0
674S546	VAN10005230	387015	6341892	L100N	525E	138.4	84.8	0.1	13.7	50.7	0.19	3.3	11.9	113	0.5	0.073	35.8
674S570	VAN10005230	387139	6341766	L000N	600E	353.2	1055.7	2.8	70.5	192.2	0.66	58.7	81.6	199	0.8	0.123	30.8
674S569	VAN10005230	387189	6341762	L000N	650E	2250.4	1195.2	3.5	40.4	261.9	0.87	12.6	36.3	97	0.7	0.200	41.6
674S568	VAN10005230	387239	6341759	L000N	700E	7.4	11.4	<0.1	1.0	43.5	0.13	0.8	5.2	71	0.1	0.086	30.1
674S567	VAN10005230	387289	6341755	L000N	750E	19.0	32.1	0.1	1.2	32.7	0.17	3.7	11.2	137	0.2	0.112	21.2
674S566	VAN10005230	387339	6341752	L000N	800E	15.3	7.2	<0.1	0.4	15.1	0.05	3.7	10.7	79	0.1	0.063	9.1
674S470	VAN10005230	387265	6341863	L100N	725E	3.3	38.9	<0.1	20.1	105.5	0.37	1.3	6.0	108	0.3	0.071	55.2
674S469	VAN10005230	387290	6341861	L100N	750E	0.8	3.4	<0.1	0.6	23.5	0.04	1.1	2.4	50	0.1	0.079	22.7
674S474	VAN10005230	387314	6341860	L100N	775E	5.9	35.8	<0.1	13.1	106.5	0.27	1.3	6.3	109	0.3	0.096	52.9
674S495	VAN10005230	386888	6341848	L075N	400E	12.2	31.7	0.2	6.3	55.8	0.06	1.1	7.6	108	0.3	0.044	73.5
674S494	VAN10005230	386913	6341847	L075N	425E	19.9	51.8	0.5	24.8	69.2	0.34	0.9	9.9	110	0.6	0.056	66.1
674S493	VAN10005230	386938	6341845	L075N	450E	26.9	97.6	0.3	35.9	62.8	0.19	1.7	14.8	222	1.1	0.102	144.8
674S492	VAN10005230	386963	6341844	L075N	475E	42.6	29.8	0.2	7.4	49.0	0.24	2.1	15.5	137	0.2	0.074	34.5
674S491	VAN10005230	386988	6341843	L075N	500E	311.3	156.7	2.4	76.9	258.9	1.21	1.7	39.2	110	0.6	0.160	52.3
674S480	VAN10005230	387013	6341842	L075N	525E	28.5	41.8	0.2	10.2	46.8	0.18	2.2	9.9	183	0.2	0.101	49.0
674S477*	VAN10005230	387263	6341838	L075N	725E	20.0	8.0	<0.1	0.6	22.6	0.05	2.1	7.9	72	0.1	0.070	22.8
674S476	VAN10005230	387288	6341836	L075N	750E	4.5	5.7	<0.1	0.9	37.7	0.04	0.7	4.3	77	0.2	0.078	58.0
674S475	VAN10005230	387313	6341835	L075N	775E	3.0	6.7	<0.1	0.8	29.8	0.02	2.1	11.1	100	0.1	0.088	20.1
674S530	VAN10005230	386831	6341832	L050N	350E	63.1	129.7	0.5	20.2	81.7	0.13	2.4	16.3	171	0.8	0.092	86.9
674S529	VAN10005230	386881	6341828	L050N	400E	21.3	63.7	0.7	19.9	89.8	0.42	1.2	14.8	170	0.6	0.057	132.4
674S528	VAN10005230	386931	6341824	L050N	450E	20.5	75.2	0.3	12.3	48.6	0.17	1.0	6.1	77	0.4	0.038	80.3
674S527	VAN10005230	386982	6341819	L050N	500E	12.9	26.5	0.1	3.8	26.5	0.08	2.6	8.1	71	0.2	0.114	17.3
674S526	VAN10005230	387032	6341815	L050N	550E	14.8	46.9	0.4	29.3	95.4	0.68	3.0	7.2	93	0.1	0.113	174.9
674S571	VAN10005230	387138	6341817	L050N	600E	946.7	790.4	3.5	75.9	175.5	2.12	6.8	25.9	81	0.6	0.119	107.6
674S572	VAN10005230	387187	6341813	L050N	650E	1121.3	760.0	4.3	39.6	216.6	1.07	10.2	38.7	120	0.5	0.167	35.8

APPENDIX I - Soil Geochemistry

Sample ID	1DX30 Co ppm 0.1	1DX30 Cr ppm 1	1DX30 Fe % 0.01	1DX30 Mn ppm 1	1DX30 V ppm 2	1DX30 Ca % 0.01	1DX30 Mg % 0.01	1DX30 Sr ppm 1	1DX30 Ba ppm 1	1DX30 K % 0.01	1DX30 Na % 0.001	1DX30 Al % 0.01	1DX30 Bi ppm 0.1	1DX30 B ppm 1	1DX30 Ga ppm 1	1DX30 La ppm 1	1DX30 S % 0.05	1DX30 Sc ppm 0.1
674S473*	13.8	25	4.32	961	62	0.11	0.57	9	44	0.04	0.024	3.26	0.2	7	13	28	0.09	3.8
674S496	15.6	24	5.25	1329	53	1.21	0.61	14	130	0.06	0.021	1.88	0.1	3	9	22	0.19	3.1
674S549	21.1	22	6.46	2017	62	1.09	0.57	13	231	0.07	0.011	1.21	<0.1	2	4	15	0.06	4.0
674S548	17.8	15	7.43	2219	32	6.80	3.68	29	119	0.04	0.032	0.90	<0.1	3	4	16	<0.05	2.7
674S547	11.6	29	5.00	528	64	0.23	0.51	10	97	0.06	0.031	2.08	0.2	2	10	21	<0.05	4.2
674S479	23.1	27	6.76	1859	164	0.45	0.43	21	697	0.12	0.012	1.92	<0.1	5	4	27	0.06	12.9
674S478	3.6	9	4.21	660	15	0.08	0.17	3	110	0.07	0.068	3.39	0.3	3	15	43	<0.05	2.7
674S546	11.8	33	5.50	942	78	0.09	0.31	7	67	0.04	0.012	2.31	0.2	2	9	12	<0.05	2.8
674S570	19.0	12	6.97	2342	129	0.10	0.04	11	139	0.07	0.003	0.79	<0.1	<1	1	8	<0.05	3.2
674S569	33.3	9	8.75	1610	78	0.03	0.03	6	105	0.12	0.001	0.39	0.1	1	<1	5	<0.05	11.5
674S568	14.3	41	4.18	534	94	0.58	0.67	44	226	0.08	0.058	1.70	<0.1	<1	6	14	<0.05	8.1
674S567	12.1	19	4.90	997	52	0.14	0.42	11	84	0.09	0.049	3.57	0.3	2	16	31	<0.05	3.6
674S566	7.0	17	4.52	858	46	0.09	0.31	8	64	0.05	0.034	3.15	0.4	2	20	31	<0.05	2.5
674S470	17.7	49	4.05	828	79	0.34	0.93	20	49	0.06	0.037	1.72	0.1	2	7	13	0.06	5.5
674S469	15.8	25	3.17	725	74	0.37	0.82	31	58	0.04	0.037	1.03	<0.1	1	4	8	<0.05	4.0
674S474	22.4	45	4.70	1042	95	0.33	1.09	21	64	0.05	0.032	2.68	0.1	5	8	15	<0.05	6.7
674S495	19.9	41	5.49	1002	82	0.58	1.07	17	180	0.08	0.024	1.90	<0.1	3	6	18	<0.05	6.4
674S494	14.9	12	5.11	1676	28	2.70	1.42	14	111	0.04	0.009	0.71	<0.1	4	2	11	<0.05	3.3
674S493	23.8	17	9.28	2400	36	8.40	4.42	34	84	0.04	0.014	1.05	<0.1	5	4	15	0.13	3.4
674S492	8.4	28	4.47	399	65	0.21	0.33	9	70	0.05	0.018	2.68	0.3	3	14	21	0.09	3.7
674S491	17.6	15	6.56	1111	94	0.57	0.20	17	275	0.13	0.005	1.32	0.3	1	4	19	0.18	5.9
674S480	10.4	35	4.48	454	62	0.31	0.47	15	124	0.06	0.018	2.24	0.3	4	12	21	0.09	2.4
674S477*	11.2	32	3.73	330	63	0.14	0.55	12	37	0.04	0.019	2.76	0.2	7	12	16	<0.05	4.3
674S476	19.1	35	3.83	739	62	0.28	1.28	17	107	0.05	0.029	1.57	<0.1	2	5	20	<0.05	6.2
674S475	11.9	28	4.08	482	67	0.19	0.70	16	80	0.08	0.037	2.79	0.2	2	11	32	<0.05	4.9
674S530	18.4	44	6.11	1192	71	0.20	0.51	11	151	0.07	0.024	1.90	0.1	2	9	28	0.05	6.3
674S529	18.7	64	7.82	1157	68	2.54	1.80	22	117	0.05	0.015	1.49	<0.1	2	6	17	0.08	9.7
674S528	17.5	37	4.03	755	67	0.60	0.84	22	184	0.08	0.063	1.58	<0.1	3	5	18	0.07	7.8
674S527	8.6	22	4.09	736	74	0.13	0.34	9	83	0.06	0.027	2.77	0.2	3	12	17	0.15	3.4
674S526	16.4	128	5.79	569	101	0.39	0.38	18	297	0.07	0.008	1.88	0.1	2	6	20	0.11	7.3
674S571	28.7	30	6.55	1587	94	0.27	0.14	14	211	0.13	0.005	0.52	<0.1	<1	2	8	0.15	8.9
674S572	27.7	13	7.27	1837	109	0.11	0.09	8	132	0.11	0.005	0.54	<0.1	<1	2	7	<0.05	10.4

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S473*	<0.5	<0.2	2.2	0.195	<0.1	1.5	0.3
674S496	<0.5	<0.2	0.8	0.080	0.1	1.7	0.1
674S549	1.0	<0.2	0.6	0.019	0.3	0.8	0.1
674S548	<0.5	<0.2	1.0	0.052	0.2	0.6	0.2
674S547	<0.5	<0.2	2.1	0.080	0.1	1.4	0.2
674S479	1.9	<0.2	0.8	0.012	0.4	0.9	4.0
674S478	1.2	<0.2	10.3	0.107	0.3	3.4	0.7
674S546	1.0	<0.2	0.5	0.026	0.3	1.0	0.2
674S570	3.0	1.0	0.3	0.002	7.0	0.7	0.4
674S569	2.3	0.7	1.2	0.004	4.4	1.2	1.5
674S568	<0.5	<0.2	1.9	0.182	<0.1	0.5	0.2
674S567	0.6	<0.2	5.4	0.141	0.1	2.4	0.4
674S566	0.7	<0.2	2.8	0.135	0.1	2.1	0.4
674S470	0.6	<0.2	2.4	0.166	<0.1	0.8	0.2
674S469	<0.5	<0.2	1.4	0.202	<0.1	0.4	0.2
674S474	<0.5	<0.2	2.0	0.212	<0.1	0.6	0.1
674S495	<0.5	<0.2	1.6	0.088	0.1	0.6	0.1
674S494	<0.5	<0.2	0.5	0.013	0.3	0.4	0.1
674S493	0.6	<0.2	0.6	0.058	0.3	0.7	0.2
674S492	<0.5	<0.2	0.9	0.060	0.1	1.2	0.3
674S491	4.7	0.3	0.3	0.009	0.1	1.1	0.3
674S480	1.8	<0.2	0.6	0.042	0.1	1.2	0.2
674S477*	<0.5	<0.2	2.6	0.207	<0.1	1.1	0.2
674S476	<0.5	<0.2	2.5	0.202	<0.1	0.6	<0.1
674S475	0.6	0.2	4.3	0.194	<0.1	1.5	0.2
674S530	1.3	<0.2	1.9	0.034	0.4	1.3	0.3
674S529	0.9	<0.2	1.6	0.053	0.1	0.7	0.2
674S528	0.8	<0.2	1.8	0.055	0.1	0.4	0.2
674S527	0.5	<0.2	1.1	0.149	0.2	1.1	0.2
674S526	1.5	<0.2	0.6	0.008	0.3	0.9	0.1
674S571	2.5	0.8	0.5	0.006	7.3	0.7	0.4
674S572	2.8	0.5	0.8	0.005	3.4	0.9	1.2

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S573	VAN10005230	387237	6341809	L050N	700E	9.3	10.1	<0.1	0.8	30.0	0.10	2.0	6.3	53	0.1	0.057	26.4
674S574	VAN10005230	387287	6341806	L050N	750E	5.9	11.1	<0.1	0.7	27.4	0.05	1.9	6.1	73	0.1	0.078	28.0
674S575	VAN10005230	387337	6341802	L050N	800E	2.4	6.8	<0.1	0.6	36.3	0.04	1.9	5.5	68	<0.1	0.084	26.4
674S531	VAN10005230	386825	6341779	L000S	350E	46.9	101.8	1.2	31.3	70.9	0.33	1.9	19.4	181	1.4	0.078	104.8
674S532	VAN10005230	386875	6341775	L000S	400E	37.9	191.3	0.5	22.9	79.5	0.16	1.4	15.9	182	1.0	0.076	363.0
674S533	VAN10005230	386925	6341772	L000S	450E	33.3	40.8	0.3	4.1	53.3	0.06	1.2	10.7	92	0.2	0.089	343.1
674S534	VAN10005230	386974	6341768	L000S	500E	20.4	17.1	<0.1	2.3	26.2	0.08	1.5	5.5	69	<0.1	0.065	53.4
674S535	VAN10005230	387024	6341764	L000S	550E	56.9	107.5	0.3	12.6	39.9	0.21	3.3	11.7	130	0.6	0.085	39.3
674S518	VAN10005230	386793	6341705	L050S	300E	130.7	69.7	0.6	9.6	67.9	0.06	1.3	10.0	119	0.5	0.067	91.5
674S519	VAN10005230	386846	6341702	L050S	350E	67.6	44.3	0.5	4.8	55.4	0.07	1.0	11.0	94	0.3	0.076	575.6
674S520	VAN10005230	386898	6341700	L050S	400E	10.1	96.2	<0.1	3.5	37.2	0.07	2.8	13.8	130	0.3	0.086	158.1
674S521	VAN10005230	386951	6341697	L050S	450E	25.2	123.3	0.1	6.7	40.1	0.10	2.4	20.3	149	0.5	0.143	70.2
674S522	VAN10005230	387004	6341694	L050S	500E	11.2	51.2	<0.1	6.2	24.8	0.07	4.7	9.9	115	0.5	0.090	16.6
674S523	VAN10005230	387061	6341716	L050S	550E	9.5	42.2	0.2	35.8	91.5	0.08	2.4	8.9	88	0.3	0.117	23.6
674S524	VAN10005230	387110	6341716	L050S	600E	19.3	43.4	0.9	5.5	23.7	0.09	3.5	11.8	126	0.2	0.084	12.8
674S525	VAN10005230	387162	6341717	L050S	650E	2768.1	612.5	5.9	31.6	163.5	0.85	14.0	32.6	198	1.3	0.142	25.6
674S509	VAN10005230	387065	6341691	L075S	575E	39.2	31.8	0.2	10.9	74.2	0.16	1.1	9.1	107	0.3	0.068	67.5
674S508	VAN10005230	387090	6341690	L075S	600E	1111.7	930.0	3.9	92.1	237.2	1.06	7.2	39.6	167	0.8	0.244	46.4
674S507	VAN10005230	387115	6341689	L075S	625E	2668.9	694.3	1.4	32.9	75.4	0.60	5.7	33.1	185	0.5	0.185	37.5
674S503	VAN10005230	387064	6341666	L100S	575E	12.6	77.8	0.4	26.0	133.0	0.11	20.4	20.2	273	3.5	0.123	47.8
674S501	VAN10005230	387089	6341665	L100S	600E	10.4	27.9	<0.1	13.0	82.2	0.23	1.0	7.6	88	<0.1	0.071	86.5
674S502	VAN10005230	387114	6341664	L100S	625E	261.9	300.2	0.4	17.7	120.3	0.13	2.4	23.1	161	0.5	0.187	26.3
674S504	VAN10005230	387063	6341641	L125S	575E	6.5	87.4	0.6	67.1	208.0	0.07	17.9	24.3	199	1.4	0.216	55.0
674S505	VAN10005230	387088	6341640	L125S	600E	37.7	42.7	0.4	20.9	107.2	0.18	4.7	15.4	114	0.4	0.135	58.9
674S506	VAN10005230	387113	6341639	L125S	625E	41.0	47.3	0.2	8.5	33.5	0.06	1.9	8.8	146	0.2	0.139	46.9
674S517	VAN10005230	386792	6341605	L150S	300E	59.9	70.6	0.8	8.7	102.6	0.10	1.5	20.3	145	0.5	0.109	34.5
674S516	VAN10005230	386842	6341606	L150S	350E	6.9	30.9	0.7	2.4	17.8	0.10	0.9	10.6	56	0.2	0.118	10.6
674S515	VAN10005230	386893	6341608	L150S	400E	5.7	67.8	1.3	21.9	123.8	0.18	3.4	121.4	433	1.7	0.193	21.1
674S514	VAN10005230	386943	6341609	L150S	450E	4.4	511.3	0.4	16.7	156.8	0.12	11.4	36.1	171	0.8	0.166	29.2
674S513	VAN10005230	386994	6341610	L150S	500E	129.9	133.7	0.7	18.6	94.8	0.76	2.2	17.3	138	0.6	0.098	302.6

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S573	13.0	28	3.80	659	67	0.22	0.62	19	103	0.04	0.021	2.44	0.1	1	10	20	<0.05	4.4
674S574	15.2	33	4.25	786	84	0.18	0.61	15	86	0.06	0.033	2.57	0.1	1	9	15	<0.05	4.7
674S575	14.1	35	4.03	519	80	0.22	0.76	18	49	0.05	0.024	2.69	0.1	2	10	14	<0.05	5.2
674S531	25.7	34	9.09	2937	60	1.30	0.83	19	278	0.08	0.021	1.67	<0.1	3	5	32	0.09	9.6
674S532	39.5	79	8.32	1751	64	3.45	2.21	30	110	0.07	0.017	1.40	<0.1	3	5	19	0.07	7.5
674S533	31.1	232	5.87	630	98	0.30	0.91	14	74	0.09	0.012	1.43	<0.1	4	6	11	<0.05	10.8
674S534	11.3	39	3.58	463	56	0.13	0.46	10	56	0.05	0.017	2.26	0.1	2	10	15	0.06	3.9
674S535	10.1	31	4.48	936	70	0.18	0.35	11	99	0.05	0.015	1.97	0.2	2	12	10	0.13	2.0
674S518	15.3	38	4.81	689	65	2.00	1.75	25	128	0.10	0.043	1.58	<0.1	4	6	14	0.12	7.3
674S519	38.7	189	4.74	622	80	0.39	4.38	22	113	0.06	0.026	1.64	<0.1	4	5	10	0.05	10.1
674S520	14.9	68	4.63	591	49	0.12	0.62	10	137	0.07	0.020	2.28	0.3	3	13	21	0.06	3.8
674S521	13.0	55	4.46	660	71	0.12	0.50	10	118	0.06	0.010	2.54	0.1	2	9	13	0.12	3.1
674S522	7.1	26	4.54	933	65	0.09	0.24	9	73	0.06	0.023	1.91	0.3	3	15	14	0.15	2.0
674S523	12.9	14	4.45	876	71	0.27	0.29	11	220	0.08	0.015	1.54	0.1	3	5	17	0.08	4.9
674S524	8.4	16	4.66	1027	40	0.05	0.19	5	36	0.07	0.027	2.54	0.4	2	19	47	0.09	1.7
674S525	23.1	12	6.79	2413	105	0.03	0.05	6	125	0.10	0.002	0.48	<0.1	2	1	8	0.11	5.2
674S509	15.3	45	4.57	648	92	0.31	0.79	19	240	0.06	0.016	2.38	<0.1	3	7	20	0.06	7.0
674S508	30.0	32	8.16	2612	119	0.19	0.16	10	293	0.09	0.020	0.98	<0.1	1	4	14	0.15	3.7
674S507	21.9	41	8.85	2127	216	0.09	0.31	9	84	0.07	0.009	1.58	0.1	1	6	11	0.12	6.1
674S503	20.0	22	5.18	1534	66	0.20	0.44	14	174	0.08	0.036	1.38	0.1	3	5	18	0.05	6.9
674S501	19.0	54	6.11	775	103	0.09	0.55	9	137	0.09	0.010	2.03	<0.1	2	6	13	<0.05	6.7
674S502	14.0	29	6.26	1367	104	0.05	0.13	5	142	0.07	0.007	1.61	<0.1	2	5	9	0.11	2.2
674S504	25.3	24	6.55	1656	117	0.10	0.25	8	116	0.07	0.023	1.15	0.2	2	6	15	0.07	8.7
674S505	18.9	37	5.44	753	98	0.24	0.34	14	191	0.09	0.026	1.94	0.2	3	9	21	0.07	8.6
674S506	8.3	36	4.32	377	73	0.38	0.42	15	139	0.06	0.014	2.29	0.2	1	8	16	0.11	3.8
674S517	18.9	21	5.36	1057	70	0.26	0.27	13	266	0.19	0.011	0.86	<0.1	6	3	11	0.06	10.8
674S516	15.2	2	2.88	1102	18	0.21	0.08	11	798	0.22	0.004	0.41	<0.1	4	1	8	<0.05	6.1
674S515	13.7	20	6.65	1900	55	0.04	0.16	6	116	0.06	0.006	1.65	0.2	2	4	11	0.13	3.1
674S514	11.9	11	6.19	1273	54	0.04	0.08	7	99	0.09	0.005	1.03	0.1	3	4	7	0.14	2.0
674S513	37.9	109	6.21	1356	90	0.28	1.32	15	194	0.10	0.015	1.49	<0.1	4	5	11	0.12	10.4

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S573	0.6	<0.2	2.2	0.161	0.1	1.2	0.2
674S574	<0.5	<0.2	1.6	0.192	<0.1	0.9	0.2
674S575	0.6	<0.2	1.9	0.196	<0.1	0.9	0.2
674S531	1.2	<0.2	1.1	0.024	0.3	0.6	0.2
674S532	0.7	0.2	1.5	0.045	0.2	0.6	0.3
674S533	<0.5	<0.2	1.2	0.039	<0.1	0.5	0.2
674S534	0.8	<0.2	1.2	0.058	0.1	0.9	0.3
674S535	1.1	<0.2	0.3	0.050	0.7	0.9	0.2
674S518	<0.5	0.2	2.1	0.058	0.2	0.5	0.2
674S519	0.5	<0.2	1.4	0.057	0.3	0.4	0.1
674S520	1.2	<0.2	1.6	0.024	0.3	1.1	0.3
674S521	0.8	<0.2	0.5	0.015	0.3	0.8	0.2
674S522	0.6	<0.2	0.5	0.077	<0.1	1.0	0.2
674S523	0.7	<0.2	0.6	0.019	0.1	0.7	0.2
674S524	2.1	<0.2	1.1	0.054	0.2	2.3	0.3
674S525	1.6	<0.2	0.4	0.003	1.5	0.7	0.5
674S509	1.0	<0.2	1.5	0.046	0.1	1.4	0.2
674S508	1.4	0.2	0.2	0.007	4.0	1.0	0.5
674S507	1.1	1.7	0.5	0.052	0.2	0.6	0.7
674S503	2.3	<0.2	2.8	0.060	0.3	1.6	0.2
674S501	0.7	<0.2	0.8	0.019	0.2	0.7	0.1
674S502	0.6	<0.2	0.1	0.011	1.1	0.8	0.3
674S504	2.1	<0.2	1.7	0.028	0.3	1.7	0.3
674S505	1.2	<0.2	1.5	0.038	0.2	1.4	0.2
674S506	2.1	<0.2	0.6	0.021	0.2	1.2	0.2
674S517	0.7	<0.2	1.4	0.017	0.2	0.6	0.4
674S516	<0.5	<0.2	0.5	0.003	0.2	0.2	0.2
674S515	4.2	<0.2	0.4	0.005	0.3	0.9	0.3
674S514	2.1	<0.2	0.2	0.008	2.2	0.9	0.2
674S513	1.4	<0.2	0.8	0.018	0.5	0.7	0.2

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S512	VAN10005230	387044	6341612	L150S	550E	14.5	77.1	0.6	41.2	152.0	0.21	16.4	21.3	250	1.4	0.141	40.5
674S511	VAN10005230	387095	6341613	L150S	600E	14.4	25.8	<0.1	16.1	89.1	0.21	1.3	10.0	109	0.1	0.163	70.9
674S510	VAN10005230	387145	6341614	L150S	650E	165.5	91.4	2.2	13.9	67.7	0.22	3.5	10.8	156	1.1	0.272	38.0
674S650	VAN10005230	387032	6341536	L250S	550E	8.0	72.2	0.5	20.6	133.3	0.10	28.1	27.5	444	2.4	0.210	33.4
674S649	VAN10005230	387083	6341532	L250S	600E	9.6	24.5	1.7	15.9	57.6	0.36	3.0	10.9	51	0.6	0.081	41.2
674S648	VAN10005230	387135	6341527	L250S	650E	9.0	17.9	0.1	1.4	20.9	0.08	2.8	8.8	89	0.2	0.064	19.5
674S647	VAN10005230	387186	6341522	L250S	700E	781.3	497.0	1.7	11.7	63.3	0.12	5.3	25.4	115	0.2	0.126	37.1
674S609	VAN10005230	387237	6341517	L250S	750E	13.9	31.5	<0.1	19.4	21.9	0.21	1.4	10.2	85	0.4	0.049	69.8
674S608	VAN10005230	387287	6341511	L250S	800E	6.0	9.0	<0.1	3.0	33.5	0.03	0.7	8.1	69	0.2	0.078	32.0
674S607	VAN10005230	387206	6341489	L275S	725E	3.3	5.6	<0.1	1.8	21.3	0.05	0.6	3.7	50	0.2	0.040	38.2
674S600	VAN10005230	387230	6341488	L275S	750E	7.5	45.7	0.2	22.7	49.4	0.29	2.2	8.5	227	1.7	0.105	119.3
674S601	VAN10005230	387255	6341487	L275S	775E	5.4	10.9	0.1	2.5	32.8	0.47	1.2	6.5	141	0.7	0.061	53.6
674S606	VAN10005230	387204	6341464	L300S	725E	13.4	60.0	0.6	151.4	268.8	1.25	1.3	11.0	137	1.2	0.056	91.1
674S490*	VAN10005230	387229	6341463	L300S	750E	5.0	7.6	<0.1	1.1	19.9	0.05	3.1	12.5	80	0.2	0.081	9.5
674S602	VAN10005230	387254	6341462	L300S	775E	3.2	8.6	<0.1	4.0	26.3	0.08	1.7	7.2	103	0.2	0.036	43.7
674S605	VAN10005230	387203	6341439	L325S	725E	13.9	40.8	0.2	28.2	88.0	0.12	0.5	5.8	89	0.3	0.066	141.0
674S604	VAN10005230	387228	6341438	L325S	750E	14.8	15.5	0.1	8.4	45.4	0.10	1.4	7.8	82	0.2	0.069	33.5
674S603	VAN10005230	387253	6341437	L325S	775E	25.0	7.8	<0.1	4.3	28.8	0.09	1.0	4.1	86	0.4	0.058	33.2
674S642	VAN10005230	387033	6341413	L350S	550E	1265.2	393.9	0.7	14.8	158.4	0.08	14.5	26.3	101	0.2	0.144	17.9
674S643	VAN10005230	387082	6341410	L350S	600E	264.6	84.1	0.7	6.4	99.5	0.13	5.5	13.0	152	0.3	0.072	69.0
674S644	VAN10005230	387130	6341407	L350S	650E	123.2	72.5	1.2	7.2	95.5	0.24	4.5	14.1	146	0.2	0.083	134.4
674S645	VAN10005230	387179	6341405	L350S	700E	4.7	9.3	<0.1	3.1	25.8	0.10	1.5	4.5	67	0.1	0.051	34.6
674S646	VAN10005230	387228	6341402	L350S	750E	10.0	10.1	<0.1	0.8	31.1	0.08	2.5	13.3	105	0.2	0.058	17.7
674S586	VAN10005230	387278	6341399	L350S	800E	10.1	7.7	<0.1	5.4	33.5	0.06	0.9	6.3	95	0.2	0.068	50.2
674S450	VAN10005230	386533	6341343	L400S	100E	52.9	101.2	0.5	43.9	99.4	0.36	3.0	21.0	227	1.5	0.087	170.6
674S449	VAN10005230	386585	6341343	L400S	150E	7.6	26.9	<0.1	4.3	30.9	0.07	1.2	8.1	73	0.2	0.125	45.1
674S448	VAN10005230	386639	6341342	L400S	200E	70.0	988.2	0.3	101.3	138.8	1.30	2.8	9.2	131	0.8	0.055	1418.3
674S447	VAN10005230	386692	6341342	L400S	250E	0.8	40.5	0.7	20.9	231.9	0.12	1.2	13.2	59	0.3	0.115	56.9
674S446	VAN10005230	386746	6341341	L400S	300E	30.8	41.7	0.1	3.3	82.1	0.11	2.5	7.0	76	0.2	0.066	35.7
674S445	VAN10005230	386800	6341341	L400S	350E	8.3	21.9	<0.1	2.5	77.1	0.12	4.1	6.8	96	0.3	0.080	47.6

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S512	16.2	22	5.67	997	90	0.14	0.29	11	67	0.06	0.015	1.34	0.1	3	5	13	0.13	2.3
674S511	15.4	51	6.50	997	154	0.05	0.18	5	139	0.14	0.006	1.89	<0.1	1	7	7	0.14	5.0
674S510	11.3	59	4.36	1280	62	0.69	0.38	24	263	0.08	0.026	1.96	0.1	4	6	23	0.21	4.4
674S650	17.9	22	6.16	1571	141	0.11	0.12	9	211	0.08	0.006	1.11	<0.1	<1	3	11	<0.05	1.5
674S649	11.2	30	4.36	484	66	0.69	0.64	34	277	0.07	0.025	1.73	0.2	<1	5	18	<0.05	6.4
674S648	9.2	30	4.25	584	68	0.21	0.60	16	53	0.07	0.021	2.65	0.2	2	13	15	<0.05	3.1
674S647	13.5	33	5.24	1311	74	0.11	0.38	10	61	0.08	0.053	2.34	0.2	1	14	20	<0.05	4.5
674S609	8.1	7	4.65	1244	19	14.16	8.13	51	57	0.02	0.014	0.62	<0.1	2	2	12	0.06	1.3
674S608	14.3	32	3.81	727	68	0.28	0.82	21	77	0.06	0.026	2.08	<0.1	3	7	17	<0.05	5.5
674S607	15.4	30	3.55	731	65	0.45	1.00	25	112	0.04	0.027	1.82	<0.1	2	6	15	<0.05	4.6
674S600	22.5	22	11.91	3750	54	0.94	0.87	14	174	0.03	0.015	3.88	<0.1	2	5	67	0.05	9.0
674S601	29.1	31	12.77	3980	87	0.10	0.54	9	175	0.02	0.012	2.29	0.2	2	5	31	<0.05	10.0
674S606	11.5	13	3.14	877	28	16.25	9.14	50	37	0.02	0.016	0.52	<0.1	5	1	8	<0.05	1.4
674S490*	8.0	15	4.36	919	38	0.16	0.24	9	88	0.06	0.034	2.89	0.4	2	20	28	0.12	2.3
674S602	15.9	29	4.32	878	58	0.19	0.95	15	47	0.05	0.020	2.26	<0.1	2	6	21	<0.05	3.7
674S605	26.0	100	4.60	689	77	0.27	0.65	18	127	0.06	0.018	1.57	<0.1	3	5	13	<0.05	9.9
674S604	12.2	33	4.12	524	67	0.31	0.63	19	109	0.06	0.031	2.32	0.1	2	9	21	<0.05	5.6
674S603	14.6	27	3.40	815	60	0.20	0.75	16	52	0.04	0.018	2.76	<0.1	2	6	18	<0.05	4.6
674S642	12.3	10	5.86	826	86	0.11	0.09	10	94	0.14	0.004	0.71	0.1	1	2	7	<0.05	2.1
674S643	16.7	44	5.44	640	70	0.20	0.35	14	136	0.09	0.021	2.34	0.2	2	10	19	<0.05	4.0
674S644	17.4	81	5.67	686	89	0.20	0.66	13	153	0.09	0.019	2.85	0.1	2	10	23	<0.05	8.9
674S645	14.8	32	3.92	697	65	0.18	0.73	17	50	0.05	0.018	2.64	0.1	2	8	13	<0.05	3.9
674S646	8.7	20	4.88	826	39	0.36	0.53	12	159	0.06	0.034	3.58	0.4	2	20	86	<0.05	4.8
674S586	16.6	29	4.63	918	64	0.31	0.93	20	92	0.05	0.029	1.94	<0.1	2	7	20	<0.05	4.7
674S450	26.4	29	8.67	1818	57	1.66	1.21	20	150	0.10	0.017	1.39	<0.1	5	5	16	0.11	6.4
674S449	14.7	29	4.05	867	72	0.68	0.68	19	257	0.05	0.017	2.06	0.1	3	9	12	0.10	3.3
674S448	153.0	177	7.81	1653	98	3.80	2.46	91	312	0.09	0.018	0.89	<0.1	4	3	10	0.10	12.5
674S447	32.4	46	7.04	1359	75	0.35	0.16	15	510	0.12	0.004	0.71	<0.1	3	2	12	<0.05	19.6
674S446	13.8	29	4.39	657	74	0.20	0.60	19	165	0.07	0.014	1.52	<0.1	2	5	13	<0.05	8.9
674S445	19.5	32	4.89	1015	87	0.19	0.73	21	208	0.08	0.012	1.96	<0.1	2	6	13	<0.05	9.4

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S512	2.8	<0.2	0.3	0.020	0.3	1.1	0.2
674S511	0.6	<0.2	0.2	0.007	0.2	0.4	0.2
674S510	3.3	<0.2	0.6	0.027	0.1	2.2	0.1
674S650	3.3	<0.2	0.2	0.005	0.3	1.3	<0.1
674S649	1.7	<0.2	1.3	0.084	<0.1	0.9	<0.1
674S648	0.7	<0.2	1.2	0.110	<0.1	0.9	0.2
674S647	1.2	<0.2	3.1	0.131	0.2	1.7	0.5
674S609	<0.5	<0.2	0.5	0.066	0.1	0.4	0.2
674S608	<0.5	<0.2	2.3	0.180	<0.1	0.9	0.1
674S607	<0.5	<0.2	1.4	0.119	<0.1	0.9	<0.1
674S600	1.1	<0.2	3.3	0.069	0.2	1.9	0.2
674S601	0.8	<0.2	2.6	0.085	0.1	1.6	0.1
674S606	0.9	<0.2	0.5	0.029	0.1	0.4	0.2
674S490*	<0.5	<0.2	1.6	0.130	<0.1	1.7	0.4
674S602	<0.5	<0.2	4.4	0.136	<0.1	1.4	0.2
674S605	<0.5	<0.2	1.6	0.089	<0.1	0.6	0.1
674S604	0.6	<0.2	2.1	0.151	<0.1	1.2	0.1
674S603	<0.5	<0.2	2.0	0.120	<0.1	1.2	0.1
674S642	1.4	1.9	0.2	0.003	0.9	0.7	0.3
674S643	2.5	<0.2	0.8	0.029	0.4	1.1	0.2
674S644	2.2	<0.2	1.0	0.039	0.4	1.3	0.2
674S645	0.6	<0.2	1.2	0.098	<0.1	0.7	0.2
674S646	0.9	<0.2	6.2	0.111	0.2	4.5	0.5
674S586	0.6	<0.2	2.5	0.148	<0.1	1.0	0.2
674S450	0.6	<0.2	1.2	0.037	0.3	0.8	0.3
674S449	<0.5	<0.2	0.5	0.034	0.2	0.6	<0.1
674S448	<0.5	<0.2	0.9	0.015	1.5	0.4	0.2
674S447	1.5	<0.2	1.6	0.001	0.2	0.5	<0.1
674S446	<0.5	<0.2	1.5	0.049	0.2	0.6	0.1
674S445	0.7	<0.2	1.5	0.051	0.3	0.5	<0.1

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S444*	VAN10005230	386854	6341340	L400S	400E	9.0	7.4	<0.1	0.6	10.9	0.06	4.0	11.2	58	0.1	0.075	5.4
674S443	VAN10005230	386908	6341340	L400S	450E	4.7	7.8	<0.1	0.8	19.8	0.06	2.1	5.7	63	0.2	0.067	16.1
674S630	VAN10005230	387032	6341370	L400S	550E	5.5	21.5	<0.1	2.0	67.5	0.06	7.6	9.4	105	0.1	0.070	23.2
674S631	VAN10005230	387081	6341368	L400S	600E	4.6	6.7	<0.1	1.3	46.3	0.10	1.0	3.7	66	0.2	0.072	29.9
674S632	VAN10005230	387130	6341367	L400S	650E	548.0	105.5	1.3	8.8	98.1	0.19	5.5	15.7	108	0.4	0.091	77.7
674S633	VAN10005230	387179	6341365	L400S	700E	152.9	56.9	0.7	4.9	39.6	0.12	3.8	10.4	126	0.2	0.080	65.8
674S634	VAN10005230	387228	6341364	L400S	750E	22.8	30.7	<0.1	6.3	39.6	0.26	3.2	8.7	118	0.1	0.088	75.3
674S635	VAN10005230	387277	6341362	L400S	800E	4.8	5.0	<0.1	0.8	28.9	0.04	0.9	4.3	78	0.1	0.040	40.0
674S565	VAN10005230	386561	6341309	L450S	100E	8.7	56.1	0.1	8.9	33.7	0.14	2.2	13.6	122	0.2	0.123	96.9
674S564	VAN10005230	386611	6341306	L450S	150E	38.2	337.4	0.3	43.9	125.4	0.55	1.9	13.0	112	0.6	0.083	972.9
674S563	VAN10005230	386661	6341303	L450S	200E	5.1	20.0	<0.1	2.6	33.8	0.06	2.0	6.3	80	0.3	0.079	51.2
674S562	VAN10005230	386710	6341299	L450S	250E	8.3	50.4	<0.1	7.2	70.4	0.21	3.1	7.7	65	0.1	0.102	24.9
674S561	VAN10005230	386760	6341296	L450S	300E	2.2	14.4	<0.1	3.7	27.7	0.04	1.9	7.8	60	0.2	0.083	24.5
674S560	VAN10005230	386810	6341293	L450S	350E	5.4	14.1	<0.1	1.4	23.0	0.06	3.5	6.5	96	0.2	0.071	25.5
674S559	VAN10005230	386860	6341289	L450S	400E	1.2	7.1	0.1	0.6	24.7	0.05	3.4	4.7	57	0.2	0.104	8.2
674S558	VAN10005230	386910	6341286	L450S	450E	1.8	8.8	0.1	1.0	12.7	0.03	3.6	7.3	94	0.5	0.104	9.7
674S641	VAN10005230	387028	6341320	L450S	550E	12.8	7.7	<0.1	0.8	29.5	0.08	1.5	5.6	63	<0.1	0.048	23.0
674S640	VAN10005230	387077	6341318	L450S	600E	3.1	5.1	<0.1	0.6	18.6	0.07	2.0	7.5	66	0.1	0.058	14.4
674S639	VAN10005230	387126	6341317	L450S	650E	3.5	10.6	<0.1	1.6	42.7	0.05	2.1	5.9	87	0.2	0.098	26.0
674S638	VAN10005230	387174	6341315	L450S	700E	56.3	66.7	0.2	6.6	61.0	0.17	3.4	13.5	145	0.2	0.102	154.6
674S637	VAN10005230	387223	6341314	L450S	750E	17.2	6.2	0.1	3.1	31.2	0.20	0.9	6.5	104	0.2	0.069	45.0
674S636	VAN10005230	387272	6341312	L450S	800E	3.5	6.8	<0.1	0.7	12.3	0.06	3.0	7.9	58	0.1	0.063	20.3
674S455	VAN10005230	386597	6341305	L475S	125E	59.8	224.6	0.4	53.8	200.0	0.36	0.8	19.6	165	0.9	0.139	347.1
674S456	VAN10005230	386622	6341304	L475S	150E	21.3	558.9	0.3	58.2	125.1	0.83	2.2	13.4	123	0.7	0.067	1171.4
674S457	VAN10005230	386647	6341303	L475S	175E	6.7	142.9	0.2	15.8	63.5	1.00	2.3	10.4	132	0.6	0.123	464.1
674S468	VAN10005230	386851	6341298	L475S	375E	1.0	8.1	0.1	0.7	22.1	0.05	2.9	5.9	71	0.2	0.098	6.5
674S467	VAN10005230	386875	6341297	L475S	400E	3.8	10.4	<0.1	1.1	21.1	0.07	1.7	4.9	62	0.2	0.092	18.2
674S466	VAN10005230	386900	6341296	L475S	425E	2.2	7.3	<0.1	0.8	13.7	0.06	3.6	7.0	85	0.5	0.091	10.2
674S614	VAN10005230	387049	6341291	L475S	575E	5.5	6.8	<0.1	0.9	42.9	0.12	2.8	7.9	83	0.2	0.082	19.0
674S613	VAN10005230	387074	6341290	L475S	600E	3.2	4.3	<0.1	0.6	13.6	0.05	2.3	5.0	53	0.2	0.064	10.7
674S612	VAN10005230	387099	6341289	L475S	625E	2.1	4.5	<0.1	0.5	20.4	0.07	1.8	7.0	88	0.2	0.072	10.4
674S454	VAN10005230	386596	6341280	L500S	125E	5.5	109.2	0.4	17.1	202.1	0.20	0.8	8.1	71	0.2	0.155	171.4

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S444*	2.6	12	3.44	334	29	0.05	0.14	4	25	0.05	0.034	2.47	0.3	3	22	23	<0.05	1.3
674S443	8.0	26	3.67	370	56	0.16	0.54	13	38	0.05	0.015	2.46	<0.1	2	8	13	<0.05	2.9
674S630	7.3	17	4.29	365	59	0.25	0.28	14	132	0.06	0.013	1.99	0.1	2	6	13	<0.05	2.6
674S631	16.3	36	4.14	593	80	0.43	0.91	31	335	0.16	0.055	2.36	<0.1	2	7	18	<0.05	9.6
674S632	16.0	43	4.64	579	82	0.33	0.54	17	247	0.08	0.018	1.49	<0.1	3	5	16	<0.05	4.7
674S633	11.4	46	3.91	1227	56	0.13	0.44	9	160	0.09	0.063	1.82	0.1	2	8	21	<0.05	2.7
674S634	13.9	55	5.01	796	68	0.16	0.59	12	80	0.07	0.018	3.05	0.2	3	10	15	<0.05	3.5
674S635	16.7	37	3.81	744	72	0.34	1.01	26	123	0.05	0.034	2.21	<0.1	2	9	27	<0.05	5.1
674S565	13.8	52	5.75	758	78	0.34	0.35	11	197	0.04	0.011	2.21	0.1	1	9	15	0.05	3.0
674S564	101.5	164	6.76	1027	100	4.13	2.12	84	369	0.11	0.009	0.93	<0.1	3	3	9	<0.05	15.0
674S563	10.0	32	3.69	347	66	0.14	0.50	12	112	0.05	0.013	2.40	0.1	2	8	12	<0.05	2.2
674S562	8.7	36	5.31	394	78	0.05	0.15	5	74	0.08	0.011	2.45	0.1	2	11	12	<0.05	4.0
674S561	12.6	23	4.58	838	55	0.15	0.50	12	202	0.07	0.017	1.84	0.2	2	11	13	<0.05	1.6
674S560	11.5	29	4.58	527	81	0.14	0.57	13	93	0.06	0.011	2.41	0.2	2	11	15	<0.05	2.8
674S559	4.8	13	3.02	263	62	0.06	0.12	6	87	0.05	0.011	1.65	0.1	2	9	13	0.06	0.5
674S558	6.7	17	4.01	1114	64	0.21	0.20	14	149	0.08	0.022	1.10	0.3	6	16	12	<0.05	1.3
674S641	8.5	27	3.49	396	56	0.43	0.61	28	260	0.10	0.032	2.05	0.1	<1	7	28	<0.05	5.7
674S640	9.8	23	3.25	452	50	0.15	0.51	14	52	0.07	0.030	2.53	0.2	2	11	23	<0.05	3.4
674S639	15.6	30	4.05	928	74	0.28	0.75	24	113	0.11	0.032	2.36	0.1	3	8	20	<0.05	6.4
674S638	19.4	80	5.38	781	88	0.24	0.74	16	169	0.08	0.019	2.94	0.1	2	9	18	<0.05	4.5
674S637	8.9	35	4.92	454	58	0.69	0.63	20	118	0.05	0.027	2.15	0.1	2	7	29	<0.05	6.3
674S636	9.2	21	3.81	528	44	0.18	0.55	13	50	0.04	0.031	3.16	0.2	2	15	27	<0.05	2.7
674S455	36.7	144	5.25	502	101	1.04	0.37	31	228	0.06	0.005	1.35	<0.1	3	4	6	0.10	12.5
674S456	113.6	178	7.99	1522	101	4.87	2.62	98	487	0.09	0.011	0.97	<0.1	3	3	11	0.06	15.5
674S457	53.2	127	5.74	1765	65	0.52	0.33	16	219	0.09	0.071	1.47	<0.1	4	8	22	0.09	6.1
674S468	3.8	13	3.49	276	57	0.04	0.11	6	84	0.07	0.008	1.68	0.1	2	10	10	0.07	0.5
674S467	9.5	22	3.28	601	47	0.15	0.50	13	79	0.06	0.013	2.51	0.1	2	7	16	0.07	2.4
674S466	6.4	19	3.41	595	55	0.15	0.28	13	97	0.06	0.015	1.58	0.2	1	13	15	0.10	1.0
674S614	9.6	21	4.57	642	45	0.12	0.41	12	287	0.15	0.022	4.15	0.2	3	14	49	0.06	5.1
674S613	7.5	19	3.89	439	51	0.13	0.41	12	62	0.06	0.017	2.11	0.1	2	11	19	<0.05	2.4
674S612	6.0	20	3.32	467	38	0.46	0.37	27	235	0.10	0.044	2.61	0.2	2	12	24	0.07	3.2
674S454	32.6	42	5.25	938	79	0.68	0.28	24	366	0.21	0.002	0.84	<0.1	5	2	7	<0.05	13.8

APPENDIX I - Soil Geochemistry

	1DX30 Se	1DX30 Te	1DX30 Th	1DX30 Ti	1DX30 Tl	1DX30 U	1DX30 W
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S444*	1.1	<0.2	1.2	0.109	<0.1	1.9	0.3
674S443	0.8	<0.2	0.9	0.093	<0.1	0.8	0.1
674S630	1.5	<0.2	0.5	0.009	0.4	1.1	0.1
674S631	0.6	<0.2	1.8	0.165	<0.1	0.4	<0.1
674S632	2.1	0.5	0.4	0.007	0.5	1.0	0.2
674S633	0.7	0.3	0.7	0.020	0.3	1.6	0.3
674S634	1.5	<0.2	1.1	0.031	0.2	1.1	0.2
674S635	<0.5	<0.2	2.9	0.175	<0.1	1.6	0.1
674S565	<0.5	<0.2	0.3	0.024	0.2	0.8	0.1
674S564	0.5	<0.2	0.8	0.010	0.6	0.3	0.2
674S563	0.5	<0.2	0.2	0.019	0.1	0.6	<0.1
674S562	0.6	<0.2	0.3	0.019	0.4	0.9	0.2
674S561	<0.5	<0.2	0.3	0.032	<0.1	0.7	0.2
674S560	0.7	<0.2	0.3	0.034	0.2	0.6	0.2
674S559	<0.5	<0.2	<0.1	0.013	0.1	0.8	0.2
674S558	<0.5	<0.2	0.3	0.088	<0.1	0.9	0.3
674S641	0.8	<0.2	2.6	0.117	<0.1	1.2	0.1
674S640	<0.5	<0.2	1.7	0.124	<0.1	1.0	0.2
674S639	<0.5	<0.2	2.3	0.151	<0.1	0.9	0.2
674S638	2.2	<0.2	0.5	0.023	0.4	1.1	0.2
674S637	1.0	<0.2	1.6	0.118	<0.1	1.1	<0.1
674S636	<0.5	<0.2	3.3	0.141	<0.1	1.9	0.3
674S455	<0.5	<0.2	0.4	0.009	0.2	0.5	0.1
674S456	<0.5	<0.2	1.2	0.011	0.7	0.4	0.3
674S457	<0.5	<0.2	1.2	0.039	0.2	1.5	0.3
674S468	0.5	<0.2	<0.1	0.012	0.2	0.9	0.1
674S467	0.6	<0.2	0.6	0.057	<0.1	0.8	0.2
674S466	<0.5	<0.2	0.2	0.063	<0.1	1.2	0.2
674S614	0.9	<0.2	1.2	0.056	0.2	2.5	0.2
674S613	<0.5	<0.2	0.9	0.120	<0.1	1.1	0.1
674S612	0.6	<0.2	1.5	0.111	<0.1	1.5	0.2
674S454	0.6	<0.2	1.1	0.004	0.2	0.5	0.2

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S451	VAN10005230	386621	6341279	L500S	150E	65.8	394.7	0.7	61.2	198.4	0.40	2.6	93.0	345	1.9	0.112	246.4
674S458	VAN10005230	386646	6341278	L500S	175E	20.1	172.7	0.4	30.8	185.8	0.29	1.4	19.3	182	0.6	0.122	202.7
674S461	VAN10005230	386849	6341273	L500S	375E	<0.5	11.9	0.1	0.6	34.3	0.04	3.6	3.1	75	0.2	0.136	9.3
674S460	VAN10005230	386874	6341272	L500S	400E	1.4	13.8	<0.1	1.8	71.5	0.06	4.2	7.1	99	0.3	0.127	14.6
674S465	VAN10005230	386899	6341271	L500S	425E	7.0	10.1	<0.1	0.9	35.8	0.07	4.7	6.1	76	0.3	0.110	13.8
674S610	VAN10005230	387048	6341266	L500S	575E	1.6	4.7	<0.1	0.9	39.1	0.05	0.9	3.8	65	0.2	0.105	18.2
674S544	VAN10005230	387073	6341265	L500S	600E	1.7	5.4	<0.1	3.1	19.5	0.04	1.4	4.8	47	0.2	0.066	22.9
674S611	VAN10005230	387098	6341264	L500S	625E	0.9	4.4	<0.1	0.6	20.9	0.04	1.4	4.4	81	0.1	0.044	15.4
674S453	VAN10005230	386595	6341255	L525S	125E	5.5	60.5	0.3	28.7	141.6	0.36	1.0	7.0	86	0.3	0.140	199.3
674S452	VAN10005230	386620	6341254	L525S	150E	34.8	257.1	0.4	39.5	171.1	0.29	2.4	19.1	150	0.7	0.096	246.6
674S459	VAN10005230	386645	6341253	L525S	175E	34.0	18.0	0.1	2.4	83.3	0.06	1.4	5.5	89	0.3	0.091	31.8
674S462	VAN10005230	386848	6341248	L525S	375E	10.9	19.2	0.1	1.8	37.5	0.07	6.3	7.8	93	0.3	0.101	24.6
674S463	VAN10005230	386873	6341247	L525S	400E	3.7	23.0	<0.1	1.9	30.3	0.12	5.5	9.2	110	0.4	0.096	25.6
674S464	VAN10005230	386898	6341246	L525S	425E	16.9	14.3	<0.1	1.9	48.9	0.06	3.8	7.2	95	0.4	0.125	32.2
674S617	VAN10005230	387047	6341241	L525S	575E	5.8	34.6	0.1	7.4	80.9	0.09	4.5	7.8	96	0.5	0.090	46.9
674S616	VAN10005230	387072	6341240	L525S	600E	8.4	26.8	0.1	5.3	68.0	0.07	3.6	7.2	89	0.4	0.087	40.0
674S615	VAN10005230	387097	6341239	L525S	625E	0.7	5.6	<0.1	0.7	51.7	0.05	0.8	3.5	69	0.2	0.083	20.6
674S550	VAN10005230	386572	6341221	L550S	100E	11.1	66.7	0.1	8.8	38.0	0.07	1.9	10.2	109	0.6	0.104	43.2
674S551	VAN10005230	386623	6341216	L550S	150E	3.7	16.8	0.1	2.2	101.0	0.02	2.8	6.8	93	0.3	0.109	26.3
674S552	VAN10005230	386674	6341211	L550S	200E	2.1	19.5	0.1	2.2	108.0	0.03	9.8	6.5	122	0.9	0.183	30.1
674S553	VAN10005230	386725	6341206	L550S	250E	6.3	94.9	<0.1	3.8	145.3	0.07	32.2	27.0	73	0.2	0.115	53.3
674S554	VAN10005230	386777	6341202	L550S	300E	13.0	11.7	<0.1	1.3	41.0	0.05	4.2	8.9	92	0.4	0.100	28.0
674S555	VAN10005230	386828	6341197	L550S	350E	2.4	8.4	<0.1	1.7	32.4	0.03	1.7	5.6	75	0.3	0.064	29.9
674S556	VAN10005230	386879	6341192	L550S	400E	13.3	33.0	0.2	11.6	80.6	0.13	2.2	7.5	89	0.3	0.076	34.0
674S557	VAN10005230	386930	6341187	L550S	450E	6.5	13.5	<0.1	3.9	38.6	0.09	1.4	6.7	60	0.1	0.061	28.7
674S629	VAN10005230	387032	6341208	L550S	550E	462.2	45.5	0.4	12.9	35.7	0.57	1.4	17.0	211	1.4	0.281	64.3
674S628	VAN10005230	387077	6341205	L550S	600E	5.6	7.6	<0.1	1.2	14.2	0.05	1.8	7.5	74	0.1	0.071	18.9
674S627	VAN10005230	387123	6341201	L550S	650E	2.2	8.0	<0.1	1.1	26.4	0.05	0.9	4.3	97	0.2	0.074	24.9
674S626	VAN10005230	387169	6341197	L550S	700E	7.1	15.4	<0.1	5.6	46.3	0.04	2.3	5.5	71	<0.1	0.067	22.3
674S625	VAN10005230	387215	6341194	L550S	750E	2.0	7.5	<0.1	3.4	33.4	0.05	1.3	4.7	74	0.1	0.058	16.8
674S624	VAN10005230	387262	6341190	L550S	800E	14.1	14.8	<0.1	2.1	27.7	0.06	2.6	6.5	45	<0.1	0.063	18.0
674S431	VAN10005230	386322	6341195	L600S	150W	36.1	37.6	0.2	11.1	72.1	0.45	0.9	7.5	67	0.2	0.036	50.3

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S451	37.1	80	5.17	896	83	0.50	0.41	16	519	0.10	0.008	1.09	<0.1	3	4	10	<0.05	11.5
674S458	28.4	58	5.88	553	83	0.33	0.30	12	461	0.13	0.009	1.09	<0.1	4	4	11	<0.05	11.8
674S461	6.7	9	4.12	417	62	0.07	0.09	6	104	0.08	0.005	1.45	<0.1	2	6	7	0.07	0.7
674S460	11.0	16	5.38	827	72	0.07	0.30	8	81	0.06	0.009	2.04	0.2	2	9	11	0.08	1.0
674S465	7.6	19	4.00	562	69	0.09	0.25	9	69	0.05	0.009	1.92	0.1	1	10	10	0.07	1.2
674S610	16.1	27	3.94	1143	69	0.57	0.81	43	280	0.20	0.064	1.90	<0.1	3	6	20	<0.05	9.2
674S544	15.0	22	3.29	776	54	0.23	0.67	17	79	0.06	0.015	1.63	<0.1	2	6	12	0.06	3.8
674S611	11.1	26	4.05	578	66	0.21	0.68	21	160	0.12	0.017	2.52	0.1	2	10	21	<0.05	4.4
674S453	34.2	81	5.22	844	107	0.98	0.41	35	202	0.17	0.006	0.97	<0.1	4	3	9	0.07	16.2
674S452	36.1	81	5.65	940	86	0.33	0.40	14	175	0.09	0.012	1.47	<0.1	3	5	12	0.05	7.6
674S459	23.8	25	5.02	986	96	0.53	0.63	25	207	0.08	0.027	1.16	<0.1	3	4	10	<0.05	9.2
674S462	8.4	26	4.13	449	76	0.09	0.36	10	74	0.07	0.009	2.24	0.1	2	8	9	0.06	1.3
674S463	7.3	19	4.83	499	53	0.08	0.27	7	52	0.06	0.013	2.80	0.3	2	13	19	0.08	1.5
674S464	17.3	23	4.43	1306	63	0.19	0.56	18	125	0.16	0.020	2.02	0.1	2	7	23	<0.05	6.6
674S617	17.5	23	4.34	912	65	0.37	0.47	23	174	0.08	0.019	1.04	<0.1	3	4	13	<0.05	6.5
674S616	16.2	23	4.14	714	64	0.43	0.51	27	163	0.09	0.026	1.15	<0.1	2	4	14	<0.05	6.3
674S615	17.7	30	4.18	1128	77	0.52	1.04	44	281	0.16	0.040	1.84	<0.1	3	6	13	<0.05	7.9
674S550	10.3	39	4.11	596	75	0.25	0.32	10	131	0.05	0.013	2.10	0.1	2	9	10	<0.05	1.4
674S551	31.1	21	7.31	1686	117	0.27	0.34	10	268	0.07	0.014	1.52	<0.1	2	5	15	<0.05	14.4
674S552	27.2	24	6.40	1543	135	0.09	0.57	7	149	0.06	0.018	1.90	<0.1	1	7	11	<0.05	3.8
674S553	15.7	4	8.40	1118	39	0.02	0.08	4	88	0.06	0.004	1.13	0.1	1	1	14	<0.05	7.8
674S554	10.4	19	3.82	620	51	0.41	0.36	19	299	0.07	0.039	1.85	0.1	3	8	21	<0.05	3.4
674S555	11.8	26	3.41	437	60	0.42	0.61	24	273	0.06	0.035	1.48	<0.1	2	6	17	<0.05	4.8
674S556	14.3	25	3.93	697	67	0.37	0.58	24	211	0.09	0.039	1.54	<0.1	3	5	16	<0.05	6.3
674S557	10.0	32	3.71	335	69	0.16	0.53	15	121	0.07	0.017	2.32	0.1	2	9	17	<0.05	5.7
674S629	13.1	14	7.71	4806	37	1.09	0.21	15	173	0.02	0.009	1.54	<0.1	2	4	46	0.13	2.3
674S628	8.0	16	3.44	538	36	0.13	0.44	9	59	0.04	0.017	2.32	0.2	2	12	21	0.07	2.3
674S627	13.0	33	3.67	746	63	0.31	0.83	29	307	0.08	0.026	2.04	<0.1	2	6	19	<0.05	6.3
674S626	14.0	27	4.13	779	72	0.29	0.69	21	244	0.11	0.021	2.24	<0.1	2	7	15	<0.05	5.3
674S625	12.9	27	3.94	553	69	0.28	0.73	20	203	0.12	0.018	2.59	<0.1	1	8	16	<0.05	5.1
674S624	7.0	25	3.62	244	64	0.13	0.37	12	95	0.05	0.013	2.28	<0.1	2	8	12	<0.05	3.0
674S431	15.5	45	4.13	671	84	0.27	0.58	18	197	0.07	0.013	1.50	<0.1	2	4	13	<0.05	11.2

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S451	0.6	<0.2	0.9	0.009	0.3	0.7	0.2
674S458	0.6	<0.2	1.1	0.007	0.2	0.9	0.2
674S461	0.5	<0.2	<0.1	0.004	0.2	0.7	0.3
674S460	0.8	<0.2	0.2	0.017	0.2	0.8	0.2
674S465	0.6	<0.2	<0.1	0.039	0.2	0.7	<0.1
674S610	<0.5	<0.2	2.1	0.164	<0.1	0.4	<0.1
674S544	<0.5	<0.2	1.1	0.112	<0.1	0.5	0.1
674S611	<0.5	<0.2	1.0	0.097	<0.1	0.8	0.1
674S453	0.8	<0.2	0.9	0.004	0.2	0.5	0.2
674S452	<0.5	<0.2	0.4	0.011	0.2	0.7	0.1
674S459	<0.5	<0.2	1.4	0.041	<0.1	0.3	0.1
674S462	1.2	<0.2	0.1	0.017	0.4	0.8	0.1
674S463	2.1	<0.2	0.5	0.035	0.2	1.5	0.2
674S464	0.6	<0.2	2.3	0.081	0.2	0.8	0.1
674S617	0.7	<0.2	1.4	0.049	0.2	0.6	<0.1
674S616	0.6	<0.2	1.3	0.058	0.2	0.6	0.1
674S615	<0.5	<0.2	1.8	0.127	<0.1	0.5	<0.1
674S550	<0.5	<0.2	0.2	0.017	0.2	0.9	0.1
674S551	0.6	<0.2	1.0	0.006	0.1	0.7	0.1
674S552	1.1	<0.2	0.4	0.005	0.2	0.8	0.2
674S553	3.5	0.2	0.7	0.002	0.3	0.6	<0.1
674S554	1.4	<0.2	0.9	0.034	0.2	1.6	0.2
674S555	<0.5	<0.2	2.3	0.110	<0.1	0.5	0.1
674S556	<0.5	<0.2	2.2	0.079	0.1	0.9	0.1
674S557	<0.5	<0.2	1.2	0.072	0.1	0.8	0.1
674S629	1.1	<0.2	0.4	0.022	0.1	2.9	0.1
674S628	<0.5	<0.2	1.2	0.077	<0.1	1.2	0.2
674S627	<0.5	<0.2	1.8	0.138	<0.1	1.3	<0.1
674S626	0.6	<0.2	0.6	0.031	0.1	0.6	<0.1
674S625	0.5	<0.2	0.7	0.072	<0.1	0.6	<0.1
674S624	0.7	<0.2	0.6	0.050	0.2	0.7	0.1
674S431	0.7	<0.2	1.3	0.037	0.1	0.5	0.1

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S432	VAN10005230	386372	6341192	L600S	100W	2.8	13.7	<0.1	3.3	26.6	0.09	1.6	9.3	68	0.2	0.118	39.2
674S433	VAN10005230	386422	6341190	L600S	050W	18.8	68.9	0.1	13.3	123.6	0.23	1.9	8.4	101	0.2	0.077	89.5
674S434	VAN10005230	386472	6341187	L600S	000E	492.4	108.7	1.1	48.9	257.2	0.22	1.0	17.3	143	0.8	0.163	116.4
674S435	VAN10005230	386576	6341172	L600S	100E	18.4	40.6	0.2	11.4	73.0	0.08	4.0	9.8	90	0.4	0.110	28.5
674S436	VAN10005230	386627	6341167	L600S	150E	1.8	20.4	0.1	4.1	102.7	0.06	1.3	5.7	53	0.2	0.122	23.7
674S437	VAN10005230	386678	6341162	L600S	200E	5.0	16.9	0.3	2.2	103.0	0.07	7.7	6.7	87	0.5	0.133	40.4
674S438	VAN10005230	386729	6341158	L600S	250E	1.1	8.4	<0.1	1.0	53.6	0.04	3.1	5.1	79	0.4	0.105	12.1
674S439	VAN10005230	386781	6341153	L600S	300E	37.9	69.0	0.5	28.7	173.4	0.24	3.9	11.6	121	0.5	0.103	37.9
674S440	VAN10005230	386832	6341149	L600S	350E	5.6	19.0	0.1	7.9	59.2	0.10	1.4	5.7	62	0.2	0.066	29.5
674S441	VAN10005230	386883	6341144	L600S	400E	3.8	8.8	<0.1	1.5	29.9	0.07	0.8	4.4	61	0.1	0.056	44.8
674S442	VAN10005230	386935	6341139	L600S	450E	7.3	6.8	<0.1	1.0	48.0	0.07	0.7	4.0	60	0.1	0.054	26.3
674S618	VAN10005230	387023	6341165	L600S	550E	4.6	7.1	<0.1	1.0	26.4	0.07	1.1	4.6	71	0.2	0.067	20.6
674S619	VAN10005230	387071	6341160	L600S	600E	0.9	4.6	<0.1	0.9	21.2	0.05	1.1	4.8	77	0.2	0.068	21.2
674S620	VAN10005230	387119	6341155	L600S	650E	5.6	12.3	0.1	0.9	13.0	0.09	2.9	13.8	82	0.2	0.083	3.7
674S621	VAN10005230	387167	6341150	L600S	700E	4.3	11.7	<0.1	2.1	44.4	0.08	1.4	6.2	64	0.2	0.051	39.5
674S622	VAN10005230	387214	6341145	L600S	750E	2.5	10.3	<0.1	4.3	38.8	0.05	2.1	5.8	60	<0.1	0.088	16.0
674S623	VAN10005230	387262	6341140	L600S	800E	0.8	2.8	<0.1	3.1	7.9	0.03	1.4	7.5	24	0.3	0.035	4.8
674S430	VAN10005230	386293	6341163	L650S	180W	58.2	23.2	0.1	5.9	55.0	0.19	0.8	8.7	87	0.2	0.107	74.4
674S429	VAN10005230	386321	6341153	L650S	150W	38.5	18.3	<0.1	7.6	30.1	0.12	1.3	9.9	85	0.1	0.131	40.7
674S428	VAN10005230	386369	6341149	L650S	100W	69.7	21.5	<0.1	5.4	25.5	0.11	1.5	7.7	49	0.1	0.100	31.8
674S427	VAN10005230	386416	6341145	L650S	050W	15.8	22.4	<0.1	5.8	29.1	0.11	1.9	9.3	80	0.2	0.130	32.6
674S426	VAN10005230	386463	6341141	L650S	000E	118.7	321.4	0.7	144.3	305.1	0.52	4.3	26.3	163	0.6	0.104	39.2
674S425	VAN10005230	386511	6341137	L650S	050E	14.9	80.3	0.4	33.9	212.2	0.71	1.2	11.1	135	0.7	0.092	117.2
674S424	VAN10005230	386558	6341133	L650S	100E	3.9	130.7	1.4	31.5	211.9	0.17	2.1	22.5	174	0.9	0.148	62.8
674S485	VAN10005230	386446	6341108	L675S	025W	1253.9	125.7	1.2	41.2	169.0	0.33	1.5	21.1	168	0.5	0.101	221.5
674S486	VAN10005230	386470	6341107	L675S	000E	2.3	95.3	0.1	14.9	104.0	0.67	0.2	7.8	55	0.4	0.044	339.3
674S487	VAN10005230	386495	6341106	L675S	025E	8.4	39.9	<0.1	7.7	51.0	0.14	2.8	8.9	69	0.3	0.070	20.6
674S420	VAN10005230	386264	6341085	L700S	200W	14.5	57.2	0.2	18.6	92.3	0.36	1.2	8.3	98	0.5	0.106	135.6
674S421	VAN10005230	386314	6341084	L700S	150W	7.1	174.1	0.7	11.8	227.1	0.36	1.0	16.5	58	0.8	0.100	56.4
674S422	VAN10005230	386364	6341082	L700S	100W	2.4	14.7	<0.1	2.9	17.2	0.12	0.7	6.2	69	0.2	0.124	50.7
674S423	VAN10005230	386414	6341081	L700S	050W	21.0	254.0	0.4	31.6	218.2	0.41	0.9	18.3	182	1.2	0.091	465.5
674S484	VAN10005230	386444	6341083	L700S	025W	84.9	520.4	1.7	177.7	1469.9	3.38	3.3	26.6	264	2.8	0.116	63.5

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S432	16.5	39	3.39	1124	62	0.47	0.40	27	611	0.10	0.048	1.31	<0.1	3	6	16	0.09	3.4
674S433	17.0	60	5.08	679	96	0.28	0.51	17	130	0.05	0.019	2.43	0.1	2	9	13	<0.05	4.7
674S434	28.1	74	5.75	773	129	0.56	0.40	17	112	0.13	0.010	0.87	<0.1	5	3	11	0.09	19.5
674S435	15.2	26	4.41	758	80	0.16	0.37	14	182	0.08	0.015	2.07	0.1	3	7	12	<0.05	2.8
674S436	30.2	13	6.48	1397	101	0.22	0.12	11	419	0.06	0.009	1.84	<0.1	3	2	11	0.08	8.0
674S437	19.8	18	6.17	1306	100	0.33	0.24	17	295	0.05	0.013	1.62	<0.1	2	6	16	0.09	5.8
674S438	12.4	18	4.44	1113	91	0.11	0.30	9	148	0.05	0.025	1.58	<0.1	2	9	11	0.06	1.1
674S439	13.2	21	4.33	446	65	0.26	0.38	15	120	0.07	0.016	1.06	<0.1	3	4	13	<0.05	6.7
674S440	11.5	30	3.51	487	67	0.34	0.62	23	176	0.06	0.018	1.50	<0.1	2	6	14	<0.05	7.0
674S441	13.1	34	3.92	591	72	0.19	0.82	16	157	0.07	0.016	2.43	<0.1	2	8	15	<0.05	5.3
674S442	16.9	34	4.18	972	81	0.28	0.98	24	305	0.13	0.024	2.71	<0.1	2	8	16	<0.05	10.5
674S618	13.6	34	3.80	913	68	0.25	0.65	20	184	0.09	0.017	2.38	<0.1	2	9	23	<0.05	4.5
674S619	12.3	24	3.45	740	55	0.23	0.66	16	114	0.06	0.018	1.99	0.1	1	8	15	0.06	3.0
674S620	2.2	7	4.94	775	20	0.28	0.09	14	128	0.05	0.029	2.82	0.5	2	23	43	0.09	2.4
674S621	15.4	27	3.97	881	60	0.26	0.75	19	197	0.07	0.024	1.96	<0.1	3	6	19	<0.05	5.3
674S622	9.7	24	3.83	395	70	0.36	0.60	24	211	0.08	0.025	2.23	<0.1	2	7	17	<0.05	5.0
674S623	1.1	7	0.80	124	16	0.20	0.13	10	107	0.15	0.210	0.80	<0.1	2	10	17	0.08	0.9
674S430	13.3	58	4.21	600	80	0.24	0.28	16	156	0.08	0.023	0.95	0.1	4	4	17	<0.05	9.8
674S429	13.5	62	5.01	1170	100	0.12	0.18	9	304	0.07	0.010	1.83	0.1	2	7	14	0.07	4.5
674S428	9.5	32	3.75	429	65	0.11	0.32	10	205	0.04	0.010	2.47	0.2	2	9	13	0.07	1.6
674S427	12.6	33	4.23	1092	73	0.24	0.38	17	264	0.06	0.022	1.57	0.1	2	11	12	0.13	2.1
674S426	13.6	34	4.61	859	85	0.12	0.22	8	81	0.04	0.007	1.55	0.2	2	9	7	0.07	1.8
674S425	21.7	55	5.06	928	73	0.27	0.64	17	145	0.08	0.019	1.66	0.2	3	7	25	<0.05	9.2
674S424	27.3	19	5.82	1161	63	0.45	0.20	15	164	0.14	0.008	0.63	<0.1	5	2	10	<0.05	12.0
674S485	24.8	92	5.44	579	107	0.36	0.58	21	141	0.10	0.032	1.58	0.1	4	5	19	0.07	12.0
674S486	68.6	314	9.01	3314	205	1.39	0.62	35	190	0.07	0.004	0.91	<0.1	5	2	11	0.07	43.5
674S487	6.6	31	3.92	588	69	0.12	0.25	10	61	0.07	0.015	1.75	0.3	4	14	12	0.06	2.3
674S420	31.7	74	5.22	1702	90	0.83	0.47	28	470	0.06	0.013	1.25	<0.1	3	4	19	0.08	9.4
674S421	46.2	52	4.32	1697	103	0.50	0.15	19	360	0.09	0.004	0.82	0.1	4	2	28	<0.05	15.6
674S422	10.1	36	4.08	708	73	0.18	0.18	11	669	0.05	0.006	2.04	0.1	2	6	31	0.07	8.0
674S423	44.0	187	7.92	1003	106	4.77	2.53	153	143	0.06	0.026	1.07	<0.1	3	4	15	0.06	10.6
674S484	20.4	35	5.84	886	81	0.29	0.58	16	115	0.07	0.030	2.00	0.2	3	8	20	0.06	7.3

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S432	<0.5	<0.2	0.7	0.034	<0.1	1.0	0.2
674S433	0.5	<0.2	0.5	0.045	0.2	0.7	0.1
674S434	0.8	0.3	1.5	0.008	0.1	0.5	0.4
674S435	1.1	<0.2	0.3	0.016	0.2	0.7	0.1
674S436	0.9	<0.2	0.6	0.001	0.1	0.4	<0.1
674S437	1.6	<0.2	0.2	0.021	0.2	0.7	0.1
674S438	<0.5	<0.2	0.1	0.015	0.1	0.9	0.1
674S439	0.9	<0.2	1.7	0.032	0.1	1.0	0.1
674S440	<0.5	<0.2	1.6	0.089	<0.1	0.6	0.1
674S441	<0.5	<0.2	1.4	0.083	<0.1	0.7	0.1
674S442	<0.5	<0.2	1.9	0.133	<0.1	0.4	<0.1
674S618	<0.5	<0.2	0.5	0.106	<0.1	0.6	<0.1
674S619	<0.5	<0.2	0.6	0.083	<0.1	0.8	0.1
674S620	0.8	<0.2	2.0	0.069	<0.1	1.8	0.5
674S621	<0.5	<0.2	1.5	0.078	<0.1	1.4	0.1
674S622	0.8	<0.2	0.8	0.058	0.1	0.7	<0.1
674S623	1.2	<0.2	2.9	0.141	<0.1	1.2	0.3
674S430	0.5	<0.2	2.3	0.032	<0.1	0.9	0.2
674S429	<0.5	<0.2	0.3	0.016	0.1	0.9	0.1
674S428	0.5	<0.2	0.2	0.014	0.2	0.7	0.2
674S427	0.6	<0.2	0.3	0.061	<0.1	0.8	0.2
674S426	0.7	<0.2	0.1	0.026	0.6	0.8	0.2
674S425	0.6	<0.2	3.4	0.079	0.2	1.2	0.3
674S424	1.2	<0.2	1.5	0.009	0.2	0.6	0.3
674S485	0.6	<0.2	2.2	0.059	0.1	1.2	0.2
674S486	<0.5	<0.2	0.5	<0.001	<0.1	0.2	0.2
674S487	0.7	<0.2	0.5	0.070	0.1	0.9	0.2
674S420	0.8	<0.2	0.6	0.036	0.1	0.9	0.1
674S421	1.0	0.2	0.7	0.003	0.1	1.1	<0.1
674S422	0.7	<0.2	0.9	0.005	0.2	0.8	0.1
674S423	0.7	<0.2	1.5	0.042	0.1	0.6	0.2
674S484	<0.5	<0.2	2.0	0.082	0.3	1.3	0.2

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line	Grid Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S481	VAN10005230	386469	6341082	L700S	000E	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
674S488	VAN10005230	386494	6341081	L700S	025E	3.0	27.5	<0.1	3.1	37.4	0.27	0.7	5.9	59	0.1	0.175	24.6
674S483	VAN10005230	386443	6341058	L725S	025W	474.4	432.5	0.8	147.1	560.3	1.09	3.1	21.7	201	1.6	0.103	218.9
674S482	VAN10005230	386468	6341057	L725S	000E	93.9	227.0	0.4	56.2	573.8	0.53	1.9	11.4	165	0.5	0.099	89.4
674S489	VAN10005230	386493	6341056	L725S	025E	4.1	10.0	<0.1	5.3	191.1	0.15	0.7	3.5	48	<0.1	0.104	258.3
674S419	VAN10005230	386260	6341032	L750S	200W	8.9	33.9	<0.1	8.6	73.3	0.19	1.0	6.9	55	0.1	0.063	41.4
674S418	VAN10005230	386310	6341030	L750S	150W	4.9	41.4	<0.1	14.8	45.6	0.15	2.1	9.6	78	0.3	0.132	43.3
674S417	VAN10005230	386360	6341029	L750S	100W	28.9	222.1	0.4	42.9	282.6	1.39	1.6	11.1	162	1.2	0.108	294.4
674S416	VAN10005230	386410	6341028	L750S	050W	10.8	34.3	<0.1	8.0	51.6	0.12	1.2	5.9	66	0.2	0.071	39.6
674S415	VAN10005230	386460	6341027	L750S	000E	21.0	16.3	0.1	4.0	28.6	0.10	1.8	6.9	74	0.3	0.061	20.4
674S414	VAN10005230	386510	6341025	L750S	050E	2.4	14.2	<0.1	2.0	209.0	0.20	0.6	2.6	54	0.1	0.078	48.6
674S413	VAN10005230	386560	6341024	L750S	100E	4.4	12.3	<0.1	4.0	26.3	0.06	2.1	7.0	42	<0.1	0.154	15.3
674S407	VAN10005230	386240	6340998	L800S	216W	9.7	30.7	<0.1	8.9	48.9	0.33	1.5	10.9	128	0.5	0.091	58.6
674S408	VAN10005230	386256	6340996	L800S	200W	6.5	25.1	0.2	7.4	41.7	0.27	2.3	9.5	92	0.2	0.127	33.7
674S409	VAN10005230	386306	6340991	L800S	150W	2.6	44.8	<0.1	7.6	29.7	0.16	3.5	14.0	115	0.6	0.182	62.6
674S410	VAN10005230	386357	6340986	L800S	100W	51.4	203.5	1.5	120.9	420.7	0.60	12.4	25.9	165	1.6	0.101	97.1
674S411	VAN10005230	386407	6340980	L800S	050W	234.0	544.7	4.7	736.6	2566.9	2.06	4.4	185.0	657	9.6	0.122	178.9
674S412	VAN10005230	386457	6340975	L800S	000E	4.7	14.8	<0.1	5.0	17.1	0.09	2.1	8.3	51	0.1	0.093	15.5
674S406	VAN10005230	386233	6340946	L850S	216W	3.4	19.9	<0.1	7.3	39.7	0.25	1.0	11.2	71	0.3	0.144	46.6
674S405	VAN10005230	386249	6340945	L850S	200W	15.2	15.6	<0.1	5.0	34.2	0.17	0.8	14.5	79	0.4	0.107	51.7
674S404	VAN10005230	386299	6340941	L850S	150W	3.4	25.0	0.1	7.4	42.0	0.13	2.1	10.8	90	0.2	0.124	33.6
674S403	VAN10005230	386350	6340937	L850S	100W	148.2	141.1	0.6	49.8	166.8	0.31	8.4	20.5	148	0.6	0.147	67.7
674S402	VAN10005230	386400	6340933	L850S	050W	41.8	84.4	0.4	41.2	119.7	0.33	2.5	19.8	688	3.3	0.107	64.8
674S401	VAN10005230	386450	6340929	L850S	000E	36.9	75.2	<0.1	5.8	35.4	0.07	1.5	7.4	62	0.2	0.105	23.2
	Pulp Duplicates:																
674S473	VAN10005230					*	7.5	<0.1	0.7	22.0	0.07	3.0	8.9	85	0.2	0.073	16.7
674S473	VAN10005230					*	6.7	<0.1	0.7	21.6	0.09	2.9	8.6	92	0.2	0.078	17.4
674S521	VAN10005230					25.2	123.3	0.1	6.7	40.1	0.10	2.4	20.3	149	0.5	0.143	70.2

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S481	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
674S488	20.1	29	5.25	1152	112	0.21	0.28	18	525	0.11	0.009	1.99	<0.1	3	4	14	0.08	9.5
674S483	36.7	136	6.50	979	107	0.40	0.67	20	157	0.08	0.023	1.72	<0.1	4	6	16	0.12	13.6
674S482	16.4	69	4.54	733	86	0.20	0.48	14	81	0.07	0.025	2.19	0.2	4	10	15	0.06	7.7
674S489	31.5	136	8.25	824	195	0.15	0.19	6	138	0.05	0.005	2.16	<0.1	2	4	11	<0.05	15.5
674S419	19.1	31	4.06	934	70	0.34	0.60	19	245	0.07	0.010	1.39	<0.1	2	4	9	<0.05	5.0
674S418	15.3	37	4.41	969	73	0.64	0.30	25	175	0.03	0.018	2.40	0.1	2	11	21	0.11	2.8
674S417	53.9	112	7.08	2165	118	1.05	0.54	34	207	0.08	0.012	1.39	0.1	4	5	15	0.11	10.1
674S416	12.7	32	3.84	524	67	0.21	0.64	17	97	0.05	0.017	2.36	<0.1	3	7	10	0.07	3.6
674S415	7.0	27	3.94	401	66	0.16	0.32	13	113	0.04	0.020	2.22	0.2	3	13	16	0.06	2.0
674S414	27.9	41	6.62	1193	141	0.29	0.18	13	283	0.08	0.009	1.46	<0.1	2	4	11	<0.05	19.7
674S413	7.2	22	3.63	536	68	0.17	0.26	11	225	0.03	0.011	1.96	0.1	2	11	18	0.12	1.5
674S407	23.4	44	4.55	1321	72	0.30	0.40	20	221	0.08	0.018	1.57	0.2	3	8	11	0.08	3.9
674S408	9.9	35	5.25	942	71	0.17	0.20	12	214	0.05	0.015	1.94	0.2	2	11	19	0.09	1.6
674S409	15.2	37	4.88	2306	98	0.23	0.14	13	250	0.06	0.027	0.97	0.2	2	11	7	0.14	1.8
674S410	43.2	48	7.25	1241	136	1.15	0.42	24	193	0.07	0.011	0.84	0.1	4	3	14	0.14	9.9
674S411	33.4	118	9.12	1009	99	1.88	1.04	22	199	0.06	0.016	1.30	0.2	4	5	19	0.10	9.4
674S412	6.2	22	3.31	473	66	0.19	0.22	11	126	0.04	0.015	1.77	0.2	1	15	14	0.10	1.2
674S406	21.9	51	3.96	1425	79	0.91	0.32	47	539	0.07	0.009	1.33	0.1	2	5	13	0.08	5.5
674S405	18.7	46	3.62	1413	73	0.63	0.25	41	363	0.11	0.012	0.88	<0.1	5	4	16	0.08	6.4
674S404	15.9	39	4.99	1722	92	0.41	0.24	22	363	0.05	0.011	1.73	0.1	2	9	16	0.12	2.2
674S403	29.0	40	6.64	1218	127	0.23	0.23	12	131	0.06	0.011	1.17	0.2	2	5	13	<0.05	6.7
674S402	13.3	37	5.61	545	79	0.44	0.62	15	173	0.06	0.014	1.92	<0.1	2	6	13	0.06	5.6
674S401	12.2	30	4.09	575	81	0.20	0.49	15	134	0.05	0.009	2.03	0.1	2	7	9	0.08	2.2
674S473	13.8	25	4.32	961	62	0.11	0.57	9	44	0.04	0.024	3.26	0.2	7	13	28	0.09	3.8
674S473	14.4	26	4.33	933	65	0.12	0.55	11	47	0.05	0.025	3.30	0.2	13	14	30	0.05	4.3
674S521	13.0	55	4.46	660	71	0.12	0.50	10	118	0.06	0.010	2.54	0.1	2	9	13	0.12	3.1

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S481	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
674S488	<0.5	<0.2	0.9	0.006	0.2	0.6	<0.1
674S483	0.6	<0.2	2.3	0.069	0.3	1.3	0.2
674S482	0.6	<0.2	1.6	0.055	0.1	1.3	0.3
674S489	0.7	<0.2	0.7	0.002	0.2	0.4	0.1
674S419	0.5	<0.2	0.6	0.017	0.1	0.5	0.1
674S418	0.7	<0.2	0.7	0.064	0.1	1.1	0.2
674S417	0.7	<0.2	0.7	0.033	0.2	0.9	0.2
674S416	<0.5	<0.2	0.5	0.048	0.1	0.6	0.1
674S415	0.8	<0.2	0.3	0.046	<0.1	0.8	0.2
674S414	1.1	<0.2	1.0	<0.001	0.1	0.4	0.1
674S413	0.8	<0.2	0.2	0.044	0.1	1.0	0.1
674S407	<0.5	<0.2	0.6	0.027	0.1	0.7	0.2
674S408	0.7	<0.2	0.3	0.019	0.1	1.2	0.2
674S409	0.7	<0.2	0.3	0.061	0.1	1.0	0.2
674S410	2.2	<0.2	0.8	0.011	0.4	1.2	0.2
674S411	1.1	<0.2	1.2	0.039	0.4	1.2	0.3
674S412	0.6	<0.2	0.2	0.061	0.1	0.9	0.2
674S406	0.6	0.2	0.5	0.013	<0.1	0.8	0.1
674S405	0.8	<0.2	0.7	0.018	<0.1	0.9	0.2
674S404	<0.5	<0.2	0.2	0.025	0.1	1.0	0.2
674S403	1.4	0.2	0.4	0.011	0.3	1.6	0.2
674S402	0.9	<0.2	0.8	0.031	0.2	1.3	0.1
674S401	0.7	<0.2	0.2	0.029	0.2	0.5	0.1
674S473	<0.5	<0.2	2.2	0.195	<0.1	1.5	0.3
674S473	<0.5	<0.2	2.4	0.220	<0.1	1.5	0.4
674S521	0.8	<0.2	0.5	0.015	0.3	0.8	0.2

APPENDIX I - Soil Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Grid Line Station	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	1DX30 Ag ppm 0.1	1DX30 Sb ppm 0.1	1DX30 Cu ppm 0.1	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1	1DX30 Pb ppm 0.1	1DX30 Zn ppm 1	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1
674S521	VAN10005230				33.2	134.6	0.1	7.0	43.6	0.10	2.6	21.1	162	0.6	0.153	75.7
674S542	VAN10005230				78.5	82.0	1.2	129.1	229.7	0.44	2.1	89.9	195	1.6	0.105	71.2
674S542	VAN10005230				73.4	84.2	1.3	127.6	232.4	0.43	2.1	89.1	205	1.5	0.094	72.9
674S552	VAN10005230				2.1	19.5	0.1	2.2	108.0	0.03	9.8	6.5	122	0.9	0.183	30.1
674S552	VAN10005230				2.6	18.7	0.1	2.1	104.2	0.03	9.5	6.2	120	0.9	0.180	29.1
674S565	VAN10005230				8.7	56.1	0.1	8.9	33.7	0.14	2.2	13.6	122	0.2	0.123	96.9
674S565	VAN10005230				9.3	56.5	0.1	9.0	34.2	0.13	2.4	13.8	125	0.1	0.122	97.8
674S610	VAN10005230				1.6	4.7	<0.1	0.9	39.1	0.05	0.9	3.8	65	0.2	0.105	18.2
674S610	VAN10005230				1.0	4.2	<0.1	0.8	38.8	0.05	0.8	4.0	68	0.2	0.101	19.1
674S613	VAN10005230				3.2	4.3	<0.1	0.6	13.6	0.05	2.3	5.0	53	0.2	0.064	10.7
674S613	VAN10005230				<0.5	4.1	<0.1	0.5	12.4	0.05	2.0	5.1	48	0.2	0.060	10.3
674S415	VAN10005230				21.0	16.3	0.1	4.0	28.6	0.10	1.8	6.9	74	0.3	0.061	20.4
674S415	VAN10005230				44.8	16.2	0.1	3.9	27.3	0.10	1.7	6.8	74	0.3	0.062	19.9
674S434	VAN10005230				492.4	108.7	1.1	48.9	257.2	0.22	1.0	17.3	143	0.8	0.163	116.4
674S434	VAN10005230				216.7	108.1	1.0	49.1	251.7	0.22	1.1	17.4	141	0.8	0.155	108.7
674S442	VAN10005230				7.3	6.8	<0.1	1.0	48.0	0.07	0.7	4.0	60	0.1	0.054	26.3
674S442	VAN10005230				6.9	6.8	<0.1	1.1	50.1	0.08	0.6	4.0	61	0.1	0.057	26.9
674S458	VAN10005230				20.1	172.7	0.4	30.8	185.8	0.29	1.4	19.3	182	0.6	0.122	202.7
674S458	VAN10005230				17.7	178.0	0.4	32.6	186.0	0.29	1.5	19.7	189	0.6	0.122	207.7
674S634	VAN10005230				22.8	30.7	<0.1	6.3	39.6	0.26	3.2	8.7	118	0.1	0.088	75.3
674S634	VAN10005230				21.8	29.9	<0.1	6.0	39.1	0.25	3.1	8.6	118	0.2	0.089	75.6
674S499	VAN10005230				I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
674S499	VAN10005230															
	Standard:															
STD DS7	VAN10005230				79.2	56.6	1.0	6.8	131.3	0.21	22.8	70.3	433	7.7	0.093	61.8
STD DS7	VAN10005230				60.7	59.2	0.9	5.9	114.6	0.20	21.6	59.9	411	6.6	0.076	55.4

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
674S521	14.2	60	5.01	732	80	0.14	0.51	12	120	0.07	0.013	2.66	0.2	3	10	13	0.12	3.6
674S542	17.7	38	5.33	579	78	0.39	0.56	16	120	0.08	0.027	1.38	0.1	3	6	19	0.05	7.6
674S542	17.6	36	5.02	535	66	0.33	0.52	17	114	0.06	0.027	1.33	0.1	3	6	19	<0.05	6.6
674S552	27.2	24	6.40	1543	135	0.09	0.57	7	149	0.06	0.018	1.90	<0.1	1	7	11	<0.05	3.8
674S552	26.0	23	6.17	1498	132	0.08	0.56	7	144	0.05	0.017	1.86	<0.1	2	7	10	<0.05	3.7
674S565	13.8	52	5.75	758	78	0.34	0.35	11	197	0.04	0.011	2.21	0.1	1	9	15	0.05	3.0
674S565	14.2	54	5.89	766	78	0.33	0.36	11	194	0.04	0.011	2.25	0.1	2	9	15	0.05	3.0
674S610	16.1	27	3.94	1143	69	0.57	0.81	43	280	0.20	0.064	1.90	<0.1	3	6	20	<0.05	9.2
674S610	16.5	26	3.88	1171	67	0.54	0.80	45	274	0.20	0.055	1.81	<0.1	4	6	20	<0.05	8.4
674S613	7.5	19	3.89	439	51	0.13	0.41	12	62	0.06	0.017	2.11	0.1	2	11	19	<0.05	2.4
674S613	6.7	17	3.59	414	47	0.12	0.39	11	58	0.05	0.017	1.99	0.1	2	10	19	0.06	2.4
674S415	7.0	27	3.94	401	66	0.16	0.32	13	113	0.04	0.020	2.22	0.2	3	13	16	0.06	2.0
674S415	7.0	28	3.89	404	68	0.17	0.32	13	112	0.04	0.020	2.28	0.2	2	13	15	0.08	2.1
674S434	28.1	74	5.75	773	129	0.56	0.40	17	112	0.13	0.010	0.87	<0.1	5	3	11	0.09	19.5
674S434	28.3	77	5.82	771	131	0.56	0.40	18	120	0.14	0.007	0.90	<0.1	6	3	11	0.09	19.5
674S442	16.9	34	4.18	972	81	0.28	0.98	24	305	0.13	0.024	2.71	<0.1	2	8	16	<0.05	10.5
674S442	16.9	34	4.08	963	79	0.29	0.96	24	316	0.13	0.022	2.69	<0.1	2	8	17	<0.05	10.9
674S458	28.4	58	5.88	553	83	0.33	0.30	12	461	0.13	0.009	1.09	<0.1	4	4	11	<0.05	11.8
674S458	28.7	59	5.97	575	84	0.34	0.30	12	467	0.14	0.010	1.07	<0.1	4	4	11	<0.05	12.2
674S634	13.9	55	5.01	796	68	0.16	0.59	12	80	0.07	0.018	3.05	0.2	3	10	15	<0.05	3.5
674S634	14.2	53	4.99	784	69	0.16	0.59	12	81	0.07	0.018	3.03	0.2	4	10	15	<0.05	3.7
674S499	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
674S499																		
STD DS7	10.9	188	2.61	669	92	1.03	1.13	79	404	0.50	0.108	1.10	5.2	42	5	15	0.25	3.3
STD DS7	9.5	173	2.23	566	77	0.89	0.92	73	387	0.46	0.097	1.00	4.3	37	5	12	0.27	2.6

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674S521	0.9	<0.2	0.6	0.016	0.3	0.8	0.2
674S542	0.8	<0.2	2.2	0.084	0.3	1.2	0.3
674S542	0.6	<0.2	2.0	0.075	0.3	1.1	0.3
674S552	1.1	<0.2	0.4	0.005	0.2	0.8	0.2
674S552	1.1	<0.2	0.4	0.005	0.2	0.8	0.2
674S565	<0.5	<0.2	0.3	0.024	0.2	0.8	0.1
674S565	<0.5	<0.2	0.3	0.024	0.2	0.8	0.1
674S610	<0.5	<0.2	2.1	0.164	<0.1	0.4	<0.1
674S610	<0.5	<0.2	2.1	0.161	<0.1	0.4	<0.1
674S613	<0.5	<0.2	0.9	0.120	<0.1	1.1	0.1
674S613	<0.5	<0.2	0.8	0.111	<0.1	1.1	0.1
674S415	0.8	<0.2	0.3	0.046	<0.1	0.8	0.2
674S415	0.8	0.4	0.3	0.049	<0.1	0.8	0.1
674S434	0.8	0.3	1.5	0.008	0.1	0.5	0.4
674S434	1.0	0.2	1.5	0.006	0.1	0.5	0.4
674S442	<0.5	<0.2	1.9	0.133	<0.1	0.4	<0.1
674S442	<0.5	<0.2	1.9	0.133	<0.1	0.4	0.1
674S458	0.6	<0.2	1.1	0.007	0.2	0.9	0.2
674S458	0.6	<0.2	1.2	0.008	0.1	0.9	0.2
674S634	1.5	<0.2	1.1	0.031	0.2	1.1	0.2
674S634	0.9	<0.2	0.9	0.035	0.2	1.1	0.2
674S499	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
674S499							
STD DS7	3.2	1.4	5.2	0.147	4.2	5.1	3.7
STD DS7	3.0	1.4	4.2	0.122	3.7	4.2	3.5

APPENDIX I - Soil Geochemistry

		UTM		Grid	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
					Au	**As**	**Ag**	**Sb**	**Cu**	**Hg**	**Mo**	**Pb**	**Zn**	**Cd**	**P**	**Ni**
	Acme	**East**	**North**	**Line Station**	PPB	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample ID	**Rpt #**				0.5	0.5	0.1	0.1	0.1	0.01	0.1	0.1	1	0.1	0.001	0.1
STD DS7	VAN10005230				69.0	55.9	1.0	6.4	120.9	0.24	22.0	69.9	417	6.9	0.081	60.1
STD DS7	VAN10005230				65.0	50.4	1.0	6.3	107.1	0.21	19.9	70.5	380	6.3	0.075	52.9
STD DS7	VAN10005230				68.2	54.8	0.9	5.9	111.8	0.22	20.3	68.9	391	6.7	0.088	57.5
STD DS7	VAN10005230				80.6	52.6	1.0	6.4	117.6	0.23	20.6	71.8	395	6.4	0.080	57.1
STD DS7	VAN10005230				69.9	55.3	1.0	6.2	121.5	0.23	23.5	72.7	416	6.6	0.082	62.1
STD DS7	VAN10005230				72.3	54.8	1.0	5.9	118.8	0.23	21.6	71.2	405	6.6	0.085	56.9
STD DS7	VAN10005230				89.2	50.1	1.0	5.9	102.5	0.22	21.3	70.0	370	5.6	0.074	52.1
STD DS7	VAN10005230				59.1	50.7	0.9	6.0	104.5	0.19	19.3	66.4	371	5.8	0.080	53.2
STD DS7 **	VAN10005230				67.1	47.5	0.9	4.4	103.0	0.20	19.6	66.7	384	5.7	0.073	52.8
OREAS45PA **	VAN10005230				45.5	4.3	0.3	0.2	536.8	0.03	0.8	17.9	113	<0.1	0.033	255.4
	Analytical Blanks:															
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1
BLK **	VAN10005230				<0.5	<0.5	<0.1	<0.1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.001	<0.1

Discovery Consultants
Agnes Koffyberg, PGeo
2010.11.30

APPENDIX I - Soil Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Co	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**	**Na**	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**
	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
Sample ID	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01	0.001	0.01	0.1	1	1	1	0.05	0.1
STD DS7	9.9	201	2.54	667	89	0.99	1.09	77	403	0.50	0.102	1.06	4.8	39	5	13	0.18	2.8
STD DS7	8.8	173	2.25	584	78	0.88	1.00	73	394	0.44	0.091	0.96	4.8	36	5	13	0.19	2.4
STD DS7	10.0	186	2.47	638	84	0.95	1.02	73	404	0.46	0.097	1.07	5.0	42	5	13	0.21	2.7
STD DS7	10.0	186	2.43	638	86	0.96	1.04	75	417	0.46	0.096	1.00	4.9	38	5	14	0.21	2.6
STD DS7	10.3	218	2.50	653	94	1.00	1.13	88	426	0.51	0.116	1.11	4.8	40	5	16	0.17	2.9
STD DS7	10.1	191	2.45	636	88	0.99	1.06	75	405	0.47	0.100	1.05	4.9	39	5	13	0.19	2.6
STD DS7	8.5	203	2.36	597	80	0.91	1.00	76	392	0.47	0.092	1.00	4.3	35	4	14	0.18	2.5
STD DS7	9.1	176	2.27	591	80	0.85	1.01	67	384	0.44	0.088	0.99	4.6	37	4	12	0.14	2.4
**STD DS7 ** **	8.7	185	2.24	572	76	0.84	1.00	71	377	0.44	0.091	1.01	4.5	44	5	12	0.19	2.4
**OREAS45PA ** **	98.5	678	15.42	985	189	0.22	0.11	13	171	0.07	0.010	3.08	0.2	<20	16	15	<0.05	40.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
BLK	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1
**BLK ** **	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01	<0.001	<0.01	<0.1	<20	<1	<1	<0.05	<0.1

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Se	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.5	0.2	0.1	0.001	0.1	0.1	0.1
STD DS7	3.4	1.3	4.6	0.127	4.1	4.9	3.9
STD DS7	3.3	1.3	4.6	0.123	4.2	5.0	3.7
STD DS7	3.5	1.4	4.7	0.122	4.2	4.9	3.8
STD DS7	3.0	1.6	5.2	0.126	4.2	4.9	3.9
STD DS7	3.5	0.9	5.3	0.146	4.3	5.3	3.7
STD DS7	3.4	1.6	4.9	0.125	4.2	4.9	3.4
STD DS7	3.6	1.0	4.8	0.123	4.0	5.0	3.3
STD DS7	3.3	1.2	4.3	0.113	3.8	4.6	3.5
**STD DS7 ** **	3.3	0.7	4.7	0.116	3.9	5.1	3.4
**OREAS45PA ** **	0.5	<0.2	6.2	0.126	<0.1	1.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
BLK	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
**BLK ** **	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1

APPENDIX II

Rock Descriptions

APPENDIX II - Rock Descriptions

BAM PROPERTY

ROCK SAMPLE DESCRIPTIONS

SAMPLE ID	UTM (NAD 83) East	UTM (NAD 83) North	SAMPLE TYPE	LOCATION	Au ppb	Cu ppm or %	Ag ppm or g/t	Sb ppm or %	As ppm or %	DESCRIPTION
674RT001	387010	6341963	float	south of Hook Lake	9	1578	6.1	1415.0	95.6	Malachite and azurite on large, beige weathering boulder on outcrop of same material. Limestone / dolostone, fractured
674RT002	386434	6341056	grab	Jan prospect	295	3304	2.2	478.8	1467.0	Cu stain on fractured on altered limestone, with fracture coatings of malachite and minor azurite. Trace qtz
674RT003	386436	6341080	float	Jan prospect	<1	7.98%	29.8	0.869 %	3.39 %	Frost heaved float from sample site at L700S, 25W. Abundant Cu stain - malachite and azurite, and tetrahedrite. Rock effervesces slightly - dolomitic limestone host.
674RT004	386450	6341094	grab	Jan prospect	84	3.41%	17.9	0.626 %	0.98 %	Outcrop with Cu stain. Lots of fractures. Malachite, azurite and tetrahedrite.
674RT005	386451	6341107	grab	Jan prospect	1	458	0.6	50.7	157.4	Outcrop with Cu stain. Rusty brown limonitic weathering. Abundant fractures. Minor Cu staining.
674RT006	386470	6341110	grab	Jan prospect	14	4255	2.3	643.3	1063.9	Outcrop with Cu stain. Yellow-brown weathering. Fractures strike 058° - 062°, dip vertical on dominant fracture set.
674RT007	386437	6341123	grab	Jan prospect	<1	952	1.1	225.6	175.5	Outcrop of black altered limy shale. Trace Cu stain.
674RT008	386492	6341178	grab	Jan prospect	<1	4.37 %	35.5	1.787 %	0.96 %	Outcrop with abundant malachite and azurite stain, located above historic trench
674RT009	386489	6341189	grab	Jan prospect	<1	18.0%	159 g/t	7.587 %	3.75 %	High grade Cu stain above historic trench
674RT010	386932	6341913	grab	south of Hook Lake	<1	268	0.3	91.3	55.0	Outcrop. Breccia with resistant weathering, brown silica. Dolomite has red to yellow brown weathering
674RT011	387005	6341964	grab	south of Hook Lake	30	0.41 %	47.0	0.39 %	404.5	Outcrop near RT001. Carbonate containing possible black altered shale. Cu stain.
674RT012	386941	6341900	float	south of Hook Lake	<1	29	0.1	18.3	9.2	Frost heaved rubble with silica chunks in high relief against brown, limonite weathered carbonate rock. Strong weathering gives the appearance of a breccia.
674RT013	386968	6341914	grab	south of Hook Lake	<1	20	<0.1	17.6	4.4	Outcrop of red-brown carbonate, frost shattered. A few flecks of high weathering white material. No Cu stain
674RT014	386955	6341943	grab	south of Hook Lake	18	0.54 %	6.7	0.229 %	428.5	Outcrop of dolomite containing azurite and malachite stain on some fractures
674RT015	386943	6341971	float	south of Hook Lake	2	47	0.1	20.3	29.9	Near source talus material, white calcite as fracture fillings in brown weathering carbonate float downslope from outcrop
674RT016	386943	6341973	float	south of Hook Lake	4	885	0.8	158.7	180.1	Near source float in talus of light and dark chert breccia in dolomite, with minor Cu stain on fractures

APPENDIX II - Rock Descriptions

SAMPLE ID	UTM (NAD 83) East	UTM (NAD 83) North	SAMPLE TYPE	LOCATION	Au ppb	Cu ppm or %	Ag ppm or g/t	Sb ppm or %	As ppm or %	DESCRIPTION
674RT017	386942	6341971	float	south of Hook Lake	14	122	0.5	44.5	73.6	Black chert. Talus debris near source to outcrop.
674RT018	386946	6342074	grab	historic trench, south of Hook Lake	1248	160	6.4	95.1	190.6	Cherty iron formation, rusty hematitic with old trench. Trench is hand dug 1 m x 4 m long, trending N-S
674RT019	386945	6342072	grab	historic trench, south of Hook Lake	107	77	1.7	34.2	91.5	Grey chert material from same trench
674RT020	386944	6342070	grab	historic trench, south of Hook Lake	28	77	2.0	33.9	132.9	North end of trench. Grey, speckled cherty material
694RM001	386396	6340987	grab	south of Jan prospect	16	6937	3.8	1334.5	1948.5	Dolomitic limestone with limonite staining on weathered surface. Malachite and azurite in fractures and as coatings and as blooms. Black, earthy, and occasional steel grey, massive tetrahedrite with malachite and azurite. A few vugs
694RM002	386533	6341343	grab	Jan prospect	2	25	<0.1	9.5	22.2	Bull quartz. Abundant limonite on surface. Trace carbonate in fractures.
694RM003	386563	6341309	grab	Jan prospect	<1	5	<0.1	2.3	5.6	White to light grey chert. Orange limonitic on weathered surface. Limy fractures
694RM004	386788	6341722	grab	south of Hook Lake	1	15	<0.1	5.3	8.8	Ultramafic rock. Sugary grey texture. Black earthy to platey biotite. Strongly weathered to red-brown limonite and jarosite. Biotite as fracture fill and as massive grains, up to 5%. Heavy sample
694RM005	386805	6341736	grab	south of Hook Lake	<1	8	<0.1	4.6	8.5	Chert, sugary to cryptocrystalline, medium grey. Strong weathering with limonite on surface. Weathering has produced resistant angular quartz nodules above the surface
694RM006	387046	6341793	grab	south of Hook Lake	3	76	0.2	18.6	126.4	Very siliceous dolomitic limestone, mottled mix of dark grey chert and light grey carbonate. Abundant hairline carbonate fractures and occasional thin calcite veinlets. Somewhat rotten on surface. Black earthy mineral - possible organic content in limestone
694RM007	386804	6341840	grab	south of Hook Lake	288	116	1.0	42.3	1086.5	Very siliceous dolomitic limestone, similar to 674RM006. Brown, rotten on surface. Light grey to dark grey, sugary on fresh. Heavy and dense. Trace carbonate fractures. Could also be called a limy chert.
694RM008	387049	6341222	grab		1	8	<0.1	3.2	8.6	Very siliceous dolomitic limestone, with interbedded chert. Light grey to dark grey, mottled and limy. Rotten on surface and strongly weathered.
694RM009	387028	6341204	grab		19	3	<0.1	1.5	8.2	Siliceous dolomitic limestone, light grey
694RM010	387164	6341446	grab		2	55	0.1	14.0	16.3	Siliceous dolomitic limestone, mottled, dark grey, sugary with dark grey siliceous fracture fill and hairline fractures. Light brown limonite on surface
694RM011	387180	6341736	grab	south of Hook Lake	322	17	3.6	11.6	305.1	Blue-grey to black chert with abundant pyrite as tiny grains and as stringers. Rotten rock, with yellow to orange limonite on surface.

APPENDIX III

Rock Geochemistry

APPENDIX III - Rock Geochemistry

Bearclaw Capital Corp.

Rock Sample Results (2010)

Project 674
Bam Property

Sample ID	Acme Rpt #	UTM East	UTM North	Wt. kg 0.01	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	7AR As % 0.01	1DX30 Ag ppm 0.1	FA/AA Ag g/t 50	1DX30 Sb ppm 0.1	7AR Sb % 0.001	1DX30 Cu ppm 0.1	7AR Cu % 0.001	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1
674RT001	van10005229	387010	6341963	2.69	9.1	95.6		6.1		1415.0		1578.2		10.18	0.3
674RT002	van10005229	386434	6341056	1.84	295.2	1467.0		2.2		478.8		3303.9		9.88	0.9
674RT003	van10005229	386436	6341080	1.23	<0.5	>10000.0	3.39	29.8		>2000.0	0.869	>10000.0	7.983	>50.00	66.2
674RT004	van10005229	386450	6341094	1.14	83.5	9670.0	0.98	17.9		>2000.0	0.626	>10000.0	3.409	>50.00	12.4
674RT005	van10005229	386451	6341107	1.20	1.0	157.4		0.6		50.7		458.0		5.63	0.3
674RT006	van10005229	386470	6341110	1.94	13.7	1063.9		2.3		643.3		4254.8		20.66	1.2
674RT007	van10005229	386437	6341123	1.05	<0.5	175.5		1.1		225.6		951.8		4.52	0.5
674RT008	van10005229	386492	6341178	1.95	<0.5	9992.3	0.96	35.5		>2000.0	1.787	>10000.0	4.372	>50.00	0.9
674RT009	van10005229	386489	6341189	1.54	<0.5	>10000.0	3.75	>100.0	159	>2000.0	7.587	>10000.0	18.010	>50.00	9.8
674RT010	van10005229	386932	6341913	1.61	<0.5	55.0		0.3		91.3		268.3		2.72	0.1
674RT011	van10005229	387005	6341964	1.48	29.5	404.5	0.04	47.0		>2000.0	0.390	3917.6	0.406	20.29	9.0
674RT012	van10005229	386941	6341900	1.39	<0.5	9.2		0.1		18.3		29.2		0.35	0.3
674RT013	van10005229	386968	6341914	1.05	<0.5	4.4		<0.1		17.6		19.8		0.29	0.2
674RT014	van10005229	386955	6341943	1.10	18.2	428.5	0.05	6.7		>2000.0	0.229	5003.1	0.544	35.30	0.6
674RT015	van10005229	386943	6341971	1.15	1.6	29.9		0.1		20.3		47.4		0.42	0.3
674RT016	van10005229	386943	6341973	1.07	3.6	180.1		0.8		158.7		884.7		2.17	0.5
674RT017	van10005229	386942	6341971	1.76	13.6	73.6		0.5		44.5		122.1		0.36	1.3
674RT018	van10005229	386946	6342074	0.92	1248.2	190.6		6.4		95.1		159.5		1.26	2.0
674RT019	van10005229	386945	6342072	0.93	106.9	91.5		1.7		34.2		76.9		0.54	0.9
674RT020	van10005229	386944	6342070	1.21	28.3	132.9		2.0		33.9		77.2		0.68	0.5
674RM001	van10005229	386396	6340987	0.86	16.3	1948.5		3.8		1334.5		6936.7		>50.00	0.1
674RM002	van10005229	386533	6341343	0.89	2.2	22.2		<0.1		9.5		25.0		0.28	0.6
674RM003	van10005229	386563	6341309	0.54	<0.5	5.6		<0.1		2.3		4.7		0.10	<0.1
674RM004	van10005229	386788	6341722	0.93	1.0	8.8		<0.1		5.3		15.4		0.23	<0.1
674RM005	van10005229	386805	6341736	0.79	<0.5	8.5		<0.1		4.6		7.6		0.20	<0.1

APPENDIX III - Rock Geochemistry

Sample ID	1DX30 Pb ppm 0.1	7AR Pb % 0.01	1DX30 Zn ppm 1	7AR Zn % 0.01	1DX30 Cd ppm 0.1	1DX30 P % 0.001	1DX30 Ni ppm 0.1	1DX30 Co ppm 0.1	1DX30 Cr ppm 1	1DX30 Fe % 0.01	1DX30 Mn ppm 1	1DX30 V ppm 2	1DX30 Ca % 0.01	1DX30 Mg % 0.01	1DX30 Sr ppm 1	1DX30 Ba ppm 1	1DX30 K % 0.01
674RT001	918.4		478		9.5	0.012	36.5	5.6	5	1.74	470	14	18.37	8.05	54	5	<0.01
674RT002	8.8		461		8.6	0.042	175.4	44.6	207	3.02	1021	63	12.52	4.57	107	38	0.04
674RT003	274.9	0.03	8061	0.80	68.6	0.025	64.3	165.2	25	5.02	1001	3	16.07	6.97	38	26	0.01
674RT004	135.1	0.01	3525	0.36	52.4	0.026	105.9	50.8	144	4.16	1530	49	13.17	5.92	134	90	0.03
674RT005	6.7		102		1.2	0.033	613.9	48.4	203	2.28	1463	44	14.31	6.07	189	9	<0.01
674RT006	9.2		436		7.1	0.029	89.8	26.0	162	2.48	752	72	11.72	4.82	147	20	<0.01
674RT007	9.9		151		2.5	0.124	75.2	20.0	55	3.03	938	123	10.54	3.70	67	9	0.02
674RT008	50.5	<0.01	6727	0.65	71.1	0.019	42.9	38.4	6	2.65	949	<2	19.26	9.10	29	14	<0.01
674RT009	538.0	0.10	>10000	2.66	925.9	0.004	41.0	122.6	11	1.19	408	<2	10.08	4.91	33	38	<0.01
674RT010	4.0		51		1.5	0.002	16.5	2.5	8	1.03	272	<2	4.27	1.90	12	6	<0.01
674RT011	3473.0	0.36	609	0.07	13.4	0.023	212.9	45.8	57	2.16	738	49	10.37	4.36	71	135	0.02
674RT012	12.4		21		0.3	0.006	12.7	1.5	13	0.90	202	<2	3.76	1.68	13	5	<0.01
674RT013	8.3		34		0.2	0.005	60.8	5.0	1	3.47	891	<2	18.35	7.24	72	2	<0.01
674RT014	37.6	<0.01	593	0.08	12.1	0.046	50.0	8.3	8	2.70	676	10	17.90	7.60	66	12	<0.01
674RT015	5.9		75		0.5	0.025	37.0	3.9	6	1.78	483	9	15.76	6.07	70	6	<0.01
674RT016	4.7		147		2.7	0.008	29.3	3.2	8	1.40	357	10	11.51	5.07	37	4	<0.01
674RT017	10.4		46		0.7	0.065	45.7	9.2	28	1.61	424	28	5.76	2.23	42	77	0.04
674RT018	36.3		64		0.4	0.130	30.1	12.9	13	3.60	1214	40	0.59	0.21	12	46	0.06
674RT019	12.8		38		0.5	0.056	42.4	11.7	13	1.91	2319	26	2.09	0.69	33	141	0.05
674RT020	28.4		38		0.3	0.094	33.6	13.6	14	2.75	3700	45	6.40	1.74	73	316	0.06
674RM001	3.0		1018		14.6	0.009	32.6	14.1	4	1.84	556	8	20.39	11.40	65	2	<0.01
674RM002	10.1		50		0.4	0.014	54.8	4.8	8	2.56	620	<2	10.99	4.49	44	9	<0.01
674RM003	7.4		21		0.2	0.004	21.3	2.1	2	1.52	496	<2	16.30	7.54	47	179	<0.01
674RM004	1.6		39		0.7	0.006	24.5	2.5	2	1.96	775	<2	17.95	8.31	42	4	<0.01
674RM005	4.9		62		0.8	0.008	34.5	3.4	1	2.31	926	<2	20.48	9.69	51	5	<0.01

APPENDIX III - Rock Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Na	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**	**Se**	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.001	0.01	0.1	1	1	1	0.05	0.1	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674RT001	0.009	0.05	<0.1	<1	<1	<1	0.08	1.1	<0.5	<0.2	<0.1	<0.001	<0.1	0.6	<0.1
674RT002	0.010	0.23	<0.1	1	<1	3	0.31	9.7	0.8	<0.2	0.4	<0.001	0.1	1.8	<0.1
674RT003	<0.001	0.10	0.4	<1	<1	2	3.26	<0.1	5.3	<0.2	<0.1	<0.001	0.3	1.2	0.3
674RT004	<0.001	0.16	4.4	<1	<1	<1	0.86	6.2	2.1	<0.2	0.1	<0.001	<0.1	12.3	<0.1
674RT005	0.006	0.24	<0.1	<1	<1	2	<0.05	10.8	<0.5	<0.2	0.1	<0.001	<0.1	0.5	<0.1
674RT006	0.004	0.19	0.2	<1	<1	2	0.11	9.4	<0.5	<0.2	0.2	<0.001	<0.1	0.3	<0.1
674RT007	0.008	0.46	<0.1	<1	1	7	<0.05	13.3	<0.5	0.2	1.1	0.001	<0.1	1.0	<0.1
674RT008	<0.001	0.01	0.8	<1	<1	<1	2.20	<0.1	13.7	19.9	0.3	<0.001	<0.1	0.1	<0.1
674RT009	<0.001	0.01	<0.1	<1	<1	<1	3.37	<0.1	<0.5	<0.2	0.1	<0.001	<0.1	0.2	<0.1
674RT010	0.006	0.02	<0.1	<1	<1	<1	<0.05	0.1	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1
674RT011	0.005	0.15	<0.1	<1	<1	<1	0.35	5.7	0.8	8.3	0.2	<0.001	0.2	0.5	0.1
674RT012	0.004	0.03	<0.1	<1	<1	<1	<0.05	0.3	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1
674RT013	0.019	0.03	<0.1	<1	<1	3	<0.05	0.2	<0.5	<0.2	<0.1	<0.001	<0.1	0.3	<0.1
674RT014	0.013	0.11	<0.1	<1	<1	<1	0.31	1.9	<0.5	0.2	0.2	<0.001	<0.1	0.7	<0.1
674RT015	0.009	0.06	<0.1	<1	<1	1	<0.05	1.0	<0.5	0.4	<0.1	<0.001	<0.1	0.7	<0.1
674RT016	0.007	0.04	<0.1	<1	<1	<1	<0.05	0.7	<0.5	<0.2	<0.1	<0.001	<0.1	0.3	<0.1
674RT017	0.004	0.20	<0.1	<1	<1	3	0.12	5.0	<0.5	<0.2	0.5	<0.001	<0.1	0.5	<0.1
674RT018	0.001	0.25	<0.1	<1	<1	2	0.45	5.8	1.8	0.2	0.5	0.001	0.6	0.3	0.8
674RT019	0.002	0.20	<0.1	<1	<1	3	0.31	5.2	0.6	<0.2	0.3	<0.001	0.3	0.2	0.5
674RT020	0.003	0.24	<0.1	<1	<1	5	0.29	7.0	<0.5	<0.2	0.5	<0.001	0.5	0.2	0.9
674RM001	<0.001	0.03	<0.1	<1	<1	1	0.31	0.4	2.6	<0.2	<0.1	<0.001	<0.1	0.3	<0.1
674RM002	0.008	0.05	<0.1	<1	<1	<1	<0.05	0.9	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1
674RM003	0.004	0.01	<0.1	<1	<1	2	<0.05	0.2	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1
674RM004	0.005	0.02	<0.1	<1	<1	1	<0.05	0.4	<0.5	0.2	<0.1	<0.001	<0.1	0.1	<0.1
674RM005	0.005	0.02	<0.1	<1	<1	1	<0.05	0.4	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1

APPENDIX III - Rock Geochemistry

Sample ID	Acme Rpt #	UTM East	UTM North	Wt. kg 0.01	1DX30 Au PPB 0.5	1DX30 As ppm 0.5	7AR As % 0.01	1DX30 Ag ppm 0.1	FA/AA Ag g/t 50	1DX30 Sb ppm 0.1	7AR Sb % 0.001	1DX30 Cu ppm 0.1	7AR Cu % 0.001	1DX30 Hg ppm 0.01	1DX30 Mo ppm 0.1
674RM006	van10005229	387046	6341793	0.87	3.4	126.4		0.2		18.6		76.2		1.14	<0.1
674RM007	van10005229	386804	6341840	0.90	288.1	1086.5		1.0		42.3		115.7		0.54	0.2
674RM008	van10005229	387049	6341222	0.80	0.6	8.6		<0.1		3.2		8.0		0.08	0.3
674RM009	van10005229	387028	6341204	0.82	19.0	8.2		<0.1		1.5		2.7		0.09	<0.1
674RM010	van10005229	387164	6341446	0.71	1.6	16.3		0.1		14.0		55.3		0.80	0.2
674RM011	van10005229	387180	6341736	0.85	322.1	305.1		3.6		11.6		17.3		0.94	8.6
	Pulp Duplicates:														
674RT012	van10005229			1.39	<0.5	9.2		0.1		18.3		29.2		0.35	0.3
674RT012	van10005229				<0.5	9.4		0.1		18.3		30.7		0.40	0.4
	Preparation Duplicates:														
674RT003	van10005229			1.23	<0.5	>10000.0		29.8		>2000.0		>10000.0		>50.00	66.2
674RT003	van10005229				<0.5	>10000.0		33.2		>2000.0		>10000.0		>50.00	52.1
	Reference Materials:														
STD DS7	van10005229				64.6	52.8		1.1		6.3		115.7		0.24	21.3
STD DS7	van10005229				67.3	50.1		1.0		6.0		109.4		0.30	20.1
BLK	van10005229				<0.5	<0.5		<0.1		0.7		4.7		0.06	<0.1
	Prep Wash:														
G1	van10005229			<0.01	3.6	<0.5		<0.1		0.1		2.5		0.01	<0.1
G1	van10005229			<0.01	1.2	<0.5		<0.1		0.5		5.1		0.06	0.1

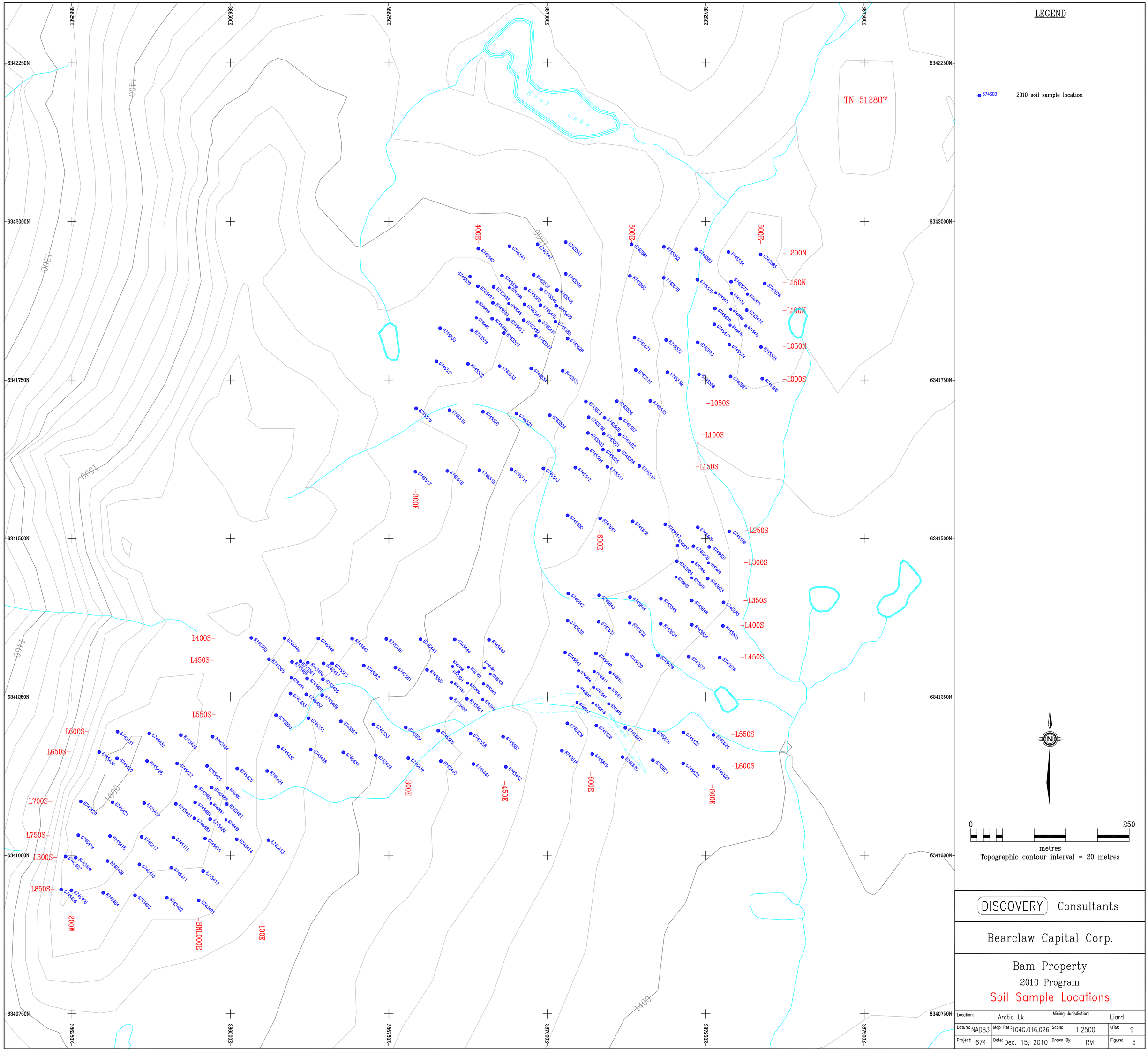
Discovery Consultants
Agnes Koffyberg, PGeo
2010.11.30

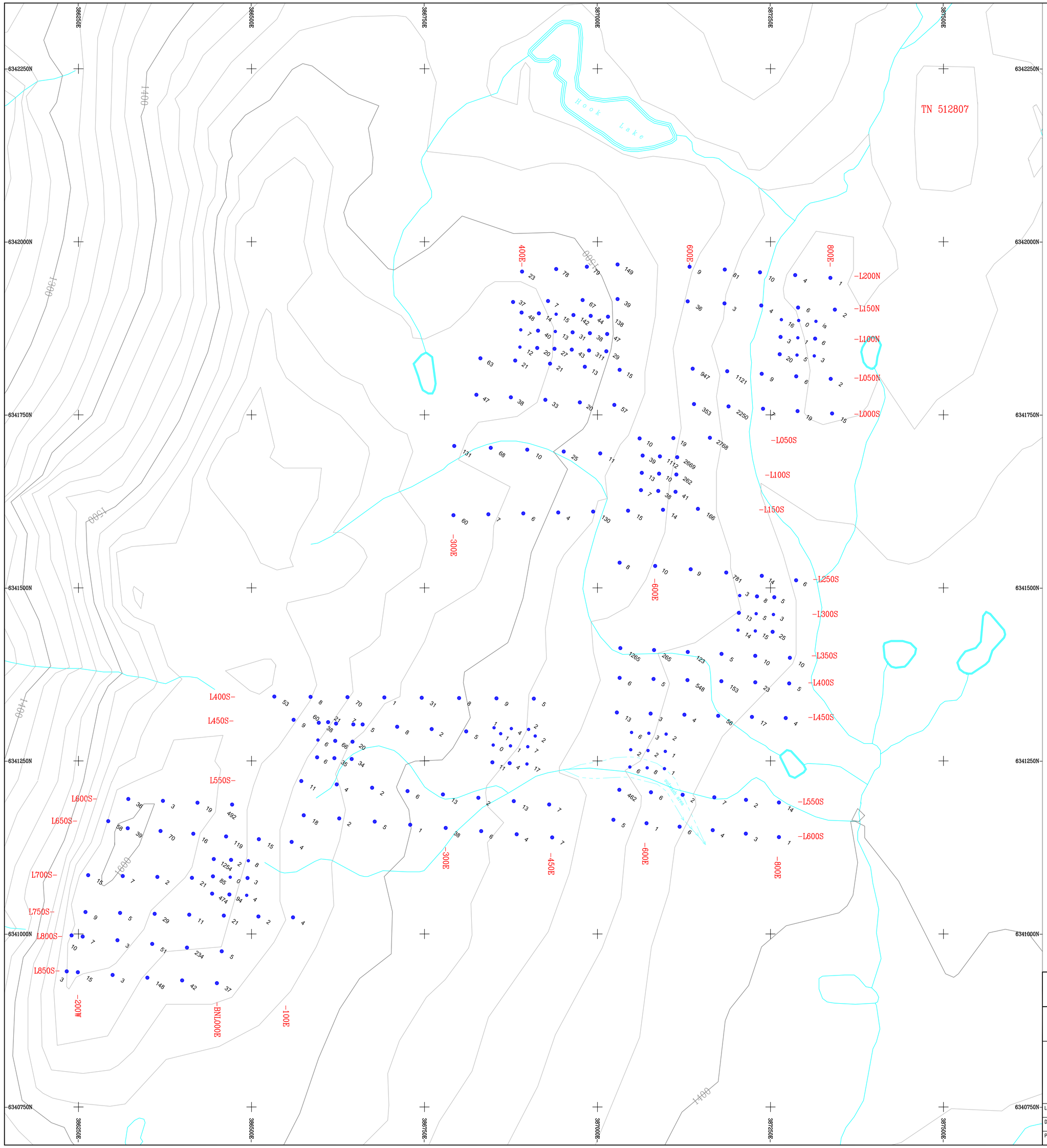
APPENDIX III - Rock Geochemistry

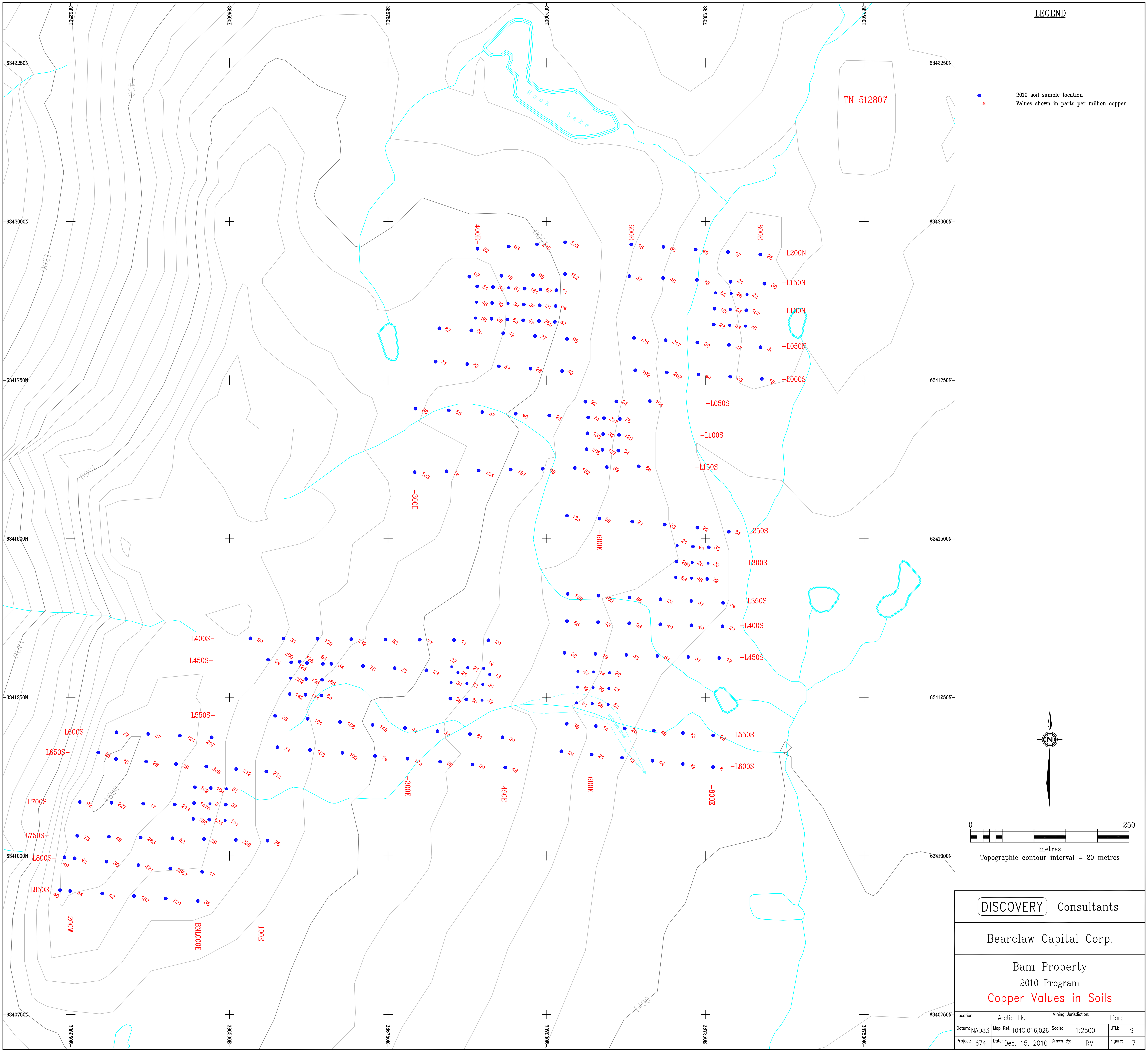
	1DX30	7AR	1DX30	7AR	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Pb	**Pb**	**Zn**	**Zn**	**Cd**	**P**	**Ni**	**Co**	**Cr**	**Fe**	**Mn**	**V**	**Ca**	**Mg**	**Sr**	**Ba**	**K**
	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	%
Sample ID	0.1	0.01	1	0.01	0.1	0.001	0.1	0.1	1	0.01	1	2	0.01	0.01	1	1	0.01
674RM006	4.2		30		0.3	0.023	177.8	24.3	76	3.04	1125	67	10.60	4.26	187	262	0.07
674RM007	12.4		33		0.5	0.012	863.3	60.4	156	3.92	1930	30	13.41	5.36	221	17	0.03
674RM008	2.5		20		0.1	0.009	26.5	3.9	8	2.34	861	9	14.23	6.59	48	12	0.01
674RM009	2.0		42		0.3	0.004	25.7	2.0	2	1.07	378	<2	23.54	7.33	92	3	<0.01
674RM010	2.2		34		0.3	0.006	292.4	33.5	113	2.66	650	36	14.24	6.21	223	21	0.02
674RM011	20.0		5		<0.1	0.048	16.4	2.4	7	2.61	46	44	0.11	0.05	6	39	0.21
674RT012	12.4		21		0.3	0.006	12.7	1.5	13	0.90	202	<2	3.76	1.68	13	5	<0.01
674RT012	12.4		20		0.2	0.006	12.3	1.6	12	0.89	202	<2	3.72	1.66	13	5	<0.01
674RT003	274.9		8061		68.6	0.025	64.3	165.2	25	5.02	1001	3	16.07	6.97	38	26	0.01
674RT003	285.2		8027		99.9	0.018	54.4	172.8	18	4.66	953	9	15.00	6.35	41	19	0.01
STD DS7	74.1		406		6.6	0.077	58.4	9.3	220	2.43	642	82	0.99	1.06	83	408	0.50
STD DS7	70.8		392		6.1	0.077	53.1	9.6	198	2.35	601	78	0.98	1.01	76	385	0.47
BLK	<0.1		<1		<0.1	<0.001	<0.1	<0.1	<1	<0.01	<1	<2	<0.01	<0.01	<1	<1	<0.01
G1	3.3		40		<0.1	0.073	3.3	4.0	7	1.96	543	35	0.45	0.52	56	175	0.50
G1	2.8		38		<0.1	0.070	3.8	3.1	8	1.70	496	32	0.40	0.46	50	145	0.42

APPENDIX III - Rock Geochemistry

	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Na	**Al**	**Bi**	**B**	**Ga**	**La**	**S**	**Sc**	**Se**	**Te**	**Th**	**Ti**	**Tl**	**U**	**W**
	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID	0.001	0.01	0.1	1	1	1	0.05	0.1	0.5	0.2	0.1	0.001	0.1	0.1	0.1
674RM006	0.008	0.22	<0.1	<1	<1	2	0.20	7.0	0.8	<0.2	0.1	<0.001	0.2	<0.1	<0.1
674RM007	0.005	0.12	<0.1	<1	<1	1	0.13	8.2	0.9	<0.2	<0.1	<0.001	0.1	0.4	<0.1
674RM008	0.003	0.09	<0.1	<1	<1	3	<0.05	1.3	<0.5	<0.2	0.1	<0.001	<0.1	0.2	<0.1
674RM009	0.009	0.02	<0.1	<1	<1	3	<0.05	0.3	<0.5	<0.2	<0.1	<0.001	<0.1	0.4	<0.1
674RM010	0.008	0.08	<0.1	<1	<1	<1	<0.05	5.3	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
674RM011	0.013	0.24	<0.1	<1	<1	3	1.96	1.5	1.9	0.2	0.8	<0.001	3.0	0.2	0.9
674RT012	0.004	0.03	<0.1	<1	<1	<1	<0.05	0.3	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1
674RT012	0.004	0.03	<0.1	<1	<1	<1	<0.05	0.3	<0.5	<0.2	<0.1	<0.001	<0.1	0.2	<0.1
674RT003	<0.001	0.10	0.4	<1	<1	2	3.26	<0.1	5.3	<0.2	<0.1	<0.001	0.3	1.2	0.3
674RT003	<0.001	0.11	0.2	<1	<1	2	3.21	1.3	14.1	<0.2	0.7	0.003	0.7	0.8	<0.1
STD DS7	0.095	1.02	4.6	39	5	14	0.20	2.6	3.2	0.7	4.9	0.128	4.0	5.2	3.2
STD DS7	0.093	1.05	4.2	36	4	13	0.20	2.5	3.1	1.8	4.5	0.119	3.8	5.1	3.2
BLK	<0.001	<0.01	<0.1	<1	<1	<1	<0.05	<0.1	<0.5	<0.2	<0.1	<0.001	<0.1	<0.1	<0.1
G1	0.089	0.95	<0.1	1	5	11	<0.05	2.0	<0.5	<0.2	4.8	0.115	0.3	2.0	<0.1
G1	0.077	0.81	<0.1	<1	4	9	<0.05	1.7	<0.5	0.2	4.5	0.102	0.3	1.9	<0.1


LEGEND
674S001 2010 soil sample location
Hook Lake
TN 512807
Spruce Creek
6342250N
6342000N
6341750N
6341500N
6341250N
6341000N
6340750N
3862500E
3865000E
3867500E
3870000E
3872500E
3875000E
400E
600E
800E
-L200N
-L150N
-L100N
-L050N
-L000S
-L050S
-L100S
-L150S
-L250S
-L300S
-L350S
-L400S
-L450S
-L550S
-L600S
L400S-
L450S-
L550S-
L600S-
L650S-
L700S-
L750S-
L800S-
L850S-
-300E
-600E
-800E
300E
450E
-200W
-BNL000E
-100E
1400
1500
1600
1700
1800
0
250
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Bearclaw Capital Corp.
Bam Property
2010 Program
Soil Sample Locations
Location: Arctic Lk.
Mining Jurisdiction: Liard
Datum: NAD83
Map Ref.: 104G.016,026
Scale: 1:2500
UTM: 9
Project: 674
Date: Dec. 15, 2010
Drawn By: RM
Figure: 5


3862500E
3865000E
3867500E
3870000E
3872500E
3875000E
6342250N
6342000N
6341750N
6341500N
6341250N
6341000N
6340750N
TN 512807
Hook Lake
1400
1500
1600
1700
400E
600E
800E
300E
600E
300E
450E
600E
800E
100E
200W
BNL000E
L200N
L150N
L100N
L050N
L000S
L050S
L100S
L150S
L250S
L300S
L350S
L400S
L450S
L550S
L600S
L650S
L700S
L750S
L800S
L850S
LEGEND
2010 soil sample location
35 Values shown in parts per billion gold
0 Indicates <0.5 ppb Au
0
250
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Bearclaw Capital Corp.
Bam Property
2010 Program
Gold Values in Soils
Location: Arctic Lk.
Mining Jurisdiction: Liard
Datum: NAD83
Map Ref.: 104G.016,026
Scale: 1:2500
UTM: 9
Project: 674
Date: Dec. 15, 2010
Drawn By: RM
Figure: 6


LEGEND
2010 soil sample location
Values shown in parts per million copper
TN 512807
Hook Lake
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Bearclaw Capital Corp.
Bam Property
2010 Program
Copper Values in Soils
Location: Arctic Lk.
Mining Jurisdiction: Liard
Datum: NAD83
Map Ref.: 104G.016,026
Scale: 1:2500
UTM: 9
Project: 674
Date: Dec. 15, 2010
Drawn By: RM
Figure: 7

LEGEND

2010 soil sample location

3.5 Values shown in parts per million silver

0 Indicates <0.1 ppm Ag

TN 512807

Hook Lake

0 250

metres

Topographic contour interval = 20 metres

DISCOVERY Consultants

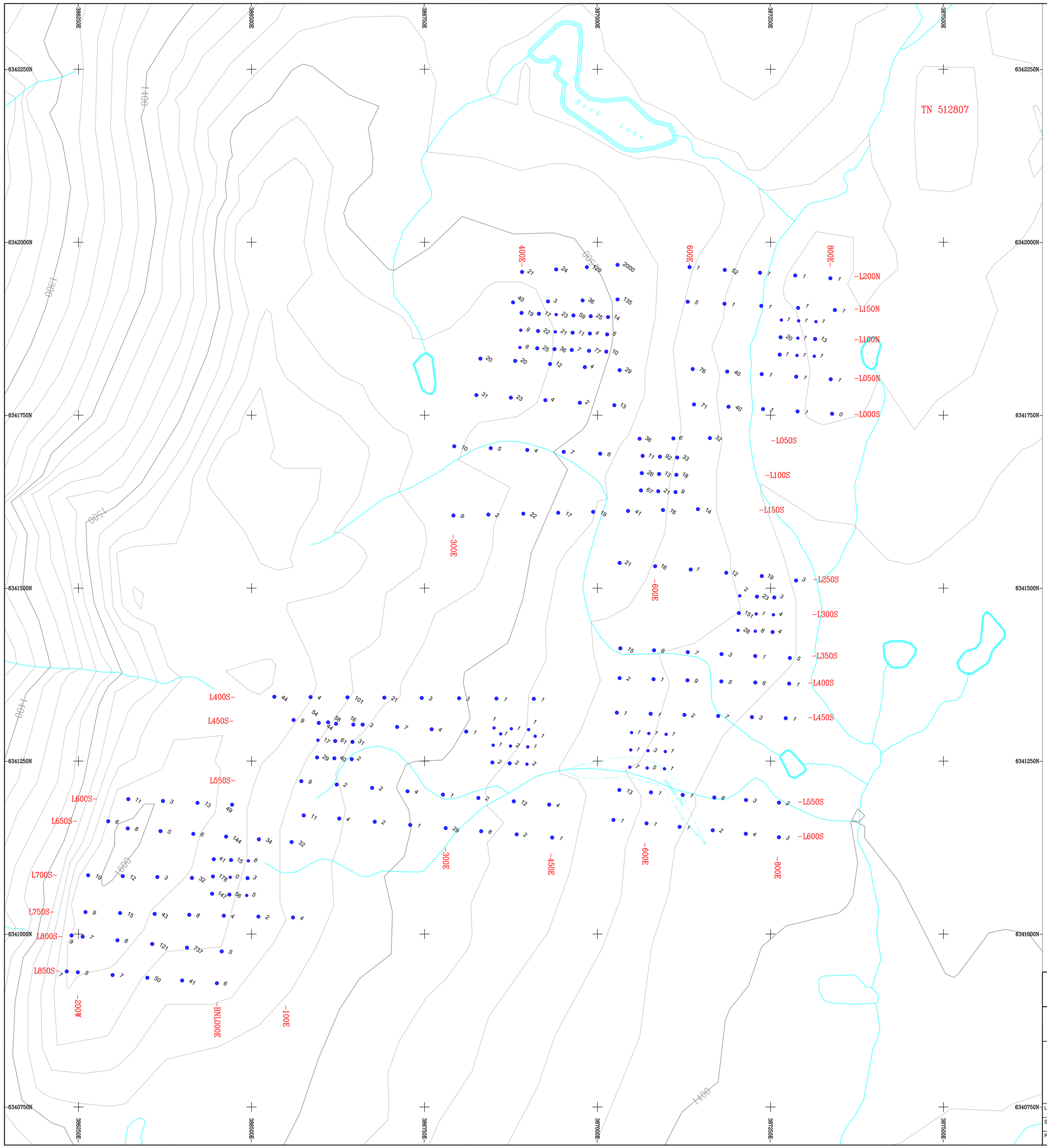
Bearclaw Capital Corp.

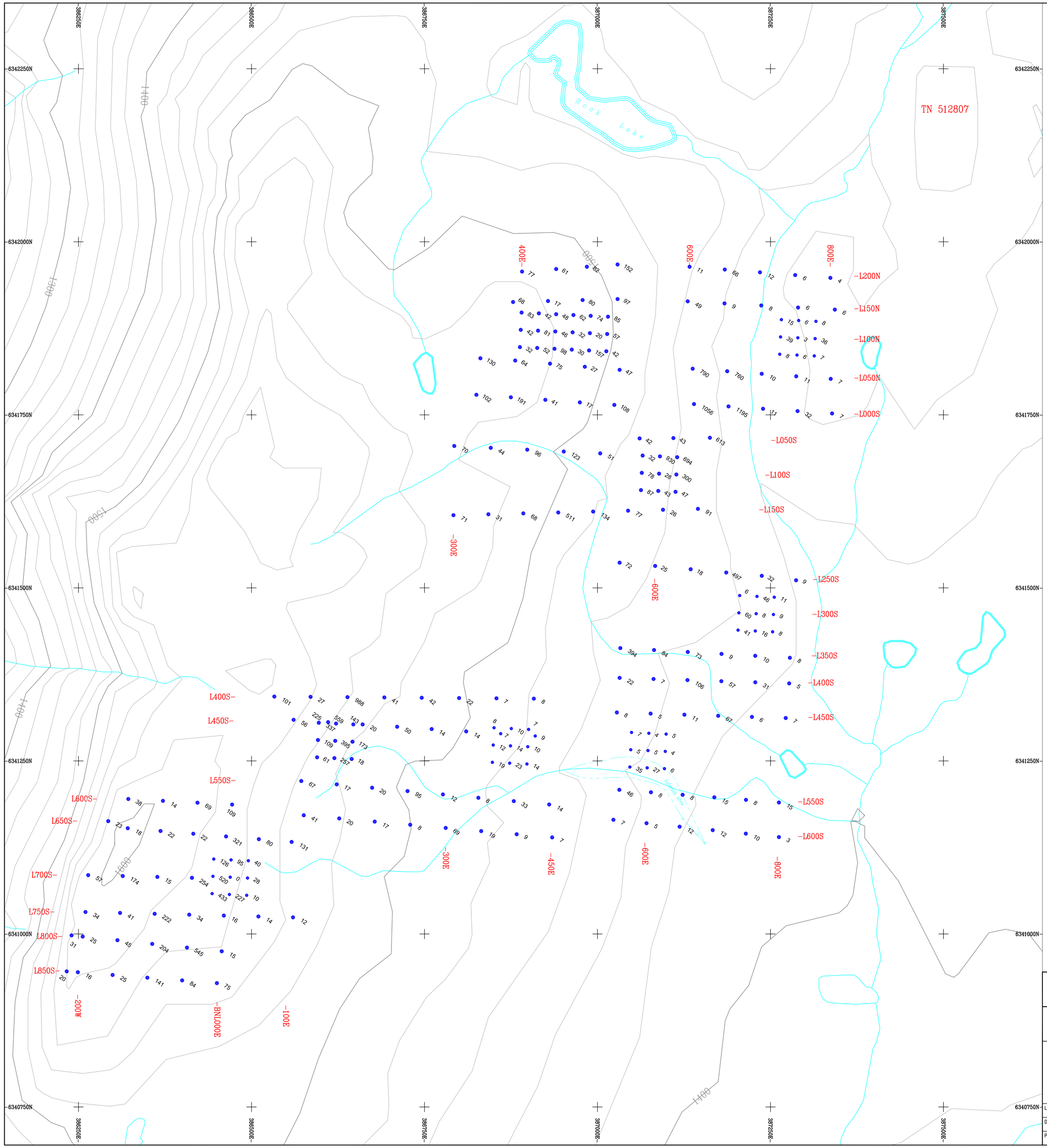
Bam Property

2010 Program

Silver Values in Soils

Location: Arctic Lk.		Mining Jurisdiction: Liard	
Datum: NAD83	Map Ref.: 104G.016,026	Scale: 1:2500	UTM: 9
Project: 674	Date: Dec. 15, 2010	Drawn By: RM	Figure: 8


LEGEND
2010 soil sample location
4 Values shown in parts per million antimony
0 Indicates <0.1 ppm Sb
TN 512807
Hook Lake
400E
600E
800E
-L200N
-L150N
-L100N
-L050N
-L000S
-L050S
-L100S
-L150S
-L250S
-L300S
-L350S
-L400S
-L450S
-L550S
-L600S
L400S
L450S
L550S
L600S
L650S
L700S
L750S
L800S
L850S
300E
600E
300E
450E
600E
800E
200W
BNL000E
100E
1400
1500
1600
1700
1800
0
250
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Bearclaw Capital Corp.
Bam Property
2010 Program
Antimony Values in Soils
Location: Arctic Lk.
Mining Jurisdiction: Liard
Datum: NAD83
Map Ref.: 104G.016,026
Scale: 1:2500
UTM: 9
Project: 674
Date: Dec. 15, 2010
Drawn By: RM
Figure: 9



LEGEND

2010 soil sample location

4 Values shown in parts per million arsenic

DISCOVERY Consultants

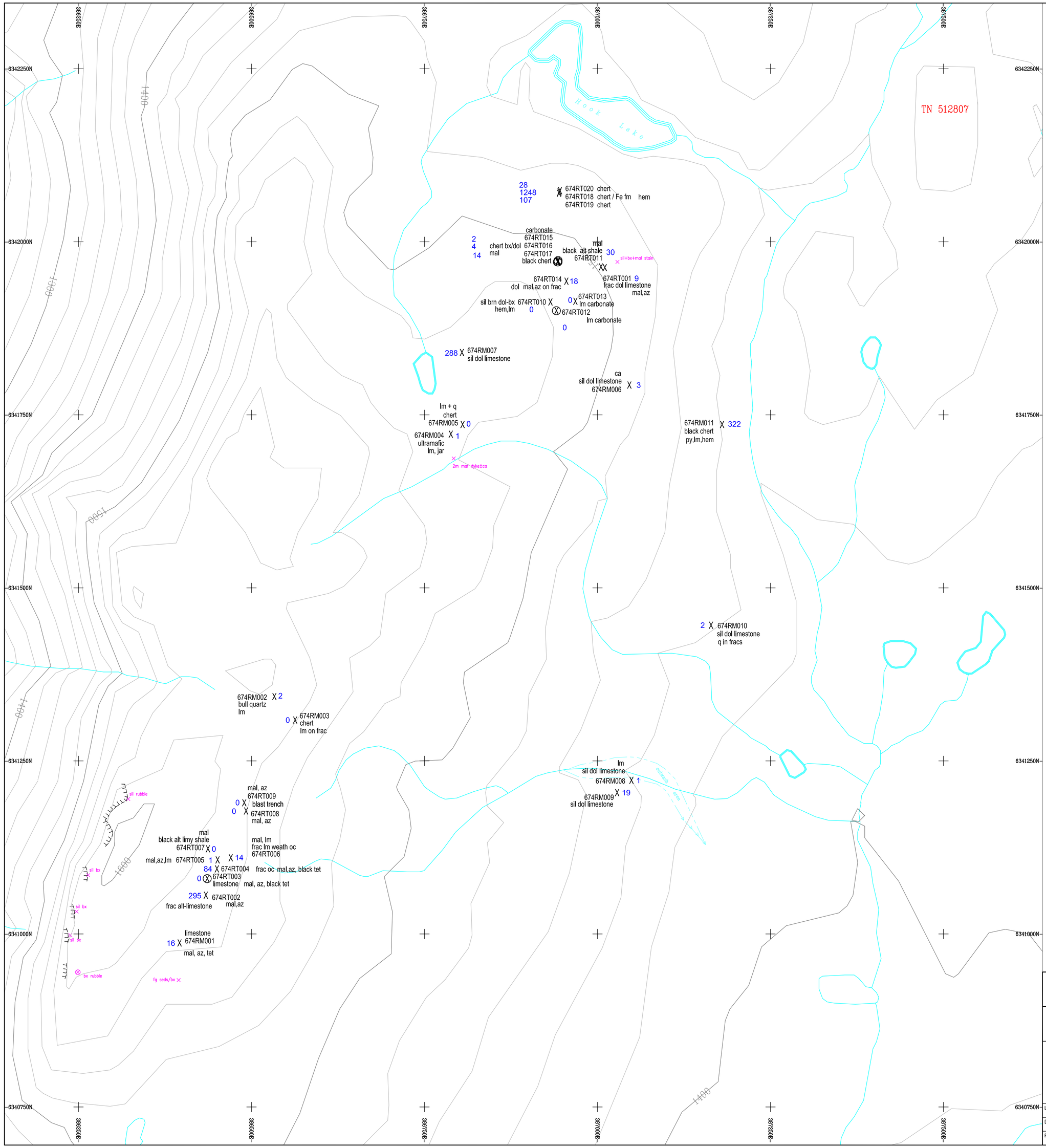
Bearclaw Capital Corp.

Bam Property

2010 Program

Arsenic Values in Soils

Location: Arctic Lk.		Mining Jurisdiction: Liard	
Datum: NAD83	Map Ref.: 104G.016,026	Scale: 1:2500	UTM: 9
Project: 674	Date: Dec. 15, 2010	Drawn By: RM	Figure: 10



LEGEND

674RT001 X 674RM001 ⊗ — Rock sample location (grab, float)

chert — Lithology observed

mal — Mineralization observed

125 — Values shown in parts per billion gold

0 — Indicates <0.5 ppb Au

× — Mapping location

limestone — Lithology observed

Edge of major cliff

Abbreviations

alt	altered	hem	hematite
az	azurite	jar	jarosite
bx	breccia	lm	limonitic
ca	calcite	ls	limestone
carb	carbonate	mal	malachite
dol	dolomite	q	quartz
frac	fractured	sil	siliceous
Fe fm	Iron formation	tet	tetrahedrite

0 250

metres

Topographic contour interval = 20 metres

DISCOVERY Consultants

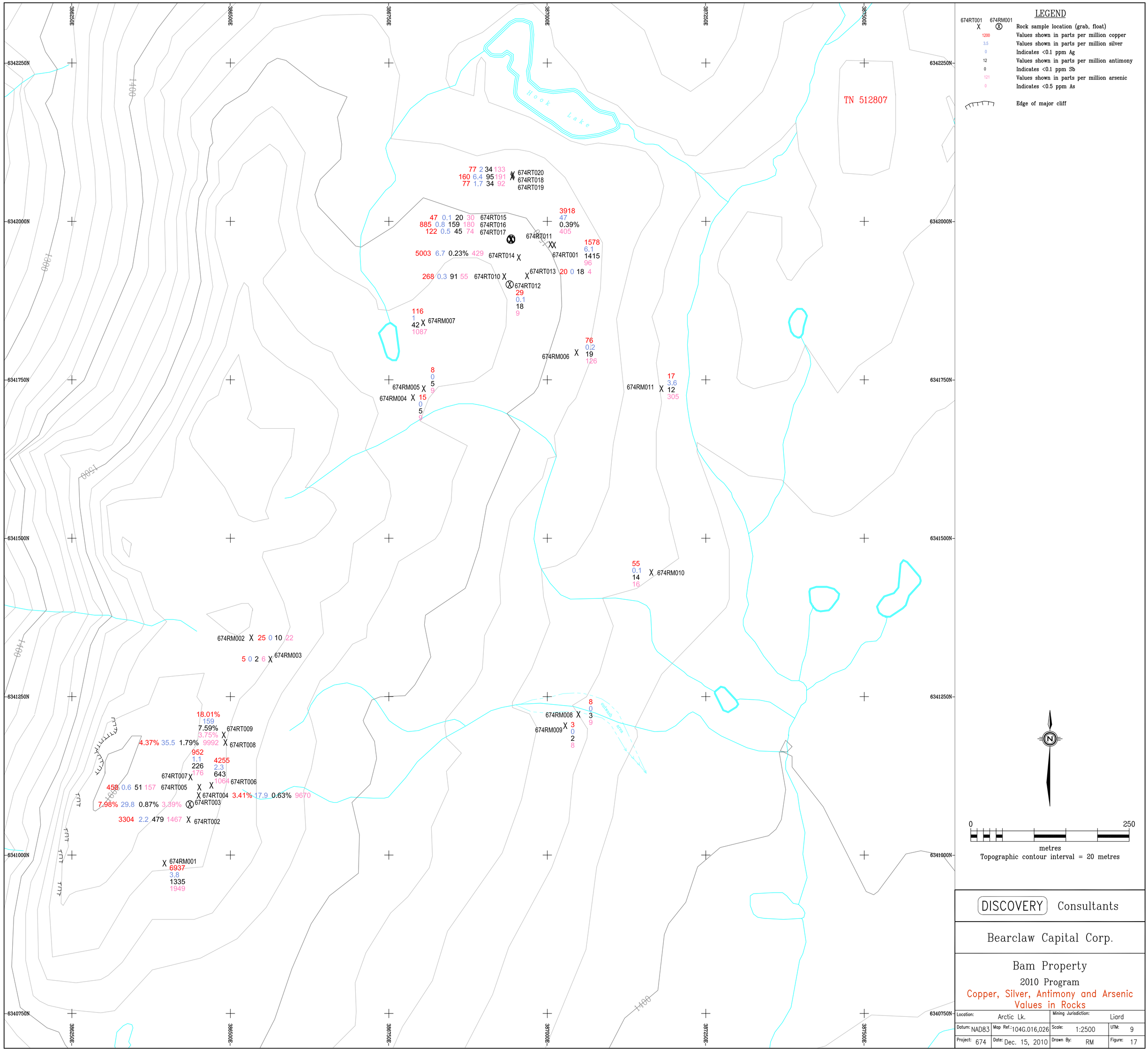
Bearclaw Capital Corp.

Bam Property

2010 Program

Gold Values in Rocks

Location: Arctic Lk.		Mining Jurisdiction: Liard	
Datum: NAD83	Map Ref.: 104G.016,026	Scale: 1:2500	UTM: 9
Project: 674	Date: Dec. 15, 2010	Drawn By: RM	Figure: 16


LEGEND
674RT001 674RM001
Rock sample location (grab, float)
1200 Values shown in parts per million copper
3.5 Values shown in parts per million silver
0 Indicates <0.1 ppm Ag
12 Values shown in parts per million antimony
0 Indicates <0.1 ppm Sb
121 Values shown in parts per million arsenic
0 Indicates <0.5 ppm As
Edge of major cliff
TN 512807
Hook Lake
77 2 34 133 674RT020
160 6.4 95 191 674RT018
77 1.7 34 92 674RT019
47 0.1 20 30 674RT015
885 0.8 159 180 674RT016
122 0.5 45 74 674RT017
3918 47 0.39% 405 674RT011
1578 6.1 1415 96 674RT001
5003 6.7 0.23% 429 674RT014
268 0.3 91 55 674RT010
674RT013 20 0 18 4
674RT012 29 0.1 18 9
116 1 42 1087 674RM007
76 0.2 19 126 674RM006
8 0 5 9 674RM005
674RM004 15 0 5 9
17 3.6 12 305 674RM011
55 0.1 14 16 674RM010
674RM002 25 0 10 22
5 0 2 6 674RM003
18.01% 159 7.59% 3.75% 674RT009
4.37% 35.5 1.79% 9992 674RT008
952 1.1 226 176 4255 2.3 643 1064 674RT007 674RT006
458 0.6 51 157 674RT005
674RT004 3.41% 17.9 0.63% 9670
7.98% 29.8 0.87% 3.39% 674RT003
3304 2.2 479 1467 674RT002
674RM001 6937 3.8 1335 1949
8 0 3 9 674RM008
674RM009 3 0 2 8
6342250N
6342000N
6341750N
6341500N
6341250N
6341000N
6340750N
1400
1300
1500
1600
1700
1100
0 250
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Bearclaw Capital Corp.
Bam Property
2010 Program
Copper, Silver, Antimony and Arsenic Values in Rocks
Location: Arctic Lk.
Mining Jurisdiction: Liard
Datum: NAD83
Map Ref.: 104G.016,026
Scale: 1:2500
UTM: 9
Project: 674
Date: Dec. 15, 2010
Drawn By: RM
Figure: 17