37999 YUKON INC.

EXPLORATION PROGRAM AT THE MOLYGARCHY PROPERTY, WHITEHORSE AREA, YUKON TERRITORY

Mike Power, M.Sc. P.Geo.

Location: 61° 01' N 134° 44' W
NTS: 105 E 02
Mining District: Whitehorse
Date: October 15,2007

SUMMARY

The Molygarchy Property is located 40 km NE of Whitehorse, Yukon Territory in the Hancock Hills, east of Lake Laberge. The property consists of 31 Quartz claims and covers molybdenum mineralization (Yukon Minfile Showing E 24). Mineralization was discovered on the property in 1975 by United Keno Hill Mines Ltd. and explored with geological mapping and soil sampling later that year. The property lapsed and was restaked in 1980 but no work was filed on the claims. In 2005, 37999 Yukon Inc. re-staked the property after collecting a rock sample assaying over 0.2% Mo. During 2006, 37999 conducted soil sampling and a total magnetic field survey. This report describes the results of a work program consisting of prospecting, geological mapping, blast trenching and soil geochemical surveys conducted between July 9 and 22, 2007.

The Molygarchy Property is underlain by Early Cretaceous Teslin Suite granodiorite, locally intruded by Lower Eocene Skukum Suite andesite dykes. Bedrock is covered by glacial till at lower elevations and poorly developed soil above 1200 m. The rocks are fractured by a dominant set of northeast-striking, steeply-dipping structures and by a subsidiary set of east-southeast striking fractures, sub-parallel to the principal zone of mineralization.

To date, mineralization known on the property is located at lower elevations on Hig Creek and consists of molybdenite $\pm$ chalcopyrite $\pm$ pyrite within intensively limonite $\pm$ calcite $\pm$ potassium feldspar altered granodiorite. Two bedrock showings and an intervening band of mineralized float define a steeply dipping zone of mineralization over 50 m wide on the west end, striking 105^0 / 285^0 over a length of at least 360 m. Molybdenite is found disseminated throughout the altered grandodiorite in lathes and blebs up to 2 mm, and is remobilized in rosettes and clots up to several centimetres in diameter along fractures and within quartz veins. A suite of 72 selected specimens of both bedrock and float was collected during the prospecting program with the vast majority of specimens collected from the main zone of mineralization. In this set, the median molybdenum analysis was 213 ppm, the average analysis was 517 ppm Mo and 11 of the 72 samples returned assays greater than 0.100% Mo. The highest assay was 0.441% Mo returned from a quartz vein peripheral to the main mineralized zone (Sample HIG-MP-01).

During the 2007 work program, geological mapping and prospecting was conducted across the property, leading to the discovery of the Beaver Dam Showing in the centre of the property and the Yoo Hoo Showing about 400 m to the east. At the Beaver Dam showing, a 90 m long trench was excavated, blasted and sampled along the top of a talus fan and the fan beneath was gridded and sampled. Trench TR-07-01 encountered mineralized bedrock and float over a distance of 49 m with the mineralization remaining open to the west. At the Yoo Hoo Showing, a small grid was installed and bedrock samples were collected. Mineralized limonite-altered granodiorite is found between the two showings along an axis striking obliquely down-slope between them.

Soil geochemical surveys were conducted along claim lines during the course of the exploration program and analyzed for 30 elements using the ICP method. To date, soil geochemical surveys have not proven to be a useful means of locating new bedrock showings. At the low elevations where the known mineralization occurs, a blanket of glacial till may be suppressing geochemical responses while at higher elevations, the source of several molybdenum anomalies remains unknown despite careful prospecting. Potassium response displays a weak positive correlation with molybdenum on a property-wide scale and there is a potassium response coincident with the Beaver Dam Showing.

The results of the work conducted to date have defined a significant new zone of molybdenum mineralization within a prominent total magnetic field low, open on strike to the west. Physical property analysis of the mineralized rock is recommended to determine if induced polarization or resistivity surveys might be useful in mapping the mineralized rock. If there is a favorable physical property contrast, geophysical surveys including additional total magnetic field surveys should be run to map the location of favourable mineralization prior to drill testing. If no physical property contrasts are present, the showings could be drilled as they stand. The results of the first few holes could be used to define the structure of the mineralized zone and guide further testing.

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1.0 INTRODUCTION

This report describes prospecting, geological mapping and trenching conducted on the Molygarchy Property owned by 37999 Yukon Inc. in the Whitehorse Mining District, Yukon Territory. This work was conducted to investigate molybdenum mineralization on the property.

2.0 LOCATION AND ACCESS

The Molygarchy Property is located on a tributary of Laurier Creek, east of Lake Laberge and is centred at approximately 61° 01' N 134° 44' W (Figure 1). The property is accessible by helicopter and small float plane from Whitehorse, 40 km southwest of the property. Helicopter staging points for slinging include Jackfish Bay on Lake Laberge, 22 km west of the property and the un-maintained Long Lake Road, 16 km of the property. The Yukon Tote Trail Map indicates that a bulldozer trail extends from the Long Lake Road to within 5 km of the property's northern boundary.

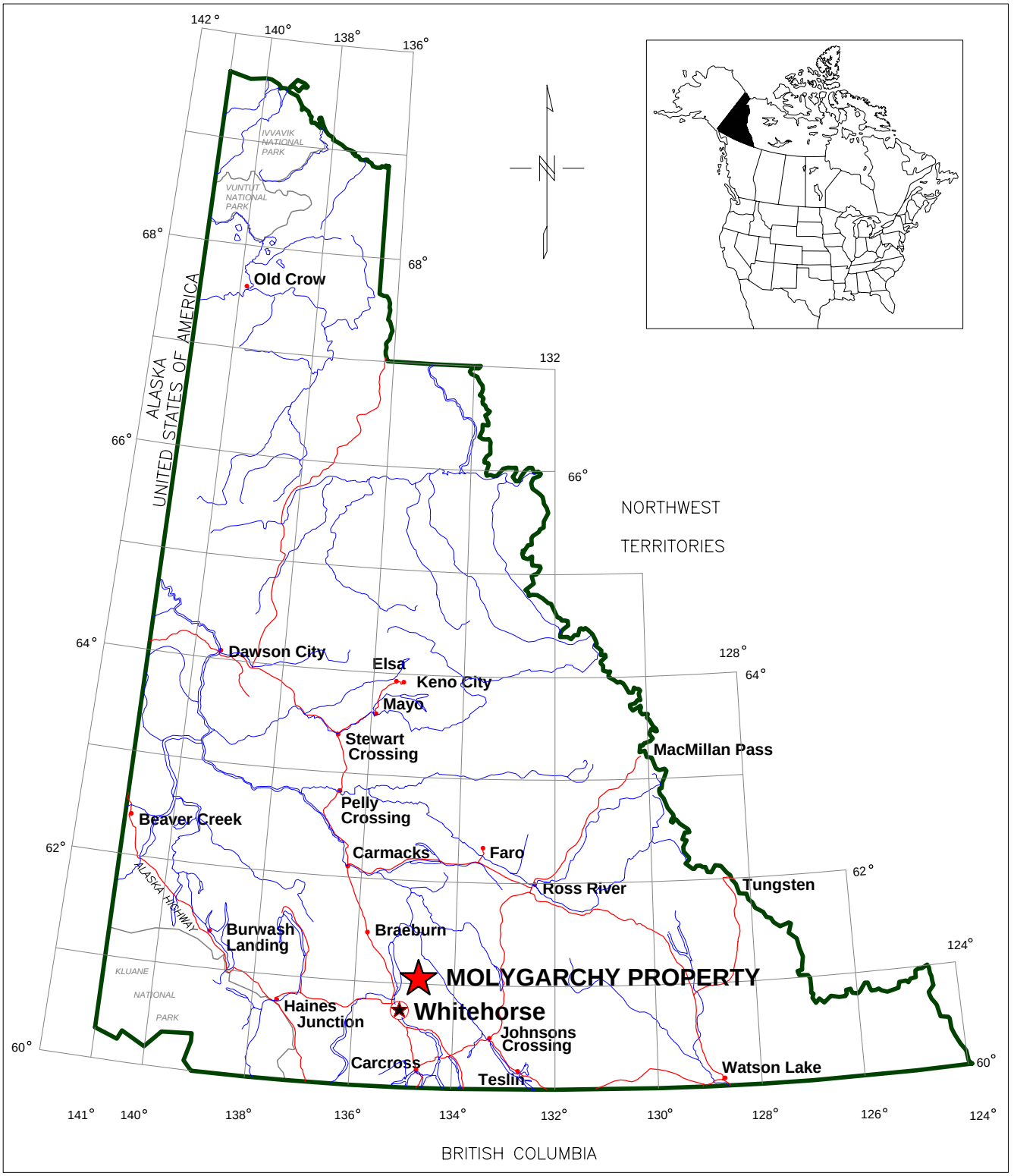
3.0 PROPERTY DESCRIPTION

The Molygarchy Property consists of 31 unsurveyed Quartz Claims staked under the Yukon Quartz Mining Act and recorded in the Whitehorse Mining District. Claim information is summarized below[1]:

Claim	Record Number(s)	Expiry Date
HIG 1-15	YC41034 - YC41048	January 24, 2012
HIG 17-32	YC65325 - YC65340	July 24, 2008

The claims are owned 100% by 37999 Yukon Inc.. The claims can be maintained in good standing indefinitely by performing $100 per claim per year of assessment work or paying the same amount in lieu and paying associated filing fees of $5 per claim. The claims are located on Crown Land and surface rights are retained by the Crown.

[1] Claim information as of August 21, 2007 as posted on the Yukon Mining Recorders website (www.yukonminingrecorders.ca). Claim expiry dates do not reflect the value of work documented in this report.



Scale 1:6,000,000

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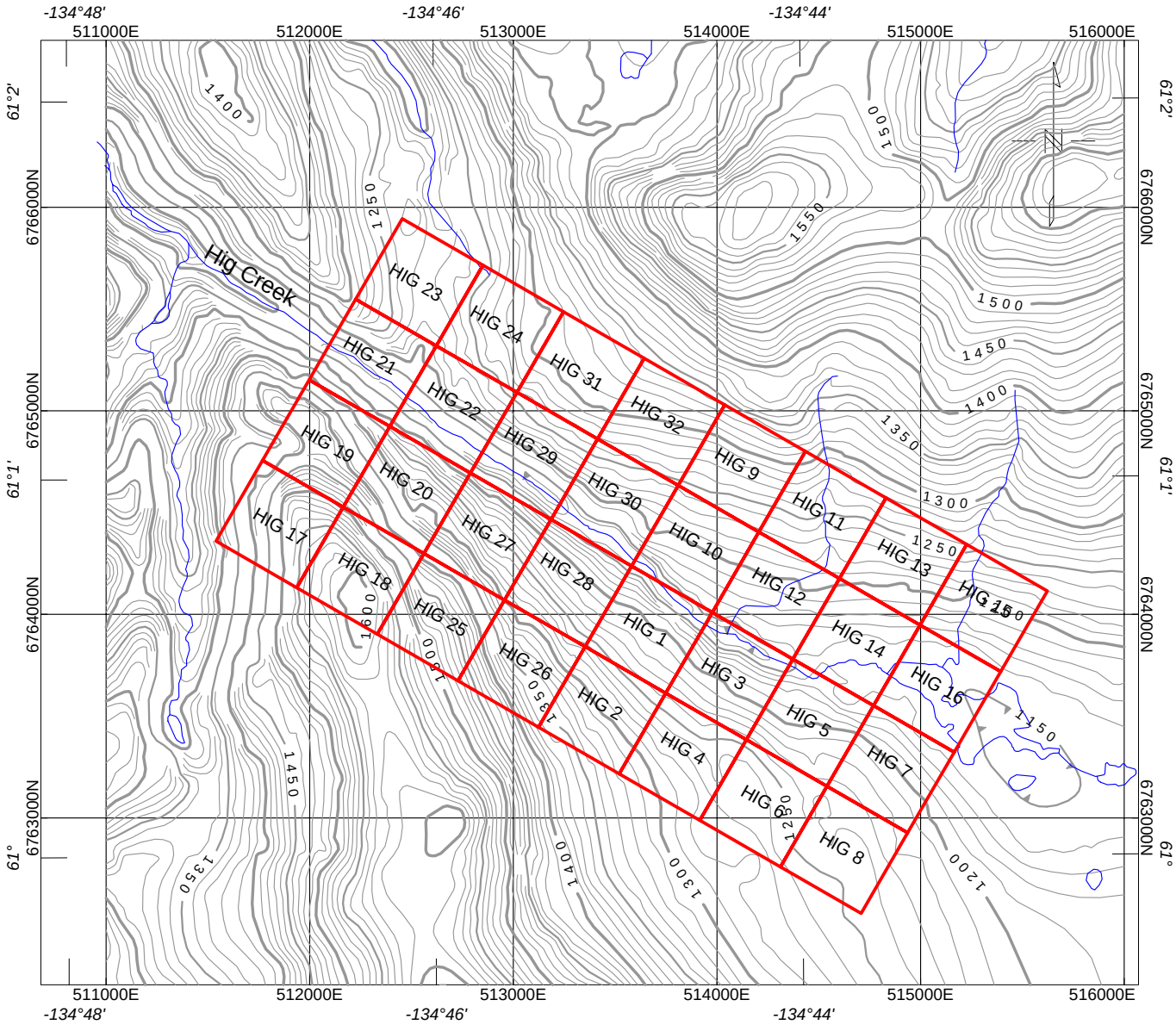
kilometres

37999 Yukon Inc.	
MOLYGARCHY PROPERTY	
Figure 1- Property Location Map	
NTS: 105 D/15 & 105 E/2	Mining District: Whitehorse
Datum: NAD83	Projection: UTM Zone 8N
Job: 379-7536-YT	Date: 09 Oct 07
AURORA GEOSCIENCES LTD	



37999 YUKON INC.

MOLYGARCHY PROPERTY
Figure 2 - Claim Location Map

NTS: 105 D/15 & 105 E/2
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 09 Oct 07

AURORA GEOSCIENCES LTD.

4.0 EXPLORATION HISTORY

The Molygarchy Property covers Minfile occurrence 105 E 24 (HIG) (DeKlerk, 2002). The property was originally staked by United Keno Hill Mines Exploration in June 1975. Keno Hill conducted mapping and soil sampling later in that year and discovered "minor" chalcopyrite and molybdenite in quartz veining and "dry fracturing" over an area of 280 m^2 in a granodiorite stock cut by aplite dikes. This showing is located south of a tributary of Laurier Creek (Hig Creek) and east of a small lake where the crew established a camp (NAD83 Zone 8N UTM 514073E 6763717N). The mineralization encountered there was described as "weakly leached" and best reported assays were 0.1% Mo and 0.03% Cu from a selected specimen. The claims were allowed to lapse and were restaked as the Ajax Claims in September 1980 by J. Carlson. These claims were also allowed to lapse.

In 2005, 37999 Yukon Inc. investigated molybdenum and copper regional stream sediment geochemical anomalies in the area, conducting prospecting and stream sediment sampling. A rock sample collected during this program on the property and described as intrusive float returned greater than 2,000 ppm Mo and prompted the staking of the HIG Claims in January 2006.

In 2006, 37999 Yukon Inc. established a 24 line-km soil grid covering the HIG 1-15 claim block, soil sampled this grid at 50 m intervals on 100 m spaced lines and conducted a total magnetic field survey. The soil survey returned anomalous values up to 114 ppm Mo and 686 ppm Cu from sites both north and south of the central creek.

5.0 DESCRIPTION OF WORK PROGRAM

This section describes the prospecting, geological mapping and trenching conducted on the Molygarchy Property from July 9 to 22, 2007.

5.1 Personnel & equipment.

The work program was conducted by the following personnel:

Crew chief:	Mike Power
Prospector:	Eric Morrow
Field assistant:	Bruce Germain

Soil sampling crew:	Sean Clayton Eric Hatterscheidt

The crew were equipped with the following instruments and equipment:

Instruments:	2 - Garmin DGPS receivers
Equipment:	1 - Pyonjar gas powered drill - bits, steel, tools & accessories 1 - chain saw, tools, safety equipment 1 - geological sampling equipment
Camp:	1 - 4 man camp 1 - 2 KW generator 1 - Satellite phone 2 - VHF radios

The survey log in Appendix B includes the names and addresses of all persons employed and a detailed description of daily operations. A statement of costs is compiled in Appendix C.

5.2 Specifications.

Prospecting and geological mapping were conducted according to the following specifications:

Mapping datum:	North American Datum 1983 Zone 8N UTM (metric) ***All locations described in this report are relative to this datum.***
Station location:	WAAS corrected (where available) GPS positioning with each reading averaged at least 20 times.

Station records:	*Geology:*	Lithology, structure, samples & descriptions
	Prospecting:	Sample descriptions, general rock type
Sample marking:		All samples were marked with blue and orange flagging. The sample number was written on a portion of the flagging covered from weather and sunlight.

The blast trenching program consisted of clearing a 90 m pilot line along the trench axis; hand tool excavation of overlying brush, soil and debris; drilling and blasting. Holes were drilled on 24" centres in rows 18" apart with blast holes offset between rows. Two to four rows of holes were drilled and blasted along each section of trenching. Following final excavation, the trench was picketed with half-length, tagged survey lathe using a coordinate system commencing at the west end of the trench and incrementing by 5 m along the trench to the east. All coordinates for trench samples describe the sample location in metres from the west end of the trench.

5.3 Sample analysis.

This report summarizes rock sampling and soil geochemical surveys conducted in both 2006 and 2007.

Samples collected in 2006 were sent to Acme Analytical Laboratories in Vancouver for processing. Acme is an ISO 9002 accredited facility. The analytical procedure for the soil samples consisted of drying the samples then sieving to -80 mesh. A 15 gm sample of the –80-mesh material was then digested in 90 ml of aqua-regia solution and diluted to 300 ml with distilled water. This solution was then analyzed for 36 elements by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) including gold per the Acme Group 1DX analytical package.

Samples collected in 2007 were cataloged, bagged and security tagged before being sent to Ecotech Laboratories of Kamloops B.C. Soils and rock samples were subjected to an initial 40 element ICP analysis and rock samples which returned molybdenum values in excess of 1000 ppm were assayed for molybdenum.
Ecotech have described their ICP sample procedures as follows:

A 0.5 gram sample was digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium and acts as an internal standard. The digestion proceeded for 90 minutes in a water bath at 95˚C. The sample was then diluted to 10ml with water and analyzed on a

Jarrell Ash ICP unit. Detection limits for the analyzed elements are listed below:

Element	Lower limit	Upper limit
Ag	0.2 ppm	30.0 ppm
Al	0.01%	10.00%
As	5 ppm	10,000 ppm
Ba	5 ppm	10,000 ppm
Bi	5 ppm	10,000 ppm
Ca	0.01%	10.00%
Cd	1 ppm	10,000 ppm
Co	1 ppm	10,000 ppm
Cr	1 ppm	10,000 ppm
Cu	1 ppm	10,000 ppm
Fe	0.01%	10.00%
La	1 ppm	10,000 ppm
Mg	0.01%	10.00%
Mn	1 ppm	10,000 ppm
Mo	1 ppm	10,000 ppm
Na	0.01%	10.00%
Ni	1 ppm	10,000 ppm
P	10 ppm	10,000 ppm
Pb	2 ppm	10,000 ppm
Sb	5 ppm	10,000 ppm
Sn	20 ppm	10,000 ppm
Sr	20 ppm	10,000 ppm
Ti	1 ppm	10,000 ppm
U	10 ppm	10,000 ppm

V	1 ppm	10,000 ppm
Y	1 ppm	10,000 ppm
Zn	1 ppm	10,000 ppm

Rock samples were catalogued, dried, and crushed in two stages. A 250 g sub-sample was rolled, homogenized and bagged in a pre-numbered bag.

For rock samples which required assays, a suitable sample weight which was digested with nitric, hydrochloric, hydrofluoric and perchloric acids in Teflon beakers. The digested sample was allowed to cool, bulked up to 200ml volume and analyzed by an ICP instrument, to .001 % detection limit. One repeat was run for each batch of 20 or less. In all cases, certified reference material standards were run with each batch and results were compared and had to fall within control limits to be accepted.

5.4 Data.

Geological mapping and prospecting station notes are compiled in Appendix D. A compilation of rock sample and soil geochemical results are contained in Appendices E and F: Assay certificates are in Appendix G. The results of the prospecting, mapping and geochemical surveys are discussed in Sections 8 through 10.

6.0 PHYSIOGRAPHY & CLIMATE

The Molygarchy Property is located in the Hancock Hills of the Yukon Plateau. Elevations in the general area range from 1100 to 1700 m and elevations on the property range from 1140 to 1400 m. The topography consists of high rolling hills with deeply incised valleys. Creeks in the property area drain west to Lake Laberge via Laurier Creek and the property is centred on a tributary of Laurier Creek (Hig Creek) originating from a lake on the eastern boundary of the property. On the property, the creek has been dammed in several places by beavers, is about 2 to 3 m wide and up to a metre deep in places. There is abundant water for drilling in the creek, probably well into the winter months if not year round. Soil cover is generally thin and bare outcrop is common, particularly on the north side of the creek. There are glacial benches about 30 m high in the valley bottom and the creek has incised through these to create the modern flood plain.

The property is underlain by generally open spruce and, at higher elevations, balsam fir with patches of thick willows and alders common near Hig Creek. No wildlife was observed on the property during the work program but both moose and bear sign were found.

The climate in the property area is characterized by short, warm summers and long cold winters. From 1942 to 1990, average high temperatures from June through August were 18^0 to 20^0 C and average high temperatures from December through February were -11^0 to -14^0 C. Temperatures as low as -52^0 C are recorded in this area of the Yukon. Annual precipitation is 26.9 cm (rain equivalent) and the average snowfall is 145 cm (Environment Canada, 2007).

7.0 REGIONAL GEOLOGY

The regional geology in the property area is summarized by Gordey & Makepeace (1999) based on earlier work by Bostock and Lees (1938). The property lies in the Cache Creek Terrane of the Canadian Cordillera, an allochthonous geological terrane accreted to North America during the early Jurassic (Wheeler and McFeely, 1991).

The regional geology in the property area, modified after Gordey & Makepeace (1999) is shown in Figure 3. The following formations are mapped in the property area:

Formation [Map Unit (Fig 3)] (Age)	**Description**
Overburden (Quaternary - Holocene)	Talus, organic and eluvial soil, boulder till.
Skukum Suite Volcanics **[IES2]** (Lower Eocene)	Intermediate volcanics: heterogeneous intermediate to felsic, hornblende-feldspar porphyritic tuff, flow breccia; volcaniclastic mudstone, sandstone and conglomerate; aphanitic to feldspar porphyritic dacite flows and dykes; flow-banded rhyolite and felsic dykes and sills (Mount Creedon Volcanics, some strata formerly mapped as Mt. Nansen Gp.) These rocks occur in a small outlier south of the Molygarchy Property.
Teslin Suite **[EKgT]** (Early Cretaceous)	Intrusive rocks: granite, granodiorite, quartz monzonite and quartz monzodiorite intruded locally by aplite dykes; this rock type underlies the entire Molygarchy Property.

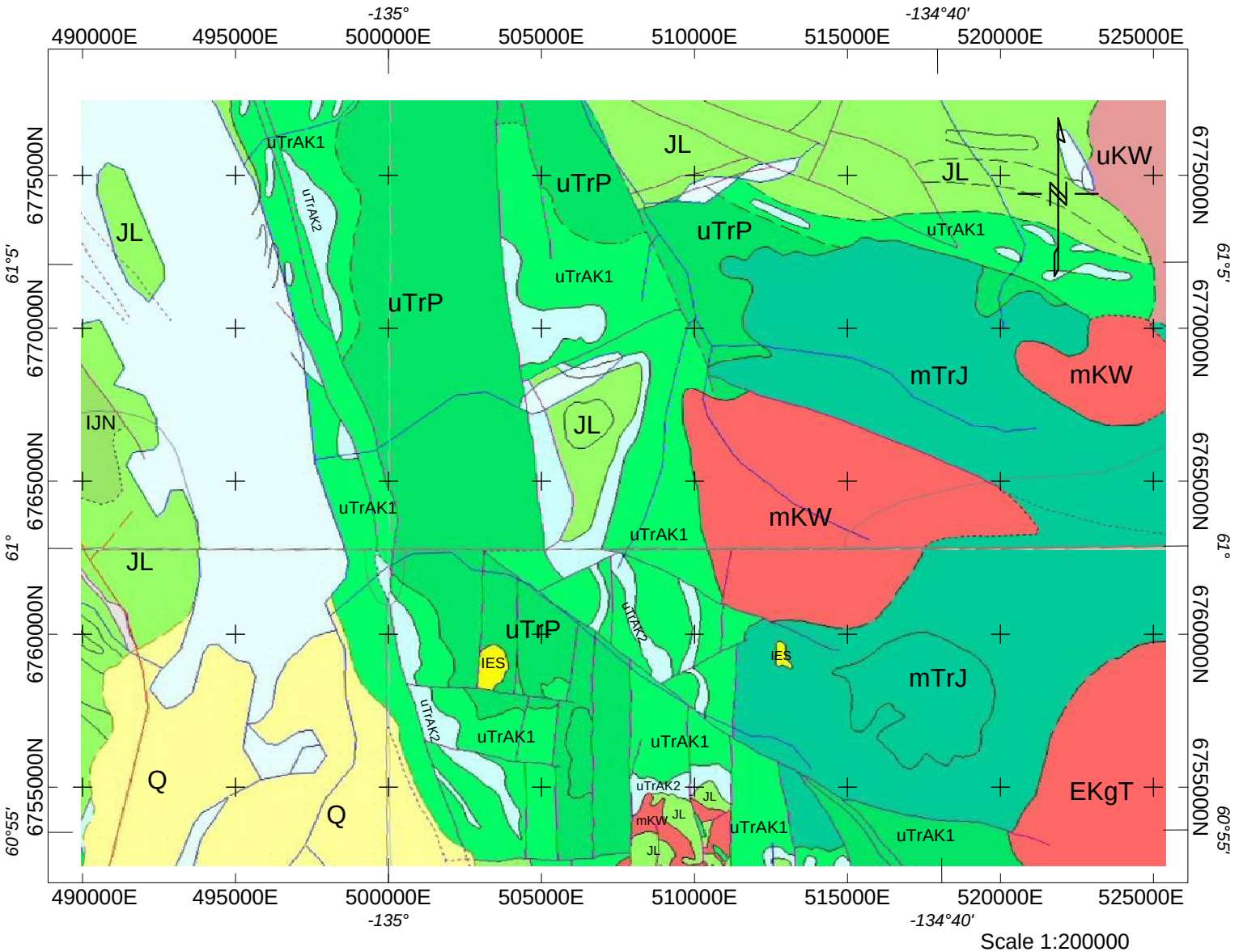


Figure 3 - Regional Geology Map

Aksala Formation **[uTrAK]** (Upper Triassic)	Marine sediments & minor volcanics: brown shale, black and minor red siltstone, greenish, calcareous, greywacke and interbedded bioclastic, argillaceous limestone; igneous- or limestone-clast pebble and cobble conglomerate; lahaaric debris flows; rare feldspar-augite porphyry flows (Casca mb. of Aksala). This unit borders the Molygarchy Property on the west.
Joe Mountain Formation **[KMN2]** (Middle Triassic)	Mafic to intermediate volcanics: massive basalt flows; fine- to locally medium-grained feldspar and pyroxene?-phyric, pillowed andesite; variably altered massive microdiorite; heterolithic diamictite; coarse-grained and locally pegmatitic, hornblende gabbro and diorite. This unit borders the Molygarchy Property on the east, north and south..

The underlying basement rocks are not exposed in the immediate property area and consist of Cache Creek Terrane marine sediments, carbonates and volcanics. These were accreted to the Wrangell Terrane to the west during the early Jurassic and are covered by sediments and minor volcanics of the Whitehorse Trough which includes both the Aksala and Joe Mountain Formations. Following accretion, the rock packages were deformed and intruded by the Teslin Suite intrusive rocks. The structural grain in the property area consists of major, north-south striking structures (350^0 to 10^0) with subsidiary east-west striking structures (100^0 to 130^0). The Joe Mountain and Aksala formations are mapped in both conformable and structural contact and it appears that the mapped structures are dominantly dip-slip faults.

8.0 PROPERTY GEOLOGY

No previous property scale mapping of the Molygarchy Property is available in the public record. This section describes mapping conducted in 2007; results are shown in Figure 4 .

8.1 Rock units

The following rock units are mapped on the property:

Unit [Map Unit - Figure 4] (Inferred Age)	Description

Overburden (Quaternary - Holocene)	Talus, organic and elluvial soil overlying boulder till in benches in the valley bottom.
Skukum Suite Volcanics **[IES2]** (Lower Eocene)	Thin (1 to 5 m) andesite dykes.
Teslin Suite **[EKgT]** (Early Cretaceous)	Granodiorite with aplite dykes

The property is underlain by a stock of Early Cretaceous Teslin Suite granodiorite. These rocks are white to light tan, weathering medium grey and red-brown along fractures due to hematite staining. The rocks are composed predominantly of a ground mass of anhedral white feldspar with variable amounts hornblende, biotite and quartz. This unit is dominantly fine crystalline (1-2 mm) and locally porphyritic with unaligned euhedral feldspar phenocrysts ranging is size from 3 to 5 mm. The proportions of hornblende and biotite are variable across the property.

Two types of alteration are mapped on the property. Widespread hematite with variable epidote and chlorite is found across the property. This alteration is often confined to fracture surfaces and is most intense along them. A second style of alteration consisting of limonite $\pm$ calcite $\pm$ potassium feldspar is associated with economic mineralization on the property and to date has been mapped only at lower elevations near Hig Creek.

Aplite consisting of massive, sugary textured, red-brown stained quartz and plagioclase is found west of the Beaver Dam showing at 513800E 6764042N on the south side of Hig Creek. No other occurrences of this material were seen during mapping but the Yukon Minfile property record mentions aplite as a possible host rock.

The Teslin Suite rocks are intruded by steeply dipping, northeast-trending andesite dykes presumed to belong to the Skukum Suite. Several of these dykes ranging from 2 to 20 m thick outcrop on the north side of Hig Creek, occurring near and east of the Yoo Hoo Showing. These dykes were not traced for any length because of poor outcrop and were not encountered elsewhere on the property.

Bedrock is overlain by unconsolidated overburden consisting of talus, boulder rich soil and glacial till. Talus is found at high elevations at the base of resistive outcrop and consists of angular to subangular boulders up to 2 m in diameter derived from local bedrock. At lower elevations, bedrock is covered by thin (1 - 4 m) brown to black, poorly developed boulder rich eluvial soil. Along Hig Creek there is a 20 to 30 m thick deposit of glacial till consisting of rounded boulders to 0.5 m within a very poorly sorted

dominantly sandy matrix. No obvious bedding or stratification is apparent in this deposit and it covers most of the bottom of Hig Creek on the Hig 1-16 claims. North of Hig Creek near the Beaver Dam showing, this bench is almost 100 m wide.

8.2 Structure

There are no primary structures visible in the Teslin Suite intrusion which can be mapped any distance. The granodiorite is intensely fractured and the stereogram below (Figure 5) displays poles to fracture planes across the entire property.
The stereogram suggests that most fractures and joints are nearly vertical and strike 23^0. There is a weak folding trend about an axis of 196^0 77^0 supported by the shallow dipping poles in the NW quadrant and by the cluster of shallow dipping poles just east of north. This latter cluster may also be caused by a subsidiary set of fractures oriented at 113^0 77^0 S. Outcrop on the property faces dominantly either south or north and consequently the dominant fracture direction visible in outcrop is biased towards north striking features.

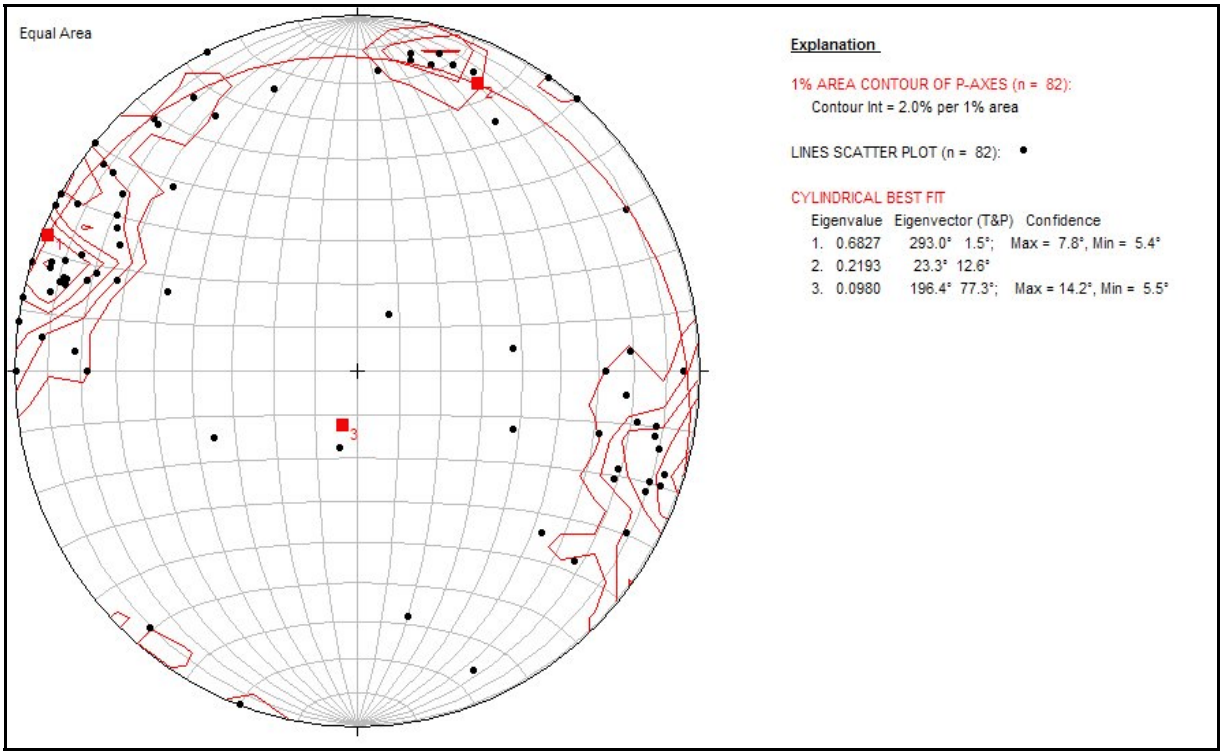


Figure 5. Poles to fracture / joint planes in Teslin Suite granodiorite.

Poles to the Skukum Suite andesite dyke contacts are plotted in Figure 6. The number of data points is too small to contour in a meaningful manner but the first Eigenvalue is an accurate measure of the best fit mean pole to the contact surfaces, suggesting a mean orientation of 23^0 84^0 W. The stereogram indicates that the andesite dykes are oriented in roughly the same direction as the dominant northeast-striking joint / fracture set. It is thus likely that this joint / fracture set developed in response to the regional strain regime in effect prior to the emplacement of the Skukum Suite dykes and that these dykes preferentially followed these fractures during emplacement.

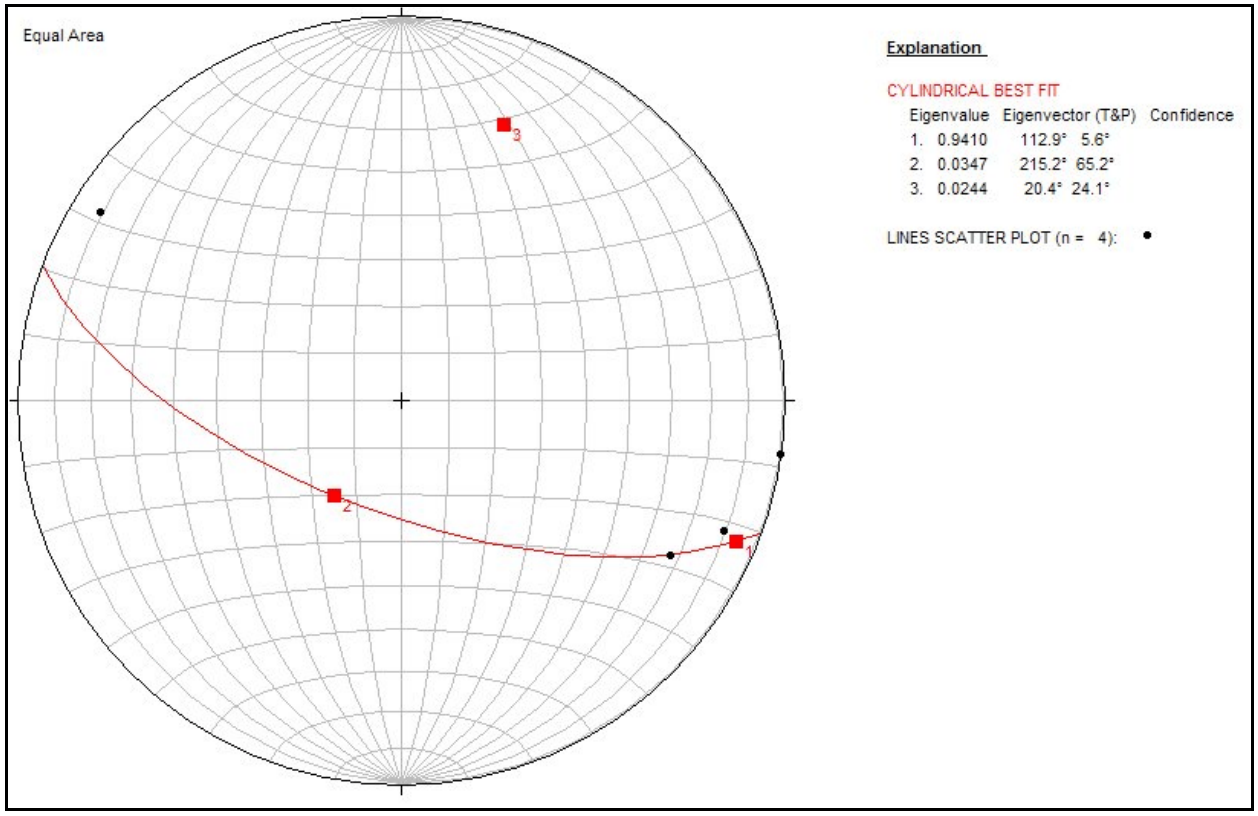


Figure 6. Poles to the contacts of the Skukum Suite andesite dykes. The dominant orientation of these dykes is 23^0 84^0 W.

9.0 ECONOMIC MINERALIZATION

The primary economic mineralization found to date on the Molygarchy Property consists of structurally-controlled molybdenum mineralization within steeply dipping, east-southeast striking zones characterized by pervasive potassic to argillic alteration. Molybdenum mineralization with tenor ranging from 0.020 to 0.441% Mo is found in granodiorite altered to a distinctive orange-brown colour by the replacement of hornblende and biotite by limonite and much lesser amounts of pink potassium feldspar. Molybdenum is the principal economic mineral and is found in small disseminations throughout the rock, and along quartz veins or fracture as blades and as large rosettes up to several centimetres in diameter. Figures 7 through 12 show rock sample locations and molybdenum analyses and assay results. To date, three areas of bedrock mineralization have been discovered; these are described in turn below:

9.1 Beaver Dam Showing

The Beaver Dam Showing is centred at 513860E 6763940N, south of Hig Creek. Mineralized granodiorite is exposed in bedrock along the edge of a high bank and downslope in a large fan of boulder talus. Mineralization consists of limonite altered granodiorite with disseminated molybdenite in flecks and lathes to 2 mm throughout the rock or as larger rosettes or blades along fractures or in thin (<1 cm) quartz veins. The distinctive characteristic of the host rock is the total replacement of biotite and hornblende by limonite, giving the fresh rock an orange-tan hue. Calcite, lesser pink potassium feldspar alteration and local silicification were also noted. Molybdenite dominates the sulphide assemblage, with subsidiary chalcopyrite and pyrite. Malachite is found with molybdenite in the eastern section of the showing.

The geological crew excavated a trench along the southern edge of the scarp above the talus fan. The trench was grubbed, shoveled and blasted over a length of 90 m by a three man crew. Following excavation, the trench was mapped and representative hand specimens of the mineralization were taken along its length. The origin of the trench mapping is at the west end of the trench (0E). Sample names are prefixed by TR and indicate the chainage along the trench in metres (eg. HIG-TR-10 is at 10 E along the trench.

Figure 13. Trenching crew drilling shot holes.

Figure 14. TR-07-01 from NW showing the talus fan above Hig Creek.

The trench log is shown below:

TR-07-01 Trench Log

Azimuth: 130^0
Origin: 513842E 6763957N
Origin coordinate: 0E

Interval	Samples	Description
0-5 m	HIG-TR-02	**Covered interval**; there is mineralized outcrop below the trench approximately 10 m. Granodiorite: brown & white mottled weathering brown. Intense limonite alteration (no hornblende or biotite) Disseminated molybdenite (<1%) in 1-2mm crystals. Along the trench: Till: very poorly sorted from silt to boulder (20 cm / rarely to 50 cm), sub-rounded with a few angular clasts; brown and capped by 10 cm of brown soil. Granodiorite: float @ 2 m along trench. Rusty brown weathering same, intense limonite alteration (no biotite or hornblende), minor yellow goethite, about 1% visible molybdenite in 4 mm rosettes.

Interval	Samples	Description
5-8 m		**Bedrock** Large (1m) angular float likely proximal to trench. Granodiorite: mottled white and light brown, intense limonite alteration (no hornblende or biotite), molybdenite as weakly disseminated 1-3mm crystals and (rarely) as rosettes to 1 cm along fractures or in vugs.
	HIG-TR-07	Granodiorite: As above taken from a large piece of float
8-10 m		**Bedrock** consisting of Granodiorite: white and mottled light rusty brown, intense limonite alteration (no hornblende or biotite), 1-2% disseminated molybdenite also mor common along fractures or in heavily disseminated clots several cm in size.
	HIG-TR-10	Granodiorite: as above with heavily disseminated clot of molybdenite about 3 cm in size
10-13 m		**Covered interval;** Till as above
13-21 m		**Bedrock** consisting of Granodiorite: mottled brown and white with a purple tinge, weathering buff-brown. Rock is well jointed along flat lying joint sets about 20 cm apart. Molybdenite occurs as disseminated crystals 1-2mm and more rarely as heavily disseminated sulphides in clots to several cm and most rarely in vein fillings where it may be massive and up to 1 cm thick; some malachite stain associated with molybdenite crystals.
	HIG-TR-15	Granodiorite: as above with massive molybdenite vein filling 1 cm wide
	HIG-TR-19	Granodiorite: as above with heavily disseminated molybdenite in clumps to several cm.

Interval	Samples	Description
21-40 m		**Covered interval**: Till: as above with more rounded and fewer angular clasts. **Bedrock** occurs at 26-28 m within this section. Till consists of sub-angular to sub-rounded boulders of fresh granodiorite and angular boulders (fairly common) of mineralized granodiorite and rare andesite.
	HIG-TR-30	Granodiorite: mottled brown and white weathering brown containing molybdenite crystals to 4 cm.
40-44 m		**Bedrock:** Granodiorite: mottled white and light brown weathering buff, intense limonite alteration (no hornblende or biotite). Molybdenite and (rare) chalcopyrite in blebs and crystals to 1%. Some very large rosettes of molybendite to 4 cm found on fracture faces.
	HIG-TR-40	Granodiorite: as above with disseminated molybdenite & chalcopyrite
44-70 m		**Covered interval:** Till: as above except that it is overlain by up to 1 m of black soil with large rounded and (rarely) angular boulders entrained. Molybdenite float is absent after about 49 m. Copper content appears to increase in samples with molybdenite in this area. A few samples show molybdenite with hornblende and biotite in intensely limonite altered rocks.

The trench starts in molybdenite mineralization on the west end. There are no bedrock exposures immediately west of the trench which indicate where the mineralization ends. Molybdenite mineralization in float and bedrock samples is found over a distance of about 50 m along the western half of the trench.

A local grid was chained down the talus slope, north to Hig Creek and the talus fan was prospected intensively. Figure 9 illustrates the location of all samples collected in the area of the Beaver Dam showing and Figure 10 shows molybdenum analyses and assay results. Mineralized and altered grandodiorite float is occurs along a trend of 105^0 / 285^0, striking obliquely down hill to the east-southeast from the western end of the trench. This mineralization can be traced to the Yoo Hoo showing, 360 m to the east.

Molybdenite tenor in rock samples around the showing varies from around 1% to trace amounts and rock samples collected at the Beaver Dam zone averaged 599 ppm Mo with a median analyses of 328 ppm Mo. The best assay was 0.360% Mo from HIG-L16E-2N collected along the trench.

9.2. Yoo Hoo Showing

The Yoo Hoo Showing is centred at 514215E 6763845N in a bedrock outcrop on the north side of Hig Creek. Mineralization is exposed over an area approximately 20 m (E-W) by 15 m (N-S) and the exposure extends over a vertical distance of about 10 m from the creek to the top of the bank. The mineralization consists of pyrite $\pm$ molybdenite $\pm$ (rare) chalcopyrite in limonite altered granodiorite. Hornblende and biotite are replaced by limonite and lesser epidote, imparting a greenish tinge to the rock. Sulphide mineralization varies from pyrite dominant to molybdenite dominant and with few exceptions, the sulphide minerals are from 1 to 2 mm in size. Figure 11 illustrates the location of all samples collected in the area of the Beaver Dam showing and Figure 12 shows molybdenum analyses and assay results. The tenor of mineralization varies from 10 samples collected on a small grid covering the showing averages 140 ppm Mo and a median analysis of 109 ppm Mo. The best analysis was 300 ppm from sample HIGY- 15E - 19S collected near the creek. This showing may extend further east as similar mineralization was sampled 60 m upstream (HIG-MP-04 / 135 ppm Mo).

9.3 Serendipity Showing

The Serendipity Showing is centred at 514423E 6763550N and consists of a small (1 m by 1 m) bedrock exposure of limonite altered granodiorite and surrounding limonite altered float. The sole sample collected at this showing (HIG-MP-05) returned 288 ppm Mo from a sample containing fine crystalline molybdenite.

9.4 Other showings

The best sample collected on the property in 2007, HIG-MP-01, was taken from a north-striking, yellow-green stained quartz vein about 60 cm wide at 514049E 6763937N. This vein outcrops on the west side of a gully formed by a south draining tributary of Hig Creek. Further up the north slope of Hig Creek, sample HIG-EM-01 returned 0.219% Mo from a 5 cm wide quartz vein containing bladed molybdenite.

9.5 Alteration

Both lateral and vertical variations in alteration were mapped on the property. Along the Beaver Dam - Yoo Hoo showing trend, carbonate (calcite) alteration and silicification is most evident at the western end while epidote is more common on the eastern end.

This is accompanied by a change in sulphide mineralization from almost exclusively molybdenite at the west end of the Beaver Dam Showing to pyrite- dominated mineralization at the Yoo Hoo Showing. The alteration zone surrounding the Beaver Dam - Yoo Hoo mineralization is on strike with a zone of intense siderite veining in granodiorite. This zone is approximately 1200 m west and about 300 m above the Beaver Dam showing.

The characteristic limonite alteration and destruction of both hornblende and biotite associated with molybdenum mineralization appears to be confined to lower elevations in the area of Hig Creek. At higher elevations north and south of Hig Creek, the granodiorite is fresh and alteration is limited to epidote and hematite along joints with a bit of white quartz veining.

9.6 Tenor of economic mineralization

The histogram below indicates the distribution of molybdenum mineralization from the 72 samples analyzed. Half of the samples returned analyses or assays greater than 200 ppm (0.020%) Mo.

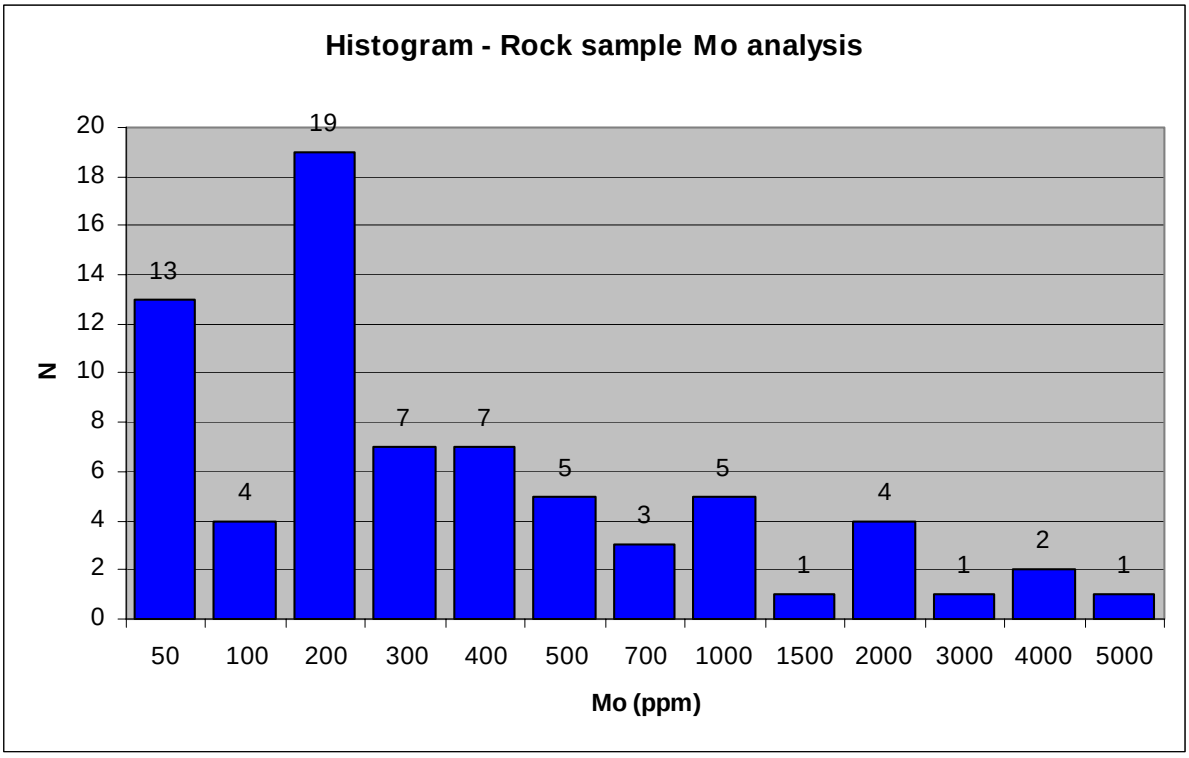


Figure 15 - Distribution of molybdenum analyses from all rock samples collected during 2007 (72 samples). Numbers along the x-axis indicate the upper limit of the bin.

The median analysis was 213 ppm Mo, the average analysis was 517 ppm Mo and 11 of the 72 samples returned assays greater than 0.100% Mo. The highest assay was 0.441% Mo returned from a quartz vein peripheral to the main mineralized zone (Sample HIG-MP-01).

10.0 SOIL GEOCHEMICAL SURVEYS

This section describes soil geochemical surveys performed on the property to date. A total of 514 soil samples have been collected on the property.

10.1 Procedures

Mineralization identified to date on the Molygarchy Property consists of molybdenite with minor associated pyrite and chalcopyrite. The expected soil geochemical response over this mineralization is anomalous molybdenum and copper. In addition, carbonate and potassic alteration is associated with the mineralization and this may be expressed by anomalous Ca and K responses.

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

1. Analyses below the detection limit and censored values above the upper limit of detection were assigned values equal to half the detection limit.

2. The mean (M), median (Md) and standard deviation (SD) of the entire data set were calculated for the elements of interest..

3. Histograms of molybdenum and copper analyses were plotted:

4. Bubble plots of the investigated elements were plotted using the following thresholds for each bin size:

   M-1SD
   M
   M+1SD
   M+2SD
   M+3SD

5. Scatter plots were prepared to examine the covariance between elements.

10.2 Univariate analysis

Appendix F contains the results of univariate statistical analysis of the investigated elements, described by element. The table below summarizes these results for the elements of interest:

Parameter	Mo (ppm)	Cu (ppm)	Ca (%)	K (%)
Median	6	9	0.1	0.03
Mean	12	20	0.2	0.04
Standard deviation	15	51	0.2	0.02
M+1SD	27	71	0.4	0.06
M+2SD	42	123	0.7	0.08
M+3SD	58	174	0.9	0.10

10.3 Covariance analysis

Figures 16 through 18 are scatter plots of Ca, K and Cu versus Mo compiled from the entire soil sample data set. The results for K are limited to the 2006 data set and corrugated by the detection limit (± 0.01%) at the low values detected. These plots illustrate no strong correlation between the elements in the soil samples.

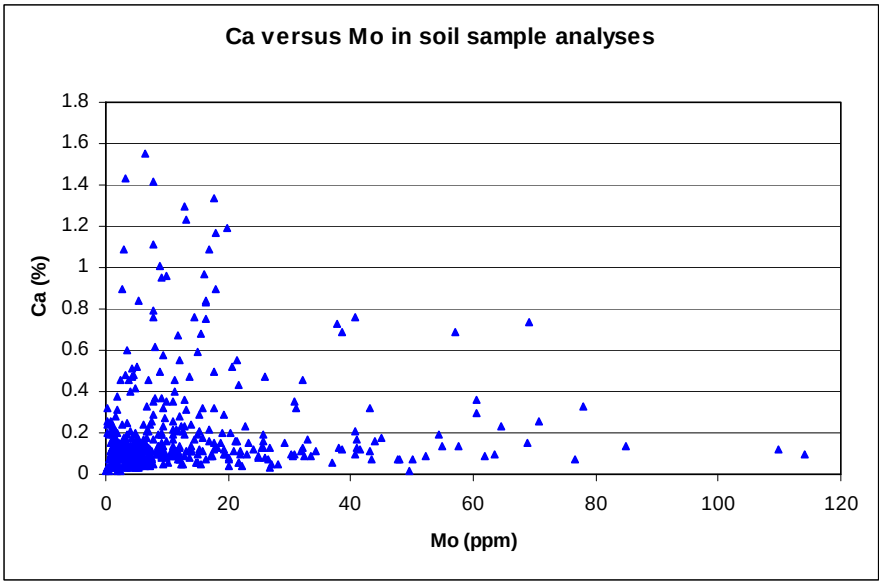


Figure 16. Scatter plot of calcium versus molybdenum in all soil samples.

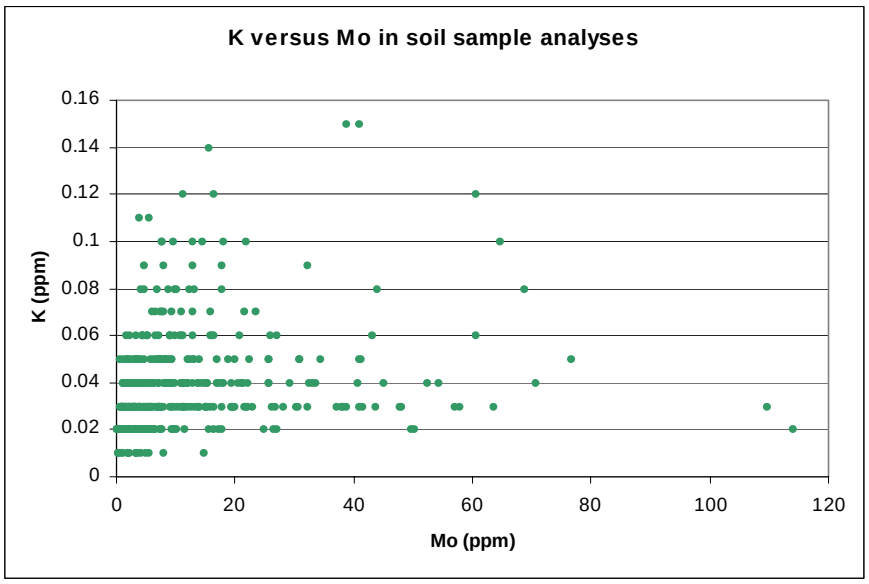


Figure 17. Scatter plot of potassium versus molybdenum in 2006 soil samples.

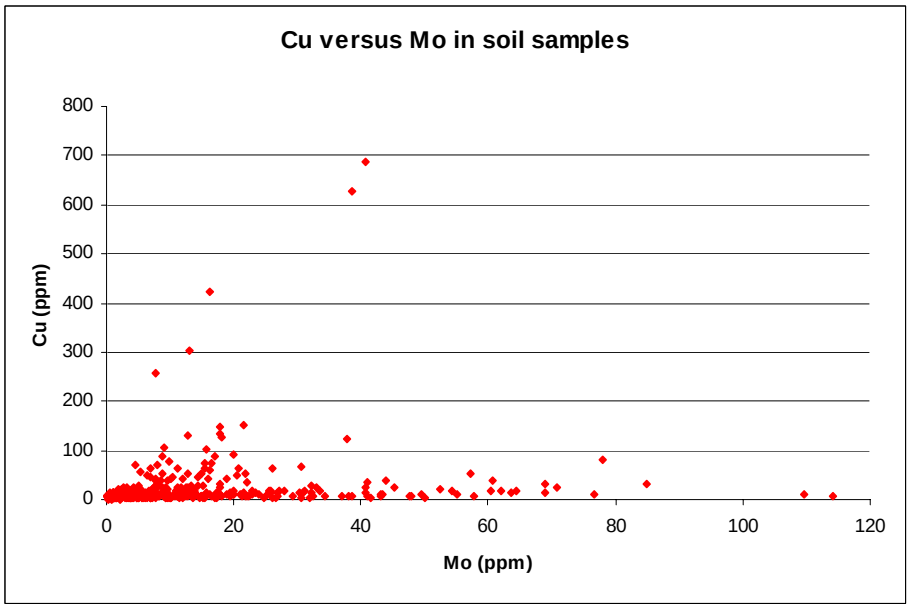


Figure 18. Scatter plot of copper versus molybdenum in all soil samples.

In general there is a poor correlation between either copper or calcium and molybdenum and a weak correlation between potassium and molybdenum. In each data set however, there appears to be a subset of samples which do show this correlation. These plots should be compared with comparable plots for the rock sample analyses shown in Figures 19 and 20 below. In these plots, analyses from two quartz veins not associated with limonite altered granodiorite are indicated as outliers and these analyses should be ignored.

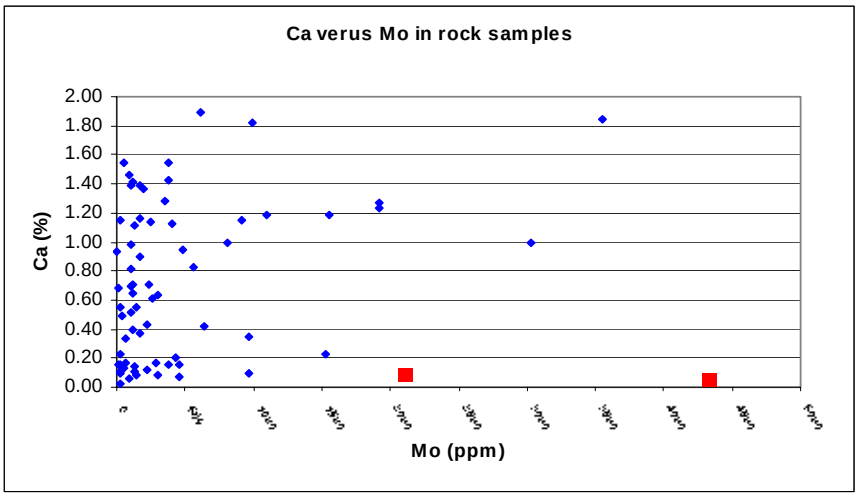


Figure 19. Calcium versus molybdenum in rock samples. Analyses from two quartz veins are indicated as outliers; the other samples are from altered granodiorite.

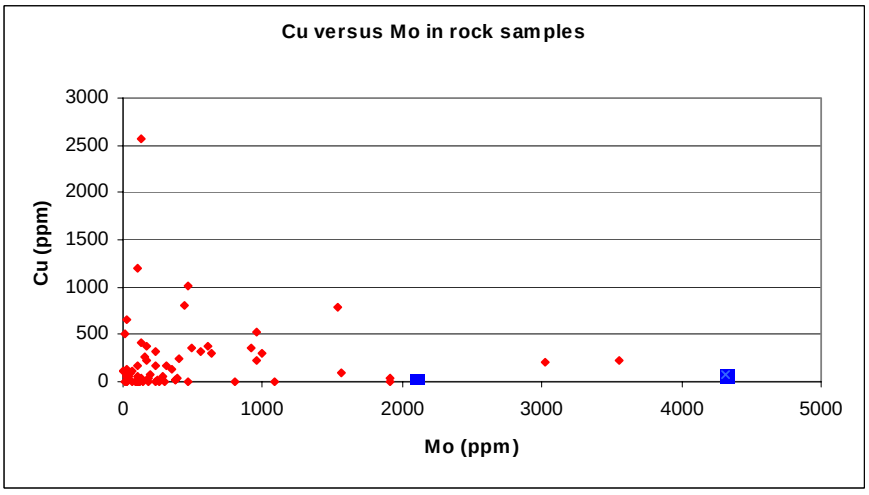


Figure 20. Copper versus molybdenum in rock samples. Analyses from two quartz veins are indicated as outliers; the other samples are from altered granodiorite.

There is a clearer correlation between both copper and calcium in the rock sample results. Unfortunately, the rocks were not analyzed for potassium which showed the best correlation with molybdenum in the soil survey data set.

10.3 Results

Figures 21 through 24 show the results of soil geochemical surveys for molybdenum, copper, calcium and potassium respectively. In each plot, thresholds for bin limits of each element (bubble size breaks) are one standard deviation below mean, the mean, and 1 through 3 standard deviations above mean. Also shown on each map are the mineral showings and the area in which molybdenite float is found.

The geochemical results for copper and molybdenum below 1200 m are essentially flat and show no correlation with the mapped bedrock mineralization. This may reflect the fact that this area is partially covered with glacial sediments, notably thick benches of till along Hig Creek. Potassium results show a weak response coincident with the Beaver Dam Showing while the calcium response is less clearly associated with this showing and the mineralized float trend.

At higher elevations, there are elevated responses in molybdenum and copper in different areas of the grid. Elevated molybdenum responses both north and south of Hig Creek are not associated with either potassium or calcium. Copper responses north of Hig Creek are generally associated with elevated potassium and calcium responses.

There are weak single sample site responses in molybdenum, calcium and potassium in the immediate area of the Serendipity Showing. A weak molybdenum response is associated with the northernmost vein (Sample HIG-EM-01).

The areas containing elevated molybdenum responses north and south of Hig Creek were prospected during the 2007 program but the crew was unable to determine the source of the anomalies. The underlying granodiorite is unaltered in both areas.

11.0 DISCUSSION

Work to date on the Molygarchy Property has located a zone of molybdenum mineralization roughly coincident with Hig Creek extending from 513860E 6763940N (Beaver Dam Showing) to 514215E 6763845N (Yoo Hoo Showing). Molybdenite-bearing float occurs in a zone trending obliquely down slope from the Beaver Dam Showing east to the Yoo Hoo Showing over a distance of 360 m. This zone is likely steeply dipping as mineralization is exposed over a vertical distance of about 10 m at each showing. The trace of the mineralized float suggests that the strike of the zone is unaffected by topography. The strike direction of this zone is sub-parallel with a

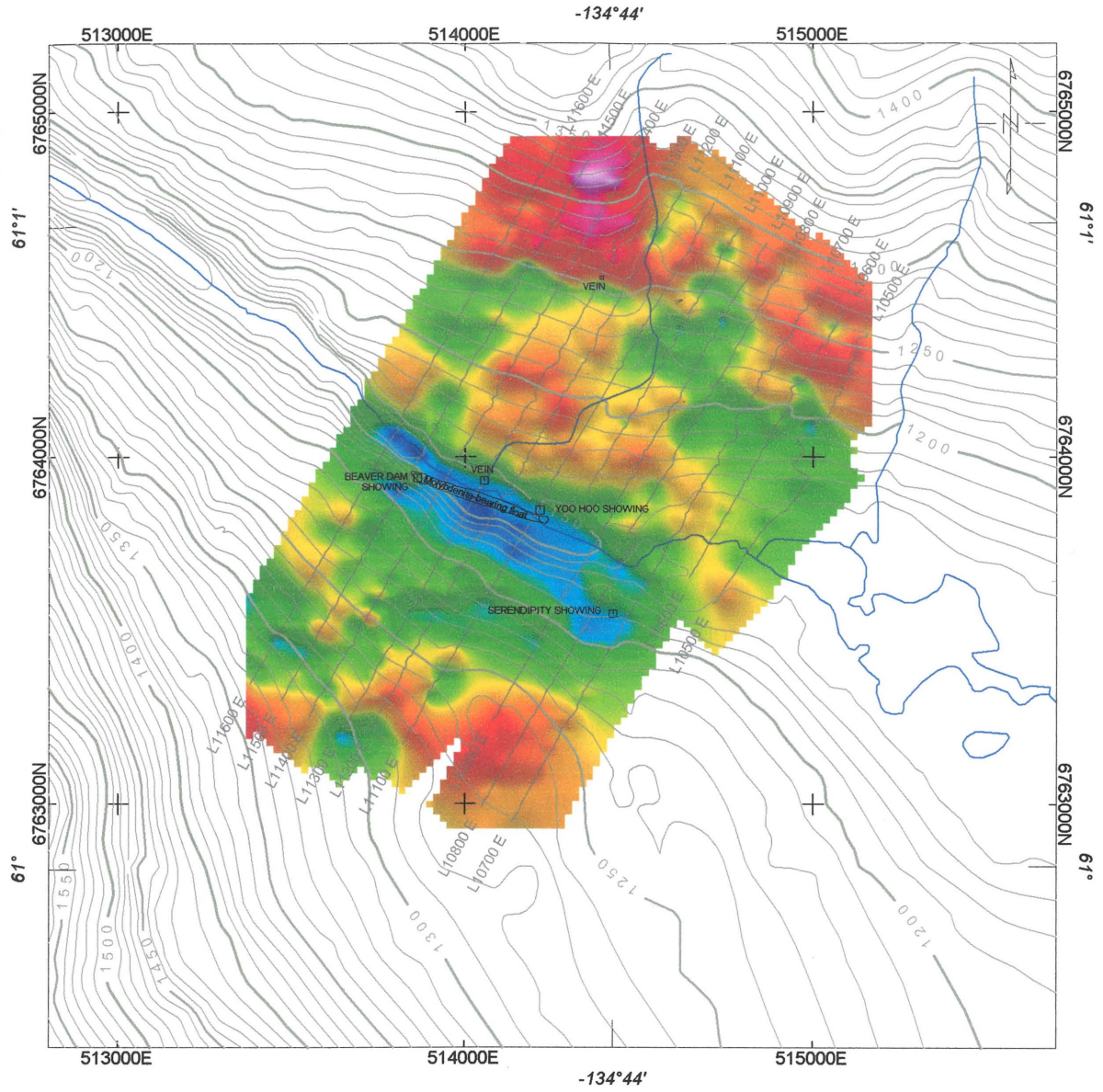
secondary fracture set in the Teslin Suite granodiorite.

The molybdenum mineralization occurs in Teslin Suite granodiorite altered to a tan, limonite ± calcite ± potassium feldspar bearing rock in which hornblende and biotite are completely replaced by alteration minerals. In this altered rock unit, disseminated molybdenite occurs in lathes and blebs up to 2 mm in length distributed throughout the rock, and in clots and rosettes to several centimetres along fractures and in thin quartz veins. The absence of biotite and hornblende and the presence of limonite are necessary but not sufficient conditions for the occurrence of limonite as there are areas where the limonite-altered granodiorite is found with little or no molybdenite. Nonetheless, the majority of samples of mineralized float and bedrock collected along this zone have returned assays above 100 ppm Mo (>0.010% Mo).

The alteration of iron bearing minerals to limonite suggests that there may be a reduction in bulk magnetic susceptibility associated with the mineralization. Figure 25 is a map of the total magnetic field from a ground survey conducted on the property in 2006. This diagram illustrates that the molybdenum-bearing mineralization occurs in a large total magnetic field low roughly coincident with Hig Creek. It is unclear whether the total field low is entirely due to the alteration or may be caused by thick glacial deposits in benches along the creek.

Soil geochemical results have thus far proven to be of little use in locating new bedrock mineralization. The known mineralization occurs at lower elevations where the response may be attenuated or absent because of the overlying glacial sediments. Prospecting of soil anomalies located above 1200 m has not located the source of these anomalies. The lack of an association between molybdenum and either calcium or potassium may indicate that the molybdenum geochemical anomalies are transported rather than *in situ*.

The zone of mineralization along Hig Creek merits drill testing but the target is poorly defined. Strike and dip appear to be constrained by the distribution of mineralized float and the two bedrock occurrences but much of the creek bottom is covered by glacial till in thick benches. If the association between the magnetic low and limonite alteration is correct, there may be a large target beneath the creek and the surrounding benches. One strategy might be to drill under the known occurrences and step away from them after the dip and strike are clearly defined. Alternatively, if there is a distinct resistivity contrast between the limonite altered granodiorite and the unaltered country rock, an IP / resistivity survey might be conducted first to define the zone in more detail prior to drilling.



Total Magnetic Field
(nT)

58512 58540 58570 58600 58630 58660 58690 58720 58750 58780 58810 58840 58870 58900 58930 58960 58990 59020 59050 59080 59110 59140 59170 59200 59230 59260 59290 59320 59350 59380 59410 59440 59470 59500 59530 59560 59590 59620 59656

Scale 1:20,000

250 0 250 500

(meters)

NAD83 / UTM zone 8N

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M.A. POWER
GEOSCIENTIST
2007

MOLYGARCHY PROPERTY

Figure 25 - Total Magnetic Field

11.0 CONCLUSIONS

The results of prospecting, geological mapping and geochemical surveys conducted to date on the Molygarchy Property support the following conclusions:

a. Molybdenite-bearing bedrock occurs at the Beaver Dam and Yoo Hoo Showings. Molybdenum concentrations in the majority of samples collected to date exceed 100 ppm (0.010% Mo) and grade up to 0.360% Mo. The mineralization is hosted in limonite $\pm$ calcite $\pm$ potassium feldspar altered grandodiorite in which hornblende and biotite have been destroyed.

b. Molybdenite-bearing float of similar grade occurs between the two showings over a distance of 360 m. The area of float and the two showings constitute a zone striking 105^0 / 285^0 along Hig Creek. The zone appears to be steeply dipping.

c. There is at least one other occurrence of similar style mineralization in a separate showing (Serendipity Showing) south of Hig Creek.

d. The molybdenum-bearing mineralization occurs in a large total magnetic field low. This low may be caused by the oxidation of magnetic minerals to limonite and might indicate that a large volume of altered and potentially mineralized rock underlies Hig Creek.

12.0 RECOMMENDATIONS

The following recommendations, based on the conclusions of this report are made for additional work on this property:

a. Measurements of electrical resistivity, magnetic susceptiblity and chargeability should be made on samples of bedrock and surrounding country rock collected at the Hig Property. The results of these measurements will indicate if the exposed mineralization can be traced by geophysical methods.

b. If warranted by the results of the physical property testing, induced polarization and / or electromagnetic field surveys supplemented by detailed total magnetic field surveys should be conducted over and between the Beaver Dam and Yoo Hoo Showings to define drill targets.

c. The known mineralization should be tested by drilling, hopefully with the guidance of geophysical survey results but if these are not available, tested nonetheless by drilling under and stepping out from the known showings.

d. Additional prospecting and mapping should be conducted around the Serendipity Showing and near the enigmatic molybdenum geochemical anomalies at higher elevations.

Respectfully submitted,
AURORA GEOSCIENCES LTD.

Mike Power M.Sc. P.Geo.
Geophysicist

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APPENDIX A. CERTIFICATE

I, Michael Allan Power, M.Sc. P.Geo., P.Geoph., with business and residence addresses in Whitehorse, Yukon Territory do hereby certify that:

1. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (registration number 21131) and a professional geophysicist registered by the Northwest Territories Association of Professional Engineers, Geologists and Geophysicists (licensee L942).

2. I am a graduate of the University of Alberta with a B.Sc. (Honours) degree in Geology obtained in 1986 and a M.Sc. in Geophysics obtained in 1988.

3. I have been actively involved in mineral exploration the Northern Cordillera since 1988.

4. I have a direct interest in 37999 Yukon Inc. and in the property described in this report.

Dated this 15th day of October, 2007 in Whitehorse, Yukon.

Respectfully Submitted,

Michael A. Power M.Sc. P. Geoph.

APPENDIX B. SURVEY LOG

SURVEY LOG
379-7536-YT HIG Moly

CREW:	Crew chief	Mike Power	09 July - 12
	Tech	Eric Morrow	09-July-22
	Field hand	Bruce Germain	12-22 July

		Geology		Total	Survey type #2		Total	Work	
Date	Grid		Stations	(line-km)	Lines	Stations	(line-km)	Hours	Remarks
9-Jul	Main		3						Met at the office at 0600hrs. Picked up groceries, went to Helidynamics - first lift (MP) at 0730 hrs. EM & Stuart Murray drove to Jackfish Bay (North side) and staged from there. Delay because of missing groceries. Last lift in about 1100 hrs. Set up camp until 1630. Mapping & prospecting along creek near camp until 1930 hrs. Wx: Cloudy, cool.
10-Jul	Main		31						Left shortly after 8AM. Worked the NW corner of the property, turning around and heading back about 1400 hrs. Prospected along the south side of the creek near the moly show to end the day. Back at 1815 hrs. Wx: partly cloudy
11-Jul	Main		32						Left shortly before 8AM. Worked along the creek to the lake, then south to the soil Mo high, then west to the western property boundary then back to the showing. MP prospected on the north side of the showing and EM prospected around the showing; extended bedrock showing to about 100 m. Back at 1830 hrs. Wx; partly cloudy, cool
12-Jul	Main								Left shortly after 0800 hrs. Worked at the showing; MP cutting line of sight for baseline, EM prospecting around showing. Back at camp at 11AM to await chopper arrival. Chopper arrived approx. 12:30PM. BG and EM headed back to showing; BG continued cutting line of sight then BG and EM sighted the baseline and started chaining grid down the hill. Back at 1800 hrs. Wx; partly cloudy.

13-Jul	Main								Left shortly after 0800 hrs. BG cut chopper pad above showing, EM continued chaining grid. BG then started trenching along showing. Returned to camp around 1800 hrs. Wx; cloudy periods.
14-Jul	Main		14						Left approx. 0815 hrs. EM and BG prospected northeast quadrant of claim; made way back to showing and continued trenching. Return to camp 1800 hrs. Wx; sunny AM, cloudy PM.
15-Jul	Main								Left approx. 0815 hrs. Continued trenching until approx. 1500 hrs, then started sampling along grid. BG cut left hand while sharpening chainsaw, applied bandage from first aid kit. Wx; rain AM, variably cloudy PM.
16-Jul	Main								Left approx. 0815 hrs. Prospected along creek bed to lake, then back along the other side to camp. Returned to camp around 1600 hrs. Wx: rain, cool.
17-Jul-07	Main								MP flew in with explosives at 1600 hrs. Wx: showers

18-Jul-07	Main								EM & BG left for the showing at about 0730 hrs; MP followed after 8AM. Soil sampling & staking crew arrived at about 9AM (TNTA flying). Trenching from the west end of the trench. Set up and fired two blasts. Ordered more powder which was shipped in at 1700 hrs when the staking / soil sampling crew left. Staking crew staked an additional 15 claims on the western end of the block; soilers sampled along the claim lines in the existing block. Problems with Pyonjar later in the day (recoil mechanism and idling behavior) MP and BG stayed at the pad until 2000 hrs to fix. EM left at 1830 when the powder arrived and made dinner. Wx: Partly cloudy, warm.
19-Jul-07	Main								Left for work at 0800hrs. Spent the day blast trenching - finished at 1700 hrs. Wx: sunny then showers / rain in late PM
20-Jul-07	Main								Left for work at 0800hrs. Finished blast trenching to 70 m @ 1800 hrs and returned. Wx: sunny then hail and heavy rain.
21-Jul-07	Main								Left for work at 0815 hrs. Hand trenching (EM & BG); trench mapping (MP). Followed trial of float back down to the creek and towards camp. Found new showing near camp. Wx: foggy with slight drizzle in AM.
22-Jul-07	Main & Camp								MP & BG mapped showing near camp; EM tore down camp. Helidynamics showed up at 1530hrs with a long ranger and all gear and personnel were out by 1700hrs. Wx: cloudy, drizzle, clearing and sunny in PM.

APPENDIX C. STATEMENT OF COSTS

Statement of Expenditures
Molygarchy Property - 2007

Preparation, mobe & demobe		
Camp & equipment preparation	$1,015.00	
Helicopter staging (July 9 & 22)	$600.00	
Project management	$202.50	
Expediting	$735.00	
Total - preparation, mobe / demobe	$2,552.50	$2,552.50
Operations		
Mapping & prospecting: 9.0 days @ $930	$8,370.00	
Trenching & blasting: 5.0 days @ $1,330	$6,650.00	
Helper: cross shift travel day: 1.0 days @ $330	$330.00	
Soil sampling crew: 1.0 days @ $700	$700.00	
Camp, satellite phone: 14 days @ $120	$1,680.00	
Total - Operations	$17,730.00	$17,730.00
Expenses		
Fuel	$195.09	
Groceries	$1,246.11	
Field supplies	$123.26	
Helicopter	$15,266.55	
Explosives	$1,667.14	
Communications	$274.65	
Total - Expenses	$18,772.79	$18,772.79
Report		
Assays	$449.88	
Report preparation	$4,000.00	
Total - Report	$4,449.88	$4,449.88
		$43,505.17

I certify that these costs are true and correct to the best of my knowledge.

Michael A. Power, P.Geo.
Geophysicist

APPENDIX D. GEOLOGICAL MAPPING & PROSPECTING OBSERVATIONS

Station	UTME	UTMN	Bedding	Vein	Fractures	Samples	Notes	Date
1	514050	6763936		12-68-W		HIG-MP-01	Qtz vein w/yellow-green stain, poss. Cpy & moly	9-Jul-07
2	513894	6763974				HIG-MP-02	Grano w/thin qtz veins, some open space qtx filling, moly rossettes along fractures, diss fgr cpy	9-Jul-07
3	514132	6763859				HIG-MP-03	Grano float w/mal stn, dk brn limon veinlets, some ruby-brown. Sample from wash in creek.	9-Jul-07
4	514227	6764099			360-90 124-90		Grano: mxl (2mm) biot, sl hem altn	10-Jul-07
5	514237	6764176			336-38-E 12-30 / 90		Grano: white-light grey, wx brown-pink, mxl (1-2mm) hbl, plag, minor qtz.	10-Jul-07
6	514211	6764171			12-28 / 90 100-78-S		Grano: 15-30% biot, epid veinlets 4mm wide	10-Jul-07
7	514280	6764208		324-30-N	20-64-E 16-80-E		Grano: wh-pink wx gy-brn, biot ± hbl to 3mm. Vints of wh-pink feldspar to 1 cm	10-Jul-07
8	514322	6764250			8-90 18-90 300-15-W		Grano: wh-tan-pink wx buff or gy, biot ± hbl (10-20%), rare plag phenos to 3 mm.	10-Jul-07
9	514357	6764288			20-70-W 360-68-E 58-80-E		Grano: aa	10-Jul-07
10	514284	6764329			50-64/80-90E 108-80-S		Grano: buff wx wh-gy fxl (<2mm) biot (10-15%) rare plag phenos to 3mm, euhedral	10-Jul-07
11	514312	6764378			10-18 / 78W - 90		Grano: as above w/veinlets of green qtz & very rare cpy	10-Jul-07
12	514333	6764448			20-40 / 40-60 W		Grano: buff-wh, wx lt brn on fractures or lt gy. 10-15% fxl (<2mm) biot in a groundmass of wh-lt gy - pnk plag	10-Jul-07
14	514344	6764485		84-100/80-90S	20-30/70 E		Grano: as above w/thin discontinuous limonite qtz veins	10-Jul-07
15	514391	6764518		18-79-E		HIG-EM-01	Qtz vein: cxl qtz + moly. Fxl in thin veinlets, drusy qtz	10-Jul-07
16	514440	6764658			50-82-E 18-72-E		Grano: wh wx lt gy 10-15% mxl (2-3mm) euhedral-subhedral hbl, rare plag phenos to 3 mm	10-Jul-07
17	514349	6764765			4-16 / 72-78 /E		Grano: aa	10-Jul-07
18	514339	6764817			19-84-E 104-78-S		Grano: wh, wx lt gy, 10% hbl ± biot in xl to 2 mm	10-Jul-07
19	514368	6764841			352-38 / 70-W		Gran(o)(ite): who-sl pink wx pink, 10-15% grn 2-4mm hbl ± biot. Plag phenos to 3 mm	10-Jul-07
20	514337	6764878			38-80-E 18-84-W		Grano: wh-buff wx white 10% mxl (2-4 mm) euh biot, wh+pink feld, some to 4 mm, thin kspar veinlets	10-Jul-07
21	514148	6764892			22-76-E		Grano: bf-wh wx lt gy, 15% anhed biot	10-Jul-07
22	514128	6764828			20-70-E 360-90		Grano: as above w/ biot to 4 mm	10-Jul-07
23	514113	6764770			32-72-E		Grano: aa	10-Jul-07
24	514039	6764630		85-44-N	10-72-W		Grano: lt gy wx same, 10-15% euhedral biot in xl to 3 mm fxl wh-pink plag; thin chlor veins	10-Jul-07

25	513979	6764494			38-84-E		Grano: wh-buff wx brn 10% subhed biot to 2mm, plag: euhedral to anhedral up to 2mm	10-Jul-07
26	513944	6764419			14-82-E 44-64-E		Grano: as above w/lim+chlor stn on NS joints	10-Jul-07
27	513835	6764385			36-74-E 18-84-E		Grano: as above w/lim stain on joint sets	10-Jul-07
28	513760	6764310			40-72-W 78-60-N		Grano: wh-buff wx dk rusty brn on fractures	10-Jul-07
29	513680	6764250					Grano: as above w/intense lim stain	10-Jul-07
30	513655	6764230					Grano: as above w/intense lim stain	10-Jul-07
31	513684	6764141		60-72-E	60-72-E		Grano: k-spar veining, lim stain less intense; 30 m along slope to the east, qtz veins	10-Jul-07
32	513752	6764086		58-80-E			Vein-fault; crushed grano w/lim, plag altered to wh clay, drusy, vuggy qtz, abun lim stain 20 m to the east along the creek, 5 m wide trachyte vein	10-Jul-07
33	513800	6764042					Mystery rock (?aplite)	10-Jul-07
34	513876	6763979				HIG-EM-02	Grano float w/ lim stain, mal+moly!	10-Jul-07
35	514225	6763824			68-80-W 6-82-E		Grano: bf-brn wx same, no biot or hbl, intense lim altn, lim veinlets	11-Jul-07
36	514264	6763799	32-82-E		30-84-E		Andesite: amyg / some vesicles, dk gy wx mgy, magnetite phenos 2-3 mm; dyke is 20 m wide, station on east side	11-Jul-07
37	514276	6763793	22-80-W			HIG-MP-04	Andesite dyke (2 m) in grano. Moly blebs in wx grano	11-Jul-07
38	514355	6763763			22-80-W		Grano: mottled buff-brn wx buff-tan, 20% lim blebs (after hbl + biot?) lim along fractures (lt brn); 10 m E along creek - 3 m wide AND dyke, same strike / dip as joints	11-Jul-07
39	514371	6763749				HIG-EM-03	moly fleck in alt grano (no hbl / biot)	11-Jul-07
40	514435	6763710	30-70-W				Andesite: 20 m wide dyke, aa with sanidine(?) phenos	11-Jul-07
41	514473	6763685			20-40/80-90/E		Grano: tan-gy wx lt brn, loc lim, 10euh biot to 2 mm, plag, 15% qtz, lim along fractures but gen fresh. A few 2 cm sugary qtz veins	11-Jul-07
42	514505	6763715	8-90-W	30-74-W		HIG-EM-04	Qtz vein: wh-tan, cxl (1 cm), tr py borders 20 m wide AND dyke at about 8/90.	11-Jul-07
43	514554	6763749			20-80-W 150-80-S (weak)		Grano: buff wx lt gy-brn, 10% euh biot to 2 mm	11-Jul-07
44	514423	6763549				HIG-MP-05	Grano: as above except 10% hbl. Moly veinlets in lim alt grano	11-Jul-07
45	514374	6763541					Grano: m-dk brn wx same; hbl + biot alt to lim, concretionary vuggy qtz veins	11-Jul-07
46	514353	6763485			20-84-W		Grano: lt-brn-gy 10% lt grn hbl, lim stain along fract	11-Jul-07
47	514327	6763432			360-85-W		Grano: as above but less limonite (fresh)	11-Jul-07

48	514273	6763374					Grano: mottled lt gy to blk wx brn, lim stn along fract, 10-15% euh biot up to 4 mm; fresh rock	11-Jul-07
49	514295	6763313		12-80-W			Grano: AA Qts veins w/lim selvage	11-Jul-07
50	514294	6763211			0-62-W		Grano: lt gy wx gy-pnk, 10% anhed hbl, plag-phenos to 5 mm	11-Jul-07
51	514326	6763167			12-78-W (main) 130-84-N (weak)		Grano: aa	11-Jul-07
52	514379	6763143			14-30/80-90/W		Grano: aa	11-Jul-07
52A	514400	6763200					And float; no o/c	11-Jul-07
53	514289	6763086			100-80-S 22-70-W		Grano: aa	11-Jul-07
54	514235	6763119			30-80=W 112-80-S		Grano: lt gy-brn wx rusty brn rare hbl; mostly lim blebs, lim altn along fractures	11-Jul-07
55	514189	6763145			73-72-S		Grano: lt gy - bf wx buff-tan, 10 grn hbl to 3 mm, pink plag some to 3 mm, lim stn along fractures but otherwise fresh	11-Jul-07
56	514060	6763254			17-78-E 110-90		Grano: lt gy-bf wx mgy, 10-15% dk grn subhed hbl to 4 mm; fresh rock	11-Jul-07
57	513957	6763325					Grano: AA	11-Jul-07
58	513853	6763369			105-82-S 5-68-W		Grano: lt gy - tan wx gy, 10% euh biot, some lim stn; fresh rock	11-Jul-07
59	513794	6764501			14-62-W		Grano: lt-gy brn wx mgy, 10% fxl hbl (<2mm) lim altn of hbl, lim along fractures	11-Jul-07
60	513599	6763635			94-74-S 17-79-E		Grano: wh-lt gy wx red-brn 10% euh hbl to 5 mm, non-aligned, minor lim altn of hbl	11-Jul-07
61	513494	6763766			130-90 20-70-W		Grano: AA	11-Jul-07
62	513642	6763833			40-90		Grano: Lt gy mottled, wx tan 10-155 biot-hbl, euhedral to 3 mm; lim stain along fractures	11-Jul-07
63	513873	6763976				HIG-MP-06	Grano: altered bf-brn, all hbl+biot to lim; disseminated moly rosettes to 1 cm, sl alteration of sulphides	11-Jul-07
64	514211	6763830			284-18-N 22-50-E 120-70-SW	HIG-MP-07	Grano: wh-brn mottled wx buff-brn. Mxl (1-2mm) all hbl & biot gone (lim only). Diss moly varying from 1 mm to 3 mm (1% at best). AND dyke 3 m thick about 15 m NW of showing along creek	21-Jul-07
100	514547	6763767			207-67-E		Grano: altered pink (k-spar); 5-10% Hbl + Bt, euhedral up to 2mm	14-Jul-07
101	515078	6763909					Grano: float, mottled grey with slight pink alteration, 10-15% Hbl-Bt subhedral	14-Jul-07

102	515179	6763978					Grano: float, white to light mottled grey, pink k-spar flooding, 5-10% Hbl, minor Bt	14-Jul-07
103	515116	6764121					Grano: float, light-grey to pink alteration, 5-10% Bt-Hbl, subhedral	14-Jul-07
104	514988	6764164			356-69-W		Grano: wh-lt grey, slight k-spar alteration, 15% Bt-Hbl euhedral	14-Jul-07
105	514883	6764195					Grano: float, white to light grey, k-spar alteration pink, 5-10% Bt euhedral, minor Hbl	14-Jul-07
106	514777	6764229					Grano: float; lt-med grey, yllw limonite alteration, ~15% Bt, minor Hbl	14-Jul-07
107	514693	6764262					Grano: float, lt mottled grey, bwn limonite, 15% Hbl-Bt, subhedral	14-Jul-07
108	514579	6764224					Grano: float, lt mottled grey, 15% Hbl-Bt, subhedral	14-Jul-07
109	514487	6764177					Grano: float, white-mottled grey, brown/pink alteration, 5% Bt subhedral, no Hbl	14-Jul-07
110	514413	6764071					Grano: float, mottled lt-med grey, 5-10% Bt-Hbl anhedral, slight bwn staining on surface, slight k-spar flooding.	14-Jul-07
111	514319	6763764				HIG-EM-10	Grano: float, highly limonized bwn/ylw, minor Hbl-Bt, pyrite/Cpy and minor Moly(?)	15-Jul-07
112	514383	6763742				HIG-EM-11	Grano: float, highly limonized bwn/ylw, minor Hbl-Bt, pyrite in Qtz veins	15-Jul-07
113	514416	6763710				HIG-EM-12	Grano: float, highly limonized bwn/ylw, minor Hbl-Bt, malachite in Qtz veins	15-Jul-07
114	514452	6763685				HIG-EM-13	Grano: float, highly limonized bwn/ylw, moly xtals in grano, heavy lim, no Hbl-Bt	15-Jul-07
115	513917	6763921				HIG-EM-15	Grano: float from rubble fan (L755E 30N)	21-Jul-07
116	513927	6763906				HIG-EM-16&	Grano: Outcrop at L90E ~25N. Lim- some hbl & biot, kspar	21-Jul-07
117	513953	6763907				HIG-EM-18	Grano: float, kspar+lim altn, small amount of hbl / biot. Moly masses to 2 mm.	21-Jul-07
118	513960	6763910				HIG-EM-19	Grano: small boulder float, int lim, kspar	21-Jul-07
119	513960	6763910				HIG-EM-20	Grano: coarse xl, mod altered (lim) chlor +epid, 2 mm moly xl and tr py.	21-Jul-07
120	513985	6763907				HIG-EM-21	Grano: cxl, mnr hbl & biot, a few moly xl to 2 mm, diss mal	21-Jul-07
121	514991	6763909					Grano: fxl, lim/kspar altn, moly xl to 2 mm - float	21-Jul-07
122	514040	6763887				HIG-EM-22	Grano: xl / lim alt moly xl to 2 mm	21-Jul-07

APPENDIX E. ROCK SAMPLE ANALYSIS SUMMARY

Sample	UTME	UTMN	Tag	Au_ppb	Ag	Al_%	As	Ba	Bi	Ca_%	Cd	Co	Cr	Cu	Fe_%	La
HIG-EM-01	514391	6764518	23451	2.5	0.1	0.21	25	680	3	0.09	1	1	113	17	0.64	10
HIG-EM-02	513876	6763979	23452	2.5	0.5	0.23	5	295	3	0.95	1	2	83	358	0.97	20
HIG-EM-03	514371	6763749	23453	5	0.2	0.29	3	165	3	0.16	1	2	96	128	0.87	10
HIG-EM-04	514505	6763715	23454	25	1.7	0.07	5	985	3	0.02	1	1	163	65	0.42	5
HIG-EM-10	514319	6763764	23489	10	0.1	0.21	25	65	3	0.68	1	12	93	7	1.93	20
HIG-EM-11	514383	6763742	23490	5	0.9	0.20	20	45	3	0.15	1	3	81	502	1.08	30
HIG-EM-12	514416	6763710	23491	5	1.4	0.19	25	285	3	0.55	1	2	157	665	0.84	10
HIG-EM-13	514452	6763685	23492	5	0.1	0.44	25	100	3	0.17	1	3	91	6	1.10	20
HIG-EM-15	513917	6763921	7R23463	2.5	0.2	0.18	20	465	3	0.13	1	1	96	88	0.79	20
HIG-EM-16	513927	6763906	7R23464	2.5	0.4	0.15	15	510	20	0.71	1	1	78	167	1.00	10
HIG-EM-17	513927	6763906	7R23465	5	0.2	0.16	25	400	3	1.19	1	2	88	89	1.04	10
HIG-EM-18	513953	6763907	7R23466	10	0.1	0.28	25	450	3	0.90	1	3	121	4	1.42	20
HIG-EM-19	513960	6763910	7R23467	10	0.1	0.16	15	620	3	1.16	1	1	95	31	0.88	20
HIG-EM-20	513960	6763910	7R23468	15	0.1	0.15	20	265	5	1.46	1	4	122	5	1.41	10
HIG-EM-21	513985	6763907	7R23469	15	0.10	0.16	30	265	3	0.99	1	2	123	3	0.90	20
HIG-EM-22	514040	6763887	7R23470	45	1.8	0.15	235	295	3	0.07	1	1	68	3	1.16	20
HIG-L0E-3N	513844	6763959	23497	25	0.3	0.28	20	575	3	1.37	1	1	204	72	1.17	30
HIG-L10E-0N	513848	6763949	23507	5	0.2	0.21	20	425	5	1.42	1	3	90	19	1.11	10
HIG-L10E-1N	513849	6763950	23502	15	0.1	0.23	15	745	3	1.41	1	1	73	5	1.10	20
HIG-L16E-2N	513854	6763946	23515	5	0.3	0.25	45	275	3	1.85	1	5	80	224	1.08	20
HIG-L17E-60N	513899	6763983	23514	5	0.1	0.94	25	345	10	1.19	1	7	82	8	2.04	20
HIG-L19E-30N	513877	6763962	23505	15	0.1	0.22	25	1000	3	1.55	1	1	97	10	1.25	5
HIG-L25E-58N	513903	6763975	23508	5	0.4	0.46	20	185	3	0.83	1	4	63	328	1.18	30
HIG-L26E-27N	513879	6763954	23510	5	0.3	0.22	15	340	3	0.55	1	2	98	255	0.90	30
HIG-L2E-57N	513887	6763992	23517	5	0.3	0.22	25	660	3	0.93	1	1	118	113	1.10	20
HIG-3E-40N	513875	6763980	7R23472	5	0.7	0.17	15	455	3	1.82	1	1	85	291	0.93	20
HIG-L40E-29N	513890	6763945	23520	10	0.6	0.22	25	635	3	0.65	1	1	102	407	0.97	20
HIG-L40E-40N	513898	6763952	23504	5	0.1	0.19	25	345	3	0.33	1	1	99	111	0.69	20
HIG-L41E-1N	513869	6763926	23498	5	0.1	0.20	50	925	3	0.37	1	1	85	368	0.69	20
HIG-L43E-29N	513892	6763943	23518	5	0.8	0.19	80	420	3	0.23	1	1	98	779	0.77	20
HIG-L45E-2N	513873	6763924	23506	5	0.1	0.20	25	450	3	0.15	1	1	99	38	0.67	20
HIG-L45E-30N	513894	6763942	23495	5	0.3	0.18	60	495	3	0.20	1	1	105	799	0.85	30
HIG-L50E-17N	513887	6763930	23516	5	0.3	0.20	35	300	3	0.09	1	2	94	516	0.77	20
HIG-L54E-42N	513909	6763943	23513	5	0.1	0.56	15	130	3	0.49	1	6	114	55	1.41	20
HIG-L57E-29N	513901	6763932	23521	5	0.7	0.18	125	345	3	0.16	1	2	100	1008	0.90	20
HIG-L58E-38N	513908	6763937	23511	5	0.3	0.64	25	130	3	0.43	1	5	94	327	1.41	20
HIG-L5E-24N	513864	6763969	23522	5	0.4	0.19	15	665	3	1.89	1	4	80	366	1.41	20
HIG-L5E-38N	513874	6763978	23519	5	0.7	0.22	20	675	3	1.15	1	1	104	357	1.05	20
HIG-L5E-50N	513884	6763985	23503	15	0.1	0.21	20	565	3	1.28	1	1	90	139	1.00	20
HIG-L5E-60N	513891	6763992	23501	5	0.1	0.20	15	440	3	1.54	1	1	98	89	1.12	20
HIG-L5E-61N	513892	6763992	23509	5	0.2	0.31	20	225	3	0.98	1	3	92	167	1.12	20
HIG-L62E-30N	513905	6763929	23494	5	0.8	0.19	20	380	3	0.69	1	3	69	1201	1.18	20
HIG-L69E-29N	513909	6763923	23512	5	5.1	0.40	20	260	3	1.11	1	6	85	2563	1.88	20
HIG-L6E-47N	513882	6763983	23500	5	0.4	0.22	45	405	3	1.00	1	3	100	215	1.14	30
HIG-L84E-20N	513911	6763906	23499	5	1.8	0.23	105	515	3	0.42	1	3	99	298	1.21	20
HIG-L85E-31N	513920	6763912	23493	5	0.1	0.19	20	210	3	0.71	1	2	73	7	0.81	20
HIG-L91E-24N	513919	6763903	23496	5	0.1	0.31	25	290	3	0.81	1	3	87	65	1.01	20
HIG-TR-02	513843	6763956	7R23474	5	0.2	0.30	5	220	3	0.11	1	2	104	30	0.75	20
HIG-TR-07	513847	6763952	7R23475	5	0.1	0.18	25	355	3	1.27	1	2	90	3	0.59	10
HIG-TR-10	513848	6763949	7R23476	10	0.1	0.15	5	360	3	1.14	1	1	68	22	0.86	10

HIG-TR-15	513852	6763946	7R23477	2.5	0.3	0.19	3	900	3	1.15	1	1	92	9	1.44	10
HIG-TR-19	513854	6763942	7R23478	2.5	0.2	0.16	10	360	3	1.39	1	2	85	228	1.24	20
HIG-TR-30	513861	6763934	7R23479	2.5	0.3	0.14	30	180	3	0.35	1	2	100	233	0.70	10
HIG-TR-40	513868	6763926	7R23480	2.5	0.2	0.13	15	305	3	0.63	1	1	78	168	0.60	10
HIGY-0E-14S	514212	6763829	7R23483	2.5	0.1	0.21	10	530	15	0.39	1	1	165	6	1.00	30
HIGY-15E-19S	514221	6763816	7R23488	2.5	0.1	0.16	15	250	115	0.08	1	1	98	4	0.85	10
HIGY-17E-1S	514233	6763829	7R23482	15	0.2	0.17	15	305	3	0.08	1	1	92	3	0.82	10
HIGY-21E-10S	514232	6763820	7R23471	2.5	0.1	0.17	10	215	3	0.06	1	2	94	4	1.01	20
HIGY-21E-10S	514232	6763818	7R23485	5	0.1	0.16	5	170	3	0.09	1	1	73	8	0.79	20
HIGY-22E-18S	514228	6763813	7R23481	5	0.2	0.16	20	150	3	0.12	1	3	86	5	1.13	10
HIGY-23E-9S	514234	6763819	7R23487	2.5	0.1	0.21	3	95	3	0.11	1	2	89	21	0.86	10
HIGY-25E-11S	514234	6763817	7R23484	2.5	0.1	0.17	10	410	3	0.52	1	1	92	5	0.82	20
HIGY-9E-15S	514219	6763823	7R23486	2.5	0.1	0.16	10	365	3	0.61	1	1	98	3	0.76	5
HIG-MP-01	514050	6763936	23457	55	7.7	0.17	70	230	95	0.06	1	1	143	70	0.18	5
HIG-MP-02	513894	6763974	23458	2.5	0.6	0.69	15	200	3	1.13	1	7	70	238	1.53	20
HIG-MP-03	514132	6763859	23459	2.5	0.2	0.17	15	590	3	0.23	1	1	91	49	0.34	20
HIG-MP-04	514276	6763793	23460	2.5	0.1	0.49	15	490	3	0.14	1	5	226	12	1.90	20
HIG-MP-05	514423	6763549	23461	5	0.2	0.31	5	130	3	0.17	1	2	171	57	0.88	10
HIG-MP-06	513873	6763976	23462	2.5	0.2	0.22	25	465	3	1.23	1	3	77	33	0.95	10
HIG-MP-07	514211	6763830	7R23473	5	0.1	0.16	10	425	3	1.39	1	1	85	4	0.67	5

Sample	UTME	UTMN	Tag	La	Mg_%	Mn	Mo	Na_%	Ni	P	Pb	Sb	Sn	Sr	Ti_%	U	V	W	Y	Zn	Mo_Assay
HIG-EM-01	514391	6764518	23451	10	0.01	59	2099	0.03	1	210	14	3	10	57	0.01	5	5	5	2	5	0.219
HIG-EM-02	513876	6763979	23452	20	0.11	259	489	0.04	4	390	10	3	10	43	0.01	5	11	5	4	20	0.050
HIG-EM-03	514371	6763749	23453	10	0.10	134	25	0.04	5	260	12	3	10	9	0.01	5	14	5	5	11	*
HIG-EM-04	514505	6763715	23454	5	0.01	58	29	0.01	5	30	258	3	10	238	0.01	5	1	5	1	39	*
HIG-EM-10	514319	6763764	23489	20	0.02	390	11	0.03	6	360	24	3	10	5	0.01	5	5	5	3	26	*
HIG-EM-11	514383	6763742	23490	30	0.02	196	13	0.06	3	490	134	3	10	1	0.01	5	6	5	4	17	*
HIG-EM-12	514416	6763710	23491	10	0.18	233	24	0.03	6	250	16	5	10	44	0.01	5	6	5	3	19	*
HIG-EM-13	514452	6763685	23492	20	0.26	247	60	0.04	4	360	12	3	10	7	0.02	5	19	5	5	27	*
HIG-EM-15	513917	6763921	7R23463	20	0.01	163	49	0.02	3	170	8	3	10	5	0.01	5	8	5	3	12	*
HIG-EM-16	513927	6763906	7R23464	10	0.06	231	239	0.04	2	290	8	3	10	20	0.01	5	6	5	4	13	*
HIG-EM-17	513927	6763906	7R23465	10	0.08	285	1559	0.04	1	340	8	3	10	10	0.01	5	7	5	3	15	0.164
HIG-EM-18	513953	6763907	7R23466	20	0.11	314	176	0.06	6	500	10	5	10	22	0.01	5	20	5	4	23	*
HIG-EM-19	513960	6763910	7R23467	20	0.02	244	176	0.03	2	390	14	3	10	30	0.01	5	4	5	4	14	*
HIG-EM-20	513960	6763910	7R23468	10	0.23	404	86	0.03	5	470	10	3	10	25	0.01	5	8	5	5	23	*
HIG-EM-21	513985	6763907	7R23469	20	0.01	222	803	0.04	1	250	14	3	10	16	0.01	5	4	5	3	10	0.090
HIG-EM-22	514040	6763887	7R23470	20	0.01	24	461	0.01	1	240	18	3	10	9	0.01	5	1	5	1	9	*
HIG-L0E-3N	513844	6763959	23497	30	0.14	269	198	0.05	6	340	12	3	10	29	0.01	5	10	5	2	13	*
HIG-L10E-0N	513848	6763949	23507	10	0.07	232	373	0.04	3	390	12	3	10	73	0.01	5	12	5	4	13	*
HIG-L10E-1N	513849	6763950	23502	20	0.09	282	116	0.03	3	440	10	3	10	116	0.01	5	8	5	5	12	*
HIG-L16E-2N	513854	6763946	23515	20	0.04	267	3550	0.05	1	430	16	3	10	28	0.01	5	10	5	6	16	0.360
HIG-L17E-60N	513899	6763983	23514	20	0.75	485	1091	0.06	4	720	24	3	10	27	0.04	5	35	5	8	47	0.112
HIG-L19E-30N	513877	6763962	23505	5	0.09	373	376	0.04	2	370	12	3	10	77	0.01	5	8	5	5	21	*
HIG-L25E-58N	513903	6763975	23508	30	0.30	243	562	0.04	4	440	20	5	10	18	0.01	5	20	5	7	19	0.060
HIG-L26E-27N	513879	6763954	23510	30	0.05	173	149	0.04	2	250	14	3	10	28	0.01	5	10	5	5	12	*
HIG-L2E-57N	513887	6763992	23517	20	0.11	306	0	0.04	1	510	12	3	10	71	0.01	5	12	5	5	28	0.084
HIG-3E-40N	513875	6763980	7R23472	20	0.08	253	998	0.03	1	330	14	3	10	77	0.01	5	6	5	3	12	0.118
HIG-L40E-29N	513890	6763945	23520	20	0.07	168	123	0.04	4	230	14	3	10	32	0.01	5	11	5	5	10	*
HIG-L40E-40N	513898	6763952	23504	20	0.02	159	69	0.04	3	180	12	3	10	18	0.01	5	5	5	4	9	*
HIG-L41E-1N	513869	6763926	23498	20	0.02	165	164	0.03	3	120	24	10	10	33	0.01	5	4	5	3	7	*
HIG-L43E-29N	513892	6763943	23518	20	0.01	132	1532	0.03	1	120	68	40	10	24	0.01	5	4	5	4	14	0.165
HIG-L45E-2N	513873	6763924	23506	20	0.01	141	384	0.03	2	130	10	3	10	24	0.01	5	4	5	3	5	*
HIG-L45E-30N	513894	6763942	23495	30	0.01	150	437	0.03	1	150	26	70	10	5	0.01	5	4	5	3	11	*
HIG-L50E-17N	513887	6763930	23516	20	0.01	157	961	0.04	2	160	28	5	10	10	0.01	5	5	5	7	8	0.098
HIG-L54E-42N	513909	6763943	23513	20	0.34	274	35	0.05	5	480	16	3	10	10	0.04	5	24	5	5	22	*
HIG-L57E-29N	513901	6763932	23521	20	0.01	183	462	0.03	3	140	40	45	10	9	0.01	5	5	5	5	17	*
HIG-L58E-38N	513908	6763937	23511	20	0.41	266	228	0.05	6	450	20	3	10	24	0.04	5	24	5	5	26	*
HIG-L5E-24N	513864	6763969	23522	20	0.26	334	610	0.04	4	400	18	3	10	89	0.01	5	11	5	4	23	0.062
HIG-L5E-38N	513874	6763978	23519	20	0.08	256	915	0.03	3	400	10	3	10	54	0.01	5	10	5	5	16	0.094
HIG-L5E-50N	513884	6763985	23503	20	0.15	227	347	0.04	2	380	14	3	10	86	0.01	5	13	5	4	16	*
HIG-L5E-60N	513891	6763992	23501	20	0.04	240	49	0.02	2	260	12	3	10	82	0.01	5	10	5	2	13	*
HIG-L5E-61N	513892	6763992	23509	20	0.18	244	106	0.04	4	410	12	3	10	36	0.01	5	15	5	6	20	*
HIG-L62E-30N	513905	6763929	23494	20	0.05	304	102	0.04	4	350	60	3	10	23	0.01	5	9	5	6	19	*
HIG-L69E-29N	513909	6763923	23512	20	0.17	378	126	0.04	8	540	28	3	10	46	0.01	5	30	5	9	35	*
HIG-L6E-47N	513882	6763983	23500	30	0.04	305	3026	0.05	1	410	18	3	10	35	0.01	5	8	5	5	21	0.315
HIG-L84E-20N	513911	6763906	23499	20	0.01	304	635	0.03	2	230	34	15	10	26	0.01	5	7	5	4	15	0.065
HIG-L85E-31N	513920	6763912	23493	20	0.03	166	120	0.03	4	260	10	3	10	14	0.01	5	9	5	5	10	*
HIG-L91E-24N	513919	6763903	23496	20	0.13	217	106	0.04	4	330	12	3	10	29	0.01	5	17	5	8	17	*
HIG-TR-02	513843	6763956	7R23474	20	0.01	206	132	0.01	4	250	14	3	10	8	0.01	5	8	5	3	11	*
HIG-TR-07	513847	6763952	7R23475	10	0.01	187	1916	0.02	1	200	12	3	10	27	0.01	5	3	5	3	7	0.207
HIG-TR-10	513848	6763949	7R23476	10	0.17	192	250	0.03	1	300	10	3	10	76	0.01	5	9	5	3	12	*
HIG-TR-15	513852	6763946	7R23477	10	0.05	294	24	0.04	6	270	16	10	10	50	0.01	5	25	5	3	14	*
HIG-TR-19	513854	6763942	7R23478	20	0.05	258	165	0.04	3	330	14	3	10	20	0.01	5	9	5	2	18	*
HIG-TR-30	513861	6763934	7R23479	10	0.01	122	961	0.03	1	90	18	15	10	9	0.01	5	5	5	2	8	0.100
HIG-TR-40	513868	6763926	7R23480	10	0.02	107	304	0.03	1	120	14	3	10	23	0.01	5	3	5	2	5	*
HIGY-0E-14S	514212	6763829	7R23483	30	0.02	193	113	0.03	4	380	14	3	10	17	0.01	5	5	5	4	6	*
HIGY-15E-19S	514221	6763816	7R23488	10	0.01	63	300	0.04	3	210	26	3	10	6	0.01	5	5	5	3	7	*
HIGY-17E-1S	514233	6763829	7R23482	10	0.01	121	140	0.02	2	330	32	3	10	9	0.01	5	2	5	1	8	*
HIGY-21E-10S	514232	6763820	7R23471	20	0.01	140	94	0.03	3	240	12	3	10	1	0.01	5	5	5	3	6	*
HIGY-21E-10S	514232	6763818	7R23485	20	0.01	151	31	0.04	3	260	10	3	10	1	0.01	5	7	5	3	8	*
HIGY-22E-18S	514228	6763813	7R23481	10	0.01	209	227	0.03	3	250	10	3	10	2	0.01	5	5	5	3	9	*
HIGY-23E-9S	514234	6763819	7R23487	10	0.04	154	22	0.04	3	290	10	3	10	3	0.01	5	7	5	2	8	*
HIGY-25E-11S	514234	6763817	7R23484	20	0.01	195	103	0.03	2	330	8	3	10	26	0.01	5	5	5	6	8	*
HIGY-9E-15S	514219	6763823	7R23486	5	0.01	225	262	0.03	2	260	12	3	10	22	0.01	5	4	5	4	9	*
HIG-MP-01	514050	6763936	23457	5	0.01	9	4320	0.01	1	180	1544	3	10	20	0.02	5	3	5	3	2	0.441
HIG-MP-02	513894	6763974	23458	20	0.43	378	405	0.04	7	640	24	10	10	42	0.02	5	21	5	7	32	*
HIG-MP-03	514132	6763859	23459	20	0.01	85	31	0.02	2	130	12	15	10	26	0.01	5	1	5	2	4	*
HIG-MP-04	514276	6763793	23460	20	0.19	190	135	0.05	7	290	24	3	10	25	0.01	5	7	5	3	15	*
HIG-MP-05	514423	6763549	23461	10	0.01	185	288	0.06	4	250	12	3	10	9	0.01	5	7	5	3	46	*
HIG-MP-06	513873	6763976	23462	10	0.06	244	1914	0.03	1	370	14	3	10	44	0.01	5	8	5	5	19	0.200

HIG-MP-07	514211	6763830	7R23473	5	0.02	201	104	0.02	2	240	10	3	10	30	0.01	5	2	5	3	5	*

APPENDIX F. GEOCHEMICAL ANALYSIS SUMMARY

Line	Station	Sample X	Y	Statistics Ag_ppm	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	P_ppm	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Year
L1	0	A1-1	513353 6763845	0.1	1.53	20	2.5		80	3	0.14	1	1	8	30	15	2.94			5	0.53	195	4	0.03	18		550	12		3			10	17	0.09				5	70	5	3	33	2007
L1	50	A1-2	513397 6763820	0.1	0.63	5	2.5		50	3	0.1	1	1	5	12	6	1.22			5	0.28	117	15	0.02	7		160	6		3			10	12	0.1				5	43	5	1	18	2007
L1	100	A1-3	513442 6763795	0.1	1.25	15	2.5		85	3	0.12	1	6	21	10	20	2.36			5	0.4	200	24	0.02	11		210	12		3			10	13	0.09				5	54	5	2	28	2007
L1	150	A1-4	513486 6763769	0.1	3.18	30	2.5		215	3	0.33	1	29	21	80	27	2.74			30	0.22	3080	78	0.03	21		1480	18		3			10	29	0.02				5	43	5	13	27	2007
L1	200	A1-5	513530 6763744	0.1	1.57	20	2.5		270	3	0.32	1	11	28	17	2.69				10	0.53	549	31	0.02	17		440	16		3			10	30	0.07				5	59	5	4	41	2007
L1	250	A1-6	513575 6763719	0.1	0.18	2.5	2.5		55	3	0.06	1	2	3	6	0.74				5	0.06	51	4	0.02	2		190	2		3			10	8	0.03				5	20	5	1	13	2007
L1	300	A1-7	513619 6763694	0.1	0.86	10	2.5		95	3	0.12	1	5	18	9	2.03				5	0.24	143	14	0.02	9		210	10		3			10	14	0.1				5	56	5	1	30	2007
L1	350	A1-8	513663 6763669	0.1	2.24	25	2.5		75	3	0.11	1	7	27	15	2.4				10	0.53	181	2	0.02	16		450	14		3			10	11	0.07				5	47	5	3	29	2007
L1	400	A1-9	513708 6763643	0.1	0.96	10	2.5		55	3	0.1	1	6	18	11	2.25				5	0.33	124	12	0.02	9		210	8		3			10	10	0.12				5	67	5	2	26	2007
L1	450	A2-1	513752 6763618	0.3	1.12	10	30		630	3	1.17	1	4	14	126	1.18				40	0.26	390	18	0.04	26		1650	6		3			10	125	0.02				5	25	5	41	13	2007
L1	500	A2-2	513795 6763594	0.1	0.92	15	45		60	3	0.1	1	7	24	9	2.96				5	0.29	251	7	0.02	10		440	10		3			10	11	0.11				5	75	5	1	36	2007
L1	550	A2-3	513839 6763570																																								2007
L1	600	A2-4	513882 6763546	0.1	0.61	5	2.5		95	3	0.07	1	6	7	5	1.73				10	0.36	193	12	0.02	7		400	8		3			10	8	0.12				5	57	5	3	24	2007
L1	650	A2-5	513925 6763522	0.5	2.31	25	2.5		480	3	0.55	1	8	23	41	1.94				60	0.53	855	12	0.03	34		1250	12		3			10	61	0.03				5	41	5	39	43	2007
L1	700	A2-6	513969 6763497	0.1	1.4	20	2.5		60	3	0.12	1	8	29	11	3.23				5	0.42	257	6	0.02	16		600	16		3			10	12	0.12				5	68	5	2	43	2007
L1	750	A2-7	514012 6763473	0.1	0.63	5	2.5		85	3	0.07	1	3	7	8	0.99				10	0.13	223	12	0.02	6		330	8		3			10	14	0.05				5	25	5	3	12	2007
L1	800	A2-8	514055 6763449	0.1	0.21	2.5	2.5		95	3	0.23	1	1	2	5	0.43				5	0.04	38	1	0.03	3		270	1		3			10	28	0.01				5	11	5	2	6	2007
L1	850	A2-9	514099 6763425	0.1	0.85	10	2.5		120	3	0.21	1	8	29	11	1.95				5	0.46	199	7	0.02	16		340	10		3			10	18	0.09				5	54	5	2	25	2007
L1	900	A3-1	514142 6763401	0.5	1.29	15	2.5		500	3	0.74	1	6	15	31	1.29				30	0.18	1638	69	0.03	17		1310	10		3			10	71	0.02				5	40	5	24	11	2007
L1	950	A3-2	514187 6763373	0.4	0.34	2.5	2.5		35	3	0.05	1	2	2	4	0.42				5	0.08	27	1	0.03	2		190	1		3			10	12	0.03				5	10	5	1	4	2007
L1	1000	A3-3	514232 6763345	0.1	1.09	15	2.5		60	3	0.1	1	6	21	9	2.32				5	0.36	152	23	0.02	12		230	12		3			10	11	0.09				5	57	5	1	24	2007
L1	1050	A3-4	514277 6763317	0.1	0.5	5	2.5		45	3	0.08	1	4	13	7	1.19				5	0.13	91	25	0.02	5		270	8		3			10	9	0.09				5	38	5	1	16	2007
L1	1100	A3-5	514322 6763290	0.1	0.26	2.5	2.5		90	3	0.16	1	2	3	3	0.56				5	0.1	99	17	0.03	2		390	1		3			10	20	0.04				5	16	5	2	8	2007
L1	1150	A3-6	514366 6763262	0.1	0.35	2.5	2.5		45	3	0.07	1	2	7	4	0.81				5	0.06	40	6	0.02	3		150	6		3			10	10	0.07				5	33	5	1	8	2007
L1	1200	A3-7	514411 6763234																																								2007
L1	1250	A3-8	514456 6763207																																								2007
L1	1300	A3-9	514501 6763179	0.1	1.41	15	2.5		70	3	0.24	1	7	26	11	1.88				10	0.47	185	1	0.03	16		470	10		3			10	12	0.07				5	44	5	4	20	2007
L1	1350	A4-1	514546 6763151	0.1	1.09	10	2.5		50	3	0.13	1	5	21	10	2.17				5	0.29	112	2	0.02	9		460	8		3			10	10	0.09				5	61	5	2	12	2007
L1	1400	A4-2	514591 6763128	0.1	0.33	5	2.5		25	3	0.05	1	3	6	5	0.99				5	0.09	62	1	0.02	3		160	4		3			10	6	0.06				5	35	5	1	10	2007
L1	1450	A4-3	514637 6763105	0.1	0.94	10	2.5		85	3	0.09	1	4	15	8	1.49				5	0.27	114	9	0.02	9		170	10		3			10	10	0.07				5	51	5	2	15	2007
L1	1500	A4-4	514682 6763082	0.1	0.87	10	2.5		75	3	0.08	1	3	9	12	1.43				5	0.26	90	2	0.02	6		310	6		3			10	12	0.04				5	28	5	2	14	2007
L1	1550	A4-5	514727 6763058	0.1	1.29	15	2.5		160	3	0.15	1	7	19	11	2.01				10	0.3	322	9	0.02	11		220	12		3			10	20	0.06				5	54	5	3	23	2007
L1	1600	A4-6	514773 6763035	0.1	1	10	2.5		150	3	0.13	1	5	19	6	2.05				5	0.29	149	12	0.02	8		150	10		3			10	16	0.1				5	63	5	2	18	2007
L1	1650	A4-7	514818 6763012																																								2007
L1	1700	A4-8	514863 6762989	0.1	1.07	15	5		45	3	0.06	1	4	16	9	2.56				5	0.19	101	2	0.02	5		370	12		3			10	9	0.1				5	64	5	1	22	2007
L1	1750	A4-9	514909 6762966	0.1	0.78	10	10		100	3	0.06	1	3	11	8	1.82				5	0.12	90	7	0.02	6		220	12		3			10	8	0.04				5	44	5	2	21	2007
L1	1800	A5-1	514954 6762943	0.2	0.71	10	2.5		120	3	0.05	1	2	7	13	0.83				5	0.1	55	3	0.02	5		310	12		3			10	10	0.03				5	22	5	3	9	2007
L2	0	A6- 0M	513807 6764648																																								2007
L2	50	A6-1 50M	513851 6764621	0.1	1.39	15	2.5		75	3	0.11	1	8	24	10	3.06				5	0.48	213	14	0.02	11		240	14		3			10	14	0.13				5	69	5	2	36	2007
L2	100	A6-2 100M	513896 6764594	0.1	0.6	5	5		115	3	0.11	1	3	10	3	1.01				5	0.14	71	32	0.01	4		90	10		3			10	14	0.08				5	39	5	1	12	2007
L2	150	A6-3 150M	513940 6764568	0.1	0.28	2.5	2.5		65	3	0.17	1	2	1	8	0.51				5	0.1	41	1	0.04	2		180	1		3			10	25	0.04				5	13	5	3	7	2007
L2	200	A6-4 200M	513984 6764541	0.1	1.11	10	2.5		85	3	0.08	1	4	15	8	2.19				5	0.39	154	9	0.02	9		290	12		3			10	10	0.04				5	54	5	2	33	2007
L2	250	A6-5 250M	514029 6764514	0.1	0.71	30	2.5		120	3	0.09	1	3	4	18	2.18				10	0.11	119	62	0.01	5		200	16		3			10	13	0.01				5	32	5	2	39	2007
L2	300	A6-6 300M	514073 6764487	0.1	0.79	10	2.5		50	3	0.09	1	5	16	4	2.09				5	0.22	119	7	0.01	6		280	10		3			10	11	0.12				5	61	5	1	17	2007
L2	350	A6-7 350M	514117 6764461	0.1	1.36	15	2.5		250	3	0.2	1	9	10	43	2.5				10	0.49	224	19	0.02	10		250	14		3			10	28	0.11				5	42	5	6	30	2007
L2	400	A6-8 400M	514162 6764434	0.1	0.78	35	2.5		285	3	0.32	1	4	14	6	1.73				5	0.3	175	43	0.01	6		150	10		3			10	32	0.09				5	55	5	1	21	2007
L2	450	A7-0M	514206 6764407	0.1	0.37	5	2.5		40	3	0.04	1	2	3	11	1.04				5	0.06	47	20	0.01	3		100	4		3			10	7	0.03				5	25	5	1	12	2007
L2	500	A7-1 50M	514249 6764382																																								2007
L2	550	A7-2 100M	514293 6764356	0.1	0.86	10	2.5		195	3	0.14	1	13	10	30	1.38				10	0.22	1497	85	0.02	9		450	12		3			10	19	0.05				5	28	5	3	24	2007
L2	600	A7-3 150M	514336 6764330	0.1	0.93	10	2.5		190	3	0.14	1	5	18	11	1.62				5	0.32	248	55	0.01	9		170	12		3			10	16	0.06				5	38	5	2	32	2007
L2	650	A7-4 200M	514378 6764305	0.1	0.58	5	2.5		80	3	0.1	1	3	11	7	1.15				5	0.15	79	9	0.02	6		340	6		3			10	13	0.06				5	28	5	2	14	2007
L2	700	A7-5 250M	514423 6764279	0.1	1.1	15	2.5		110	3	0.08	1	5	18	9	2.28				5	0.24	209	6	0.02	8		270	14		3			10	12	0.07				5	52	5	2	30	2007
L2	750	A7-6 300M	514466 6764253	0.1	0.98	10	2.5		100	3	0.08	1	6	18	7	2.36				5	0.31	151	3	0.02	9		290	12		3			10	9	0.06				5	50	5	1	31	2007
L2	800	A7-7 350M	514509 6764227	0.2	0.92	10	2.5		90	3	0.07	1	5	17	10	2.42				5	0.26	126	5	0.01	9		270	12		3			10	11	0.07				5	67	5	2	29	2007
L2	850	A7-8 400M	514553 6764202	0.1	0.65	10	2.5		40	3	0.07	1	3	12	4	1.62				5	0.09	79	2	0.01	4		290	10		3			10	8	0.1				5	52	5	1	24	2007
L2	900	A8-0 0M	514596 6764176	0.1	0.79	10	2.5		70	3	0.13	1	5	17	8	1.9				5	0.31	134	1	0.02	10		570	8		3			10	12	0.06				5	42	5	1	25	2007
L2	950	A8-1 100M	514641 6764151	0.2	0.96	10	2.5		105	3	0.08	1	5	15	9	2.22				5	0.24	150	20	0.01	7		210	14		3			10	14	0.1				5	63	5	1	19	2007
L2	1000	A8-2 150M	514687 6764126	0.2	1.29	15	2.5		165	3	0.2	1	7	24	15	1.93				10	0.45	249	9	0.02	14		280	12		3			10	17	0.06				5	41	5	3	31	2007
L2	1050	A8-3 200M	514732 6764100	0.1	1.25	15	2.5		145	3	0.19	1	6	22	13	1.9				10	0.45	230	9	0.02	14		280	12		3			10	16	0.06				5	40	5	3	30	2007
L2	1100	A8-4 250M	514777 6764075	0.1	1.35	15	2.5		200	3	0.1	1	7	19	7	2.53				5	0.36	254	6	0.02	10		300	14		3			10	15	0.07				5	56	5	2	38	2007
L2	1150	A8-5 300M	514823 6764050	0.1	1.21	15	2.5		95	3	0.12	1	7	24	8	2.16				10	0.44	166	1	0.02	14		440	12		3			10	15	0.08				5	48	5	2	35	2007
L2	1200	A8-6 350M	514868 6764025	0.2	1.43	15	2.5		70	3	0.08	1	5	18	9	2.4				5	0.25	160	3	0.02	7		360	12		3			10	9	0.07				5	56	5	2	23	2007
L2	1250	A8-7 400M	514913 6764000	0.1	0.76	10	2.5		225	3	0.1	1	6	16	7	1.84				5	0.31	185	1	0.01	9		270	10		3			10	11	0.06				5	39	5	2	34	2007
L2	1300	A8-8 450M	514959 6763974	0.1	1.21	15	2.5		75	3	0.08	1	5	20	7	3.05				5	0.26	169	3	0.02	7		1060	12		3			10	9	0.1				5	81	5	1	29	2007
L2	1350	A9-0 0M	515004 6763949	0.1	0.89	10	2.5		125	3	0.1	1	5	16	6	1.85				5	0.28	166	4	0.02	7		490	10		3			10	13	0.08				5	47	5	1	32	2007
L2	1400	A9-1 50M	515048 6763924																																								2007
L2	1450	A9-2 100M	515092 6763899																																								2007
L2	1500	A9-3 150M	515135 6763874	0.1	1.77	20	2.5		90	3	0.12	1	7	26	11	2.31				5	0.38	224	1	0.02	14		470	12		3			10	11	0.07				5	51	5	3	28	2007
L2	1550	A9-4 200M	515179 6763849	0.1	0.66	10	2.5		85	3	0.16	1	4	9	10	1.21				5	0.27	107	1	0.03	7		420	4		3			10	14	0.04				5	31	5	2	17	2007
L2	1600	A9-5 200M	515223 6763823																																								2007
L2	1650	A9-6 250M	515267 6763798	0.1	1.09	10	2.5		75	3	0.19	1	6	21	9	1.77				5	0.38	119	1	0.02	16		390	8		3			10	19	0.05				5	42	5	2	18	2007
L2	1700	A9-7 300M	515312 6763773	0.1	1.21	15	2.5		55	3	0.12	1	8	22	13	1.91				10	0.33	537	1	0.02	12		390	10		3			10	14	0.06				5	44	5	2	19	2007
L2	1750	A9-8 350M	515354 6763748	0.1	1.08	10	2.5		55	3	0.12	1	6	21	8	1.57				10	0.36	138	9	0.01	13		500	8		3			10	8	0.06				5	37	5	2	19	2007
L2	1800	A10 0M	515398 6763723	0.1	0.97	10	2.5		85	3	0.15	1	5	19	8	1.62				10	0.32	153	5	0.01	12		400	8		3			10	12	0.05				5	37	5	3	18	2007
L10500	4100	L10500E 4100N	514195.8 6762881	-0.1	0.81	3.6	1.4	1	37	0.2	0.11	-0.1	4.2	26	11.4	2.69	6	0.01	0.03	6	0.21	169	6	0.013	9.9	0.018		5.8	-0.05	0.3	1.3	-0.5	8	8	3.5		0.125	-0.1	0.5	76	0.6		21	2006
L10500	4150	L10500E 4150N	514224.5 6762919	-0.1	1.36	6.6	4.7	-1	74	0.2	0.26	0.2	7.2	38	10.7	3.37	6	0.01	0.07	7	0.52	255	11	0.011	20.2	0.017		6.7	-0.05	0.4	2.2	-0.5	25	2.5			0.122	0.1	0.5	70	0.3		52	2006
L10500	4200	L10500E 4200N	514253.2 6762958	-0.1	1.11	2.6	-0.5	1	109	0.2	0.24	0.2	6.8	27	20.4	1.73	4	-0.01	0.05	9	0.52	245	7.1	0.014	24.3	0.031		5.7	-0.05	0.2	2.2	-0.5	22	1.5			0.056	0.1	3.6	44	0.5		42	2006
L10500	4250	L10500E 4250N	514281.9 6762997	-0.1	1.85	2.1	2.2	2	112	0.2	0.48	0.1	14.7	22	19.3	2.81	6	-0.01	0.04	5	1.42	402	3.1	0.014	20.2	0.017		4.1	-0.05	0.3	3	-0.5	37	1.7			0.162	0.1	0.7	75	0.7		54	2006
L10500	4300	L10500E 4300N	514310.6 6763035	-0.1	1.52	4	1.4	1	73	0.2	0.13	0.2	6.3	31	13.9	2.15	5	0.03	0.04	9	0.35	230	1.7	0.011	17	0.04		6.8	-0.05	0.4	2.1	-0.5	10	2.9			0.08	0.1	0.7	53	0.5		35	2006
L10500	4350	L10500E 4350N	514339.3 6763074	-0.1	0.55	1.4	0.5	-1	53	0.2	0.07	0.1	1.6	10	6.1	0.75	4	0.01	0.02	6	0.11	64	5.1	0.008	3.5	0.019		6.3	-0.05	0.3	0.9	0.6	7	0.8			0.025	-0.1	0.8	29	0.4		13	2006
L10500	4400	L10500E 4400N	514368 6763113	-0.1	0.34	0.6	-0.5	-1	63	0.2	0.1	-0.1	1.9	9	4.6	0.93	7	0.01	0.02	7	0.14	116	11.5	0.011	3.2	0.018		6	-0.05	0.1	0.8	-0.5	8	2.7			0.112	0.1	1.2	35	0.2		15	2006
L10500	4450	L10500E 4450N	514396.7 6763151	-0.1	1.65	2.4	1.7	-1	322	0.3	0.21	0.1	10.6	17	24.4	2.02	6	0.04	0.03	21	0.24	761	40.8	0.014	8.6	0.063		12.6	-0.05	0.2	1.6	0.7	25	1.9			0.029	0.1	26.9	48	3.2		24	2006
L10500	4500	L10500E 4500N	514425.4 6763190	-0.1	0.78	3.8	-0.5	-1	26	0.1	0.06	-0.1	2.7	18	7.4	2.08	7	0.01	0.03	4	0.19	152	1.5	0.011	6.7	0.053		5.2	-0.05	0.3	1.1	-0.5	6	1			0.082	0.1	0.4	57	0.3		24	2006
L10500	4550	L10500E 4550N	514454.1 6763229	-0.1	1.43	5.2	-0.5	1	39	0.3	0.15	0.1	5.1	29	10.5	2.92	7	0.03	0.03	10	0.34	175	2.8	0.013	10.9	0.052		8.3	-0.05	0.4	2.3	0.5	7	4.7			0.109	0.1	0.7	72	1.3		23	2006
L10500	4600	L10500E 4600N	514482.8 6763268	-0.1	0.93	4	0.8	1	36	0.2	0.07	0.1	3	19	7.3	2.05	7	-0.01	0.03	6	0.25	152	3.8	0.006	7.3	0.02		7.9	-0.05	0.4	1.4	-0.5	7	2.1			0.102	0.1	0.4	61	0.3		24	2006
L10500	4650	L10500E 4650N	514511.5 6763306	-0.1	1.07	2.7	0.5	1	64	0.5	0.15	-0.1	4.2	23	8.4	1.48	5	0.02	0.03	8	0.38	158	4.5	0.01	10.5	0.022		6.1	-0.05	0.2	1.9	-0.5	9	2.9			0.067	0.1	1.4	43	0.9		27	2006
L10500	4700	L10500E 4700N	514540.2 6763345	-0.1	1.02	3.6	-0.5	-1	46	0.9	0.09	0.1	2.5	17	6.4	2.03	9	0.01	0.03	7	0.17	120	7.3	0.008	6	0.042		10	-0.05	0.3	1.5	-0.5	7	2.9			0.107	0.1	0.5	70	0.9		21	2006
L10500	4750	L10500E 4750N	514568.9 6763384	-0.1	0.61	4.3	-0.5	1	72	0.1	0.03	0.1	2.3	4	5	1.14	4	0.01	0.04	24	0.04	79	5	0.01	3.4	0.034		3.6	-0.05	0.4	0.5	-0.5	6	0.4			0.005	0.1	1.7	34	0.5		31	2006
L10500	4800	L10500E 4800N	514597.6 6763422	0.1	1.87	4.2	2	2	103	0.2	0.11	0.2	7.1	32	13.8	2.01	4	0.02	0.04	9	0.4	179	1.8	0.012	20	0.019		6.6	-0.05	0.3	2.8	-0.5	9	4.7			0.08	0.1	1.1	48	0.4		28	2006
L10500	4850	L10500E 4850N	514633.3 6763461	-0.1	1.57	4.5

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APPENDIX G. ASSAY CERTIFICATES

Eco Tech Laboratory Ltd.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2007-7258

Aurora Geosciences
34a Laberge Rd
Whitehorse, YT
Y1A 5Y9

27-Aug-07

No. of samples received: 34
Sample Type: Rock
Project: Hig
Submitted by: Mike Power

ET #.	Tag #	Mo (%)
11	23499	0.065
12	23500	0.315
20	23508	0.060
26	23514	0.112
27	23515	0.360
28	23516	0.098
29	23517	0.084
30	23518	0.165
31	23519	0.094
34	23522	0.062

QC DATA:

Standard:

MP2	0.279
MP2	0.283

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jl
XLS/07

23-Aug-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

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

ICP CERTIFICATE OF ANALYSIS AK 2007- 7258

Aurora Geosciences
34a Laberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 34
Sample Type: Rock
Project: Hig
Submitted by: Mike Power

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	23489	10	<0.2	0.21	25	65	<5	0.68	<1	12	93	7	1.93	20	0.02	390	11	0.03	6	360	24	<5	<20	5	<0.01	<10	5	<10	3	26
2	23490	5	0.9	0.20	20	45	<5	0.15	<1	3	81	502	1.08	30	0.02	196	13	0.06	3	490	134	<5	<20	<1	<0.01	<10	6	<10	4	17
3	23491	5	1.4	0.19	25	285	<5	0.55	<1	2	157	665	0.84	10	0.18	233	24	0.03	6	250	16	5	<20	44	<0.01	<10	6	<10	3	19
4	23492	5	<0.2	0.44	25	100	<5	0.17	<1	3	91	6	1.10	20	0.26	247	60	0.04	4	360	12	<5	<20	7	0.02	<10	19	<10	5	27
5	23493	5	<0.2	0.19	20	210	<5	0.71	<1	2	73	7	0.81	20	0.03	166	120	0.03	4	260	10	<5	<20	14	<0.01	<10	9	<10	5	10
6	23494	5	0.8	0.19	20	380	<5	0.69	<1	3	69	1201	1.18	20	0.05	304	102	0.04	4	350	60	<5	<20	23	<0.01	<10	9	<10	6	19
7	23495	5	0.3	0.18	60	495	<5	0.20	<1	<1	105	799	0.85	30	<0.01	150	437	0.03	1	150	26	70	<20	5	<0.01	<10	4	<10	3	11
8	23496	5	<0.2	0.31	25	290	<5	0.81	<1	3	87	65	1.01	20	0.13	217	106	0.04	4	330	12	<5	<20	29	<0.01	<10	17	<10	8	17
9	23497	25	0.3	0.28	20	575	<5	1.37	<1	1	204	72	1.17	30	0.14	269	198	0.05	6	340	12	<5	<20	29	<0.01	<10	10	<10	2	13
10	23498	5	<0.2	0.20	50	925	<5	0.37	<1	<1	85	368	0.69	20	0.02	165	164	0.03	3	120	24	10	<20	33	<0.01	<10	4	<10	3	7
11	23499	5	1.8	0.23	105	515	<5	0.42	<1	3	99	298	1.21	20	0.01	304	635	0.03	2	230	34	15	<20	26	<0.01	<10	7	<10	4	15
12	23500	5	0.4	0.22	45	405	<5	1.00	<1	3	100	215	1.14	30	0.04	305	3026	0.05	<1	410	18	<5	<20	35	0.01	<10	8	<10	5	21
13	23501	5	<0.2	0.20	15	440	<5	1.54	<1	1	98	89	1.12	20	0.04	240	49	0.02	2	260	12	<5	<20	82	<0.01	<10	10	<10	2	13
14	23502	15	<0.2	0.23	15	745	<5	1.41	<1	<1	73	5	1.10	20	0.09	282	116	0.03	3	440	10	<5	<20	116	<0.01	<10	8	<10	5	12
15	23503	15	<0.2	0.21	20	565	<5	1.28	<1	<1	90	139	1.00	20	0.15	227	347	0.04	2	380	14	<5	<20	86	<0.01	<10	13	<10	4	16
16	23504	5	<0.2	0.19	25	345	<5	0.33	<1	<1	99	111	0.69	20	0.02	159	69	0.04	3	180	12	<5	<20	18	<0.01	<10	5	<10	4	9
17	23505	15	<0.2	0.22	25	1000	<5	1.55	<1	<1	97	10	1.25	<10	0.09	373	376	0.04	2	370	12	<5	<20	77	<0.01	<10	8	<10	5	21
18	23506	5	<0.2	0.20	25	450	<5	0.15	<1	<1	99	38	0.67	20	0.01	141	384	0.03	2	130	10	<5	<20	24	<0.01	<10	4	<10	3	5
19	23507	5	0.2	0.21	20	425	5	1.42	<1	3	90	19	1.11	10	0.07	232	373	0.04	3	390	12	<5	<20	73	<0.01	<10	12	<10	4	13
20	23508	5	0.4	0.46	20	185	<5	0.83	<1	4	63	328	1.18	30	0.30	243	562	0.04	4	440	20	5	<20	18	<0.01	<10	20	<10	7	19
21	23509	5	0.2	0.31	20	225	<5	0.98	<1	3	92	167	1.12	20	0.18	244	106	0.04	4	410	12	<5	<20	36	<0.01	<10	15	<10	6	20
22	23510	5	0.3	0.22	15	340	<5	0.55	<1	2	98	255	0.90	30	0.05	173	149	0.04	2	250	14	<5	<20	28	<0.01	<10	10	<10	5	12
23	23511	5	0.3	0.64	25	130	<5	0.43	<1	5	94	327	1.41	20	0.41	266	228	0.05	6	450	20	<5	<20	24	0.04	<10	24	<10	5	26
24	23512	5	5.1	0.40	20	260	<5	1.11	1	6	85	2563	1.88	20	0.17	378	126	0.04	8	540	28	<5	<20	46	<0.01	<10	30	<10	9	35
25	23513	5	<0.2	0.56	15	130	<5	0.49	<1	6	114	55	1.41	20	0.34	274	35	0.05	5	480	16	<5	<20	10	0.04	<10	24	<10	5	22

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	23514	5	<0.2	0.94	25	345	10	1.19	<1	7	82	8	2.04	20	0.75	485	1091	0.06	4	720	24	<5	<20	27	0.04	<10	35	<10	8	47
27	23515	5	0.3	0.25	45	275	<5	1.85	<1	5	80	224	1.08	20	0.04	267	3550	0.05	<1	430	16	<5	<20	28	0.01	<10	10	<10	6	16
28	23516	5	0.3	0.20	35	300	<5	0.09	<1	2	94	516	0.77	20	0.01	157	961	0.04	2	160	28	5	<20	10	<0.01	<10	5	<10	7	8
29	23517	5	0.3	0.22	25	660	<5	0.93	<1	1	118	113	1.10	20	0.11	306	818	0.04	1	510	12	<5	<20	71	0.01	<10	12	<10	5	28
30	23518	5	0.8	0.19	80	420	<5	0.23	<1	1	98	779	0.77	20	0.01	132	1532	0.03	<1	120	68	40	<20	24	<0.01	<10	4	<10	4	14
31	23519	5	0.7	0.22	20	675	<5	1.15	<1	1	104	357	1.05	20	0.08	256	915	0.03	3	400	10	<5	<20	54	<0.01	<10	10	<10	5	16
32	23520	10	0.6	0.22	25	635	<5	0.65	<1	<1	102	407	0.97	20	0.07	168	123	0.04	4	230	14	<5	<20	32	<0.01	<10	11	<10	5	10
33	23521	5	0.7	0.18	125	345	<5	0.16	<1	2	100	1008	0.90	20	0.01	183	462	0.03	3	140	40	45	<20	9	<0.01	<10	5	<10	5	17
34	23522	5	0.4	0.19	15	665	<5	1.89	<1	4	80	366	1.41	20	0.26	334	610	0.04	4	400	18	<5	<20	89	<0.01	<10	11	<10	4	23
QC DATA:																														
Repeat:																														
1	23489	40	<0.2	0.22	25	65	<5	0.69	<1	13	94	8	1.95	20	0.03	394	11	0.03	5	370	24	5	<20	5	<0.01	<10	6	<10	4	26
10	23498	5	<0.2	0.21	50	980	<5	0.37	<1	<1	87	371	0.69	20	0.02	166	177	0.03	2	130	24	<5	<20	34	<0.01	<10	4	<10	3	7
19	23507	5	0.2	0.22	20	425	<5	1.42	<1	3	95	19	1.12	10	0.07	231	379	0.04	3	370	10	<5	<20	72	<0.01	<10	11	<10	3	14
Standard:																														
Pb113			11.2	0.29	70	50	<5	1.75	38	2	5	2241	1.09	<10	0.13	1479	85	0.02	1	90	5510	25	<20	73	0.01	<10	10	10	<1	6931
SE29		600																												

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23-Aug-07

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ICP CERTIFICATE OF ANALYSIS AK 2007-0997

Aurora Geosciences
34a Laberge Rd
Whitehorse, YT
Y1A 5Y9

No. of samples received: 74
Sample Type: Soils
Project: HIG
Submitted by: Mike Wark

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	A1-1	<5	<0.2	1.53	20	80	<5	0.14	<1	8	30	15	2.94	<10	0.53	195	4	0.03	18	550	12	<5	<20	17	0.09	<10	70	<10	3	33
2	A1-2	<5	<0.2	0.63	5	50	<5	0.10	<1	5	12	6	1.22	<10	0.28	117	15	0.02	7	160	6	<5	<20	12	0.10	<10	43	<10	1	18
3	A1-3	<5	<0.2	1.25	15	85	<5	0.12	<1	6	21	10	2.36	<10	0.40	200	24	0.02	11	210	12	<5	<20	13	0.09	<10	54	<10	2	28
4	A1-4	<5	<0.2	3.18	30	215	<5	0.33	<1	29	21	80	2.74	30	0.22	3080	78	0.03	21	1480	18	<5	<20	29	0.02	<10	43	<10	13	27
5	A1-5	<5	<0.2	1.57	20	270	<5	0.32	<1	11	28	17	2.69	10	0.53	549	31	0.02	17	440	16	<5	<20	30	0.07	<10	59	<10	4	41
6	A1-6	<5	<0.2	0.18	<5	55	<5	0.06	<1	2	3	6	0.74	<10	0.06	51	4	0.02	2	190	2	<5	<20	8	0.03	<10	20	<10	<1	13
7	A1-7	<5	<0.2	0.86	10	95	<5	0.12	<1	5	18	9	2.03	<10	0.24	143	14	0.02	9	210	10	<5	<20	14	0.10	<10	56	<10	1	30
8	A1-8	<5	<0.2	2.24	25	75	<5	0.11	<1	7	27	15	2.40	10	0.53	181	2	0.02	16	450	14	<5	<20	11	0.07	<10	47	<10	3	29
9	A1-9	<5	<0.2	0.96	10	55	<5	0.10	<1	6	18	11	2.25	<10	0.33	124	12	0.02	9	210	8	<5	<20	10	0.12	<10	67	<10	2	26
10	A2-1	30	0.3	1.12	10	630	<5	1.17	<1	4	14	126	1.18	40	0.26	390	18	0.04	26	1650	6	<5	<20	125	0.02	<10	25	<10	41	13
11	A2-2	45	<0.2	0.92	15	60	<5	0.10	<1	7	24	9	2.96	<10	0.29	251	7	0.02	10	440	10	<5	<20	11	0.11	<10	75	<10	1	36
12	A2-3	N/S																												
13	A2-4	<5	<0.2	0.61	5	95	<5	0.07	<1	6	7	5	1.73	10	0.36	193	12	0.02	7	400	8	<5	<20	8	0.12	<10	57	<10	3	24
14	A2-5	<5	0.5	2.31	25	480	<5	0.55	<1	8	23	41	1.94	60	0.53	855	12	0.03	34	1250	12	<5	<20	61	0.03	<10	41	<10	39	43
15	A2-6	<5	<0.2	1.40	20	60	<5	0.12	<1	8	29	11	3.23	<10	0.42	257	6	0.02	16	600	16	<5	<20	12	0.12	<10	68	<10	2	43
16	A2-7	<5	<0.2	0.63	5	85	<5	0.07	<1	3	7	8	0.99	10	0.13	223	12	0.02	6	330	8	<5	<20	14	0.05	<10	25	<10	3	12
17	A2-8	<5	<0.2	0.21	<5	95	<5	0.23	<1	1	2	5	0.43	<10	0.04	38	<1	0.03	3	270	<2	<5	<20	28	0.01	<10	11	<10	2	6
18	A2-9	<5	<0.2	0.85	10	120	<5	0.21	<1	8	29	11	1.95	<10	0.46	199	7	0.02	16	340	10	<5	<20	18	0.09	<10	54	<10	2	25
19	A3-1	<5	0.5	1.29	15	500	<5	0.74	<1	6	15	31	1.29	30	0.18	1638	69	0.03	17	1310	10	<5	<20	71	0.02	<10	40	<10	24	11
20	A3-2	<5	0.4	0.34	<5	35	<5	0.05	<1	2	2	4	0.42	<10	0.08	27	<1	0.03	2	190	<2	<5	<20	12	0.03	<10	10	<10	1	4
21	A3-3	<5	<0.2	1.09	15	60	<5	0.10	<1	6	21	9	2.32	<10	0.36	152	23	0.02	12	230	12	<5	<20	11	0.09	<10	57	<10	1	24
22	A3-4	<5	<0.2	0.50	5	45	<5	0.08	<1	4	13	7	1.19	<10	0.13	91	25	0.02	5	270	8	<5	<20	9	0.09	<10	38	<10	1	16
23	A3-5	<5	<0.2	0.26	<5	90	<5	0.16	<1	2	3	3	0.56	<10	0.10	99	17	0.03	2	390	<2	<5	<20	20	0.04	<10	16	<10	2	8
24	A3-6	<5	<0.2	0.35	<5	45	<5	0.07	<1	2	7	4	0.81	<10	0.06	40	6	0.02	3	150	6	<5	<20	10	0.07	<10	33	<10	<1	8
25	A3-7	N/S																												

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	A3-8	N/S																												
27	A3-9	<5	<0.2	1.41	15	70	<5	0.24	<1	7	26	11	1.88	10	0.47	185	<1	0.03	16	470	10	<5	<20	12	0.07	<10	44	<10	4	20
28	A4-1	<5	<0.2	1.09	10	50	<5	0.13	<1	5	21	10	2.17	<10	0.29	112	2	0.02	9	460	8	<5	<20	10	0.09	<10	61	<10	2	12
29	A4-2	<5	<0.2	0.33	5	25	<5	0.05	<1	3	6	5	0.99	<10	0.09	62	<1	0.02	3	160	4	<5	<20	6	0.06	<10	35	<10	<1	10
30	A4-3	<5	<0.2	0.94	10	85	<5	0.09	<1	4	15	8	1.49	<10	0.27	114	9	0.02	9	170	10	<5	<20	10	0.07	<10	51	<10	2	15
31	A4-4	<5	<0.2	0.87	10	75	<5	0.08	<1	3	9	12	1.43	<10	0.26	90	2	0.02	6	310	6	<5	<20	12	0.04	<10	28	<10	2	14
32	A4-5	<5	<0.2	1.29	15	160	<5	0.15	<1	7	19	11	2.01	10	0.30	322	9	0.02	11	220	12	<5	<20	20	0.06	<10	54	<10	3	23
33	A4-6	<5	<0.2	1.00	10	150	<5	0.13	<1	5	19	6	2.05	<10	0.29	149	12	0.02	8	150	10	<5	<20	16	0.10	<10	63	<10	2	18
34	A4-7	N/S																												
35	A4-8	5	<0.2	1.07	15	45	<5	0.06	<1	4	16	9	2.56	<10	0.19	101	2	0.02	5	370	12	<5	<20	9	0.10	<10	64	<10	1	22
36	A4-9	10	<0.2	0.78	10	100	<5	0.06	<1	3	11	8	1.82	<10	0.12	90	7	0.02	6	220	12	<5	<20	8	0.04	<10	44	<10	2	21
37	A5-1	<5	0.2	0.71	10	120	<5	0.05	<1	2	7	13	0.83	<10	0.10	55	3	0.02	5	310	12	<5	<20	10	0.03	<10	22	<10	3	9
38	A6-1 50M	<5	<0.2	1.39	15	75	<5	0.11	<1	8	24	10	3.06	<10	0.48	213	14	0.02	11	240	14	<5	<20	14	0.13	<10	69	<10	2	36
39	A6-2 100M	5	<0.2	0.60	5	115	<5	0.11	<1	3	10	3	1.01	<10	0.14	71	32	0.01	4	90	10	<5	<20	14	0.08	<10	39	<10	1	12
40	A6-3 150M	<5	<0.2	0.28	<5	65	<5	0.17	<1	2	1	8	0.51	<10	0.10	41	1	0.04	2	180	<2	<5	<20	25	0.04	<10	13	<10	3	7
41	A6-4 200M	<5	<0.2	1.11	10	85	<5	0.08	<1	5	14	8	2.19	<10	0.39	154	9	0.02	9	290	12	<5	<20	10	0.04	<10	54	<10	2	33
42	A6-5 250M	<5	<0.2	0.71	30	120	<5	0.09	<1	3	4	18	2.18	10	0.11	119	62	0.01	5	200	16	<5	<20	13	0.01	<10	32	<10	2	39
43	A6- 0M	**N/S**																												
44	A6-6 300M	<5	<0.2	0.79	10	50	<5	0.09	<1	5	16	4	2.09	<10	0.22	119	7	0.01	6	280	10	<5	<20	11	0.12	<10	61	<10	1	17
45	A6-7 350M	<5	<0.2	1.36	15	250	<5	0.20	<1	9	10	43	2.50	10	0.49	224	19	0.02	10	250	14	<5	<20	28	0.11	<10	42	<10	6	30
46	A6-8 400M	<5	<0.2	0.78	35	285	<5	0.32	<1	4	14	6	1.73	<10	0.30	175	43	0.01	6	150	10	<5	<20	32	0.09	<10	55	<10	1	21
47	A7-0M	<5	<0.2	0.37	5	40	<5	0.04	<1	2	3	11	1.04	<10	0.06	47	20	0.01	3	100	4	<5	<20	7	0.03	<10	25	<10	<1	12
48	A7-1 50M	N/S																												
49	A7-2 100M	<5	<0.2	0.86	10	195	<5	0.14	<1	13	10	30	1.38	10	0.22	1497	85	0.02	9	450	12	<5	<20	19	0.05	<10	28	<10	3	24
50	A7-3 150M	<5	<0.2	0.93	10	190	<5	0.14	<1	5	18	11	1.62	<10	0.32	248	55	0.01	9	170	12	<5	<20	16	0.06	<10	38	<10	2	32
51	A7-4 200M	<5	<0.2	0.58	5	80	<5	0.10	<1	3	11	7	1.15	<10	0.15	79	9	0.02	6	340	6	<5	<20	13	0.06	<10	28	<10	2	14
52	A7-5 250M	<5	<0.2	1.10	15	110	<5	0.08	<1	5	18	9	2.28	<10	0.24	209	6	0.02	8	270	14	<5	<20	12	0.07	<10	52	<10	2	30
53	A7-6 300M	<5	<0.2	0.98	10	100	<5	0.08	<1	6	18	7	2.36	<10	0.31	151	3	0.02	9	290	12	<5	<20	9	0.06	<10	50	<10	1	31
54	A7-7 350M	<5	0.2	0.92	10	90	<5	0.07	<1	5	17	10	2.42	<10	0.26	126	5	0.01	9	270	12	<5	<20	11	0.07	<10	67	<10	2	29
55	A7-8 400M	<5	<0.2	0.65	10	40	<5	0.07	<1	3	12	4	1.62	<10	0.09	79	2	0.01	4	290	10	<5	<20	8	0.10	<10	52	<10	<1	24
56	A8-0 0M	<5	<0.2	0.79	10	70	<5	0.13	<1	5	17	8	1.90	<10	0.31	134	<1	0.02	10	570	8	<5	<20	12	0.06	<10	42	<10	1	25
57	A8-1 100M	<5	0.2	0.96	10	105	<5	0.08	<1	5	15	9	2.22	<10	0.24	150	20	0.01	7	210	14	<5	<20	14	0.10	<10	63	<10	1	19
58	A8-2 150M	<5	0.2	1.29	15	165	<5	0.20	<1	7	24	15	1.93	10	0.45	249	9	0.02	14	280	12	<5	<20	17	0.06	<10	41	<10	3	31
59	A8-3 200M	<5	<0.2	1.25	15	145	<5	0.19	<1	6	22	13	1.90	10	0.45	230	9	0.02	14	280	12	<5	<20	16	0.06	<10	40	<10	3	30
60	A8-4 250M	<5	<0.2	1.35	15	200	<5	0.10	<1	7	19	7	2.53	<10	0.36	254	6	0.02	10	300	14	<5	<20	15	0.07	<10	56	<10	2	38
61	A8-5 300M	<5	<0.2	1.21	15	95	<5	0.12	<1	7	24	8	2.16	10	0.44	166	<1	0.02	14	440	12	<5	<20	15	0.08	<10	48	<10	2	35
62	A8-6 350M	<5	0.2	1.43	15	70	<5	0.08	<1	5	18	9	2.40	<10	0.25	160	3	0.02	7	360	12	<5	<20	9	0.07	<10	56	<10	2	23
63	A8-7 400M	<5	<0.2	0.76	10	225	<5	0.10	<1	6	16	7	1.84	<10	0.31	185	1	0.01	9	270	10	<5	<20	11	0.06	<10	39	<10	2	34
64	A8-8 450M	<5	<0.2	1.21	15	75	<5	0.08	<1	5	20	7	3.05	<10	0.26	169	3	0.02	7	1060	12	<5	<20	9	0.10	<10	81	<10	1	29
65	A9-0 0M	<5	<0.2	0.89	10	125	<5	0.10	<1	5	16	6	1.85	<10	0.28	166	4	0.02	7	490	10	<5	<20	13	0.08	<10	47	<10	1	32

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	A9-1 50M	N/S																												
67	A9-2 100M	N/S																												
68	A9-3 150M	<5	<0.2	1.77	20	90	<5	0.12	<1	7	26	11	2.31	<10	0.38	224	1	0.02	14	470	12	<5	<20	11	0.07	<10	51	<10	3	28
69	A9-4 200M	<5	<0.2	0.66	10	85	<5	0.16	<1	4	9	10	1.21	<10	0.27	107	<1	0.03	7	420	4	<5	<20	14	0.04	<10	31	<10	2	17
70	A9-5 200M	N/S																												
71	A9-6 250M	<5	<0.2	1.09	10	75	<5	0.19	<1	6	21	9	1.77	<10	0.38	119	<1	0.02	16	390	8	<5	<20	19	0.05	<10	42	<10	2	18
72	A9-7 300M	<5	<0.2	1.21	15	55	<5	0.12	<1	8	22	13	1.91	10	0.33	537	1	0.02	12	390	10	<5	<20	10	0.06	<10	44	<10	2	19
73	A9-8 350M	<5	<0.2	1.08	10	55	<5	0.12	<1	6	21	8	1.57	10	0.36	138	9	0.01	13	500	8	<5	<20	8	0.06	<10	37	<10	2	19
74	A10 0M	<5	<0.2	0.97	10	85	<5	0.15	<1	5	19	8	1.62	10	0.32	153	5	0.01	12	400	8	<5	<20	12	0.05	<10	37	<10	3	18
QC DATA:																														
Repeat:																														
1	A1-1		<0.2	1.51	20	80	<5	0.15	<1	9	32	16	2.89	<10	0.59	198	4	0.03	19	540	12	<5	<20	19	0.09	<10	71	<10	3	31
5	A1-5	<5																												
10	A2-1		0.3	1.04	10	680	<5	1.27	<1	5	14	105	1.13	40	0.23	479	18	0.03	26	1550	8	<5	<20	136	0.02	<10	22	<10	42	14
16	A2-7	<5																												
19	A3-1		0.5	1.32	15	455	<5	0.80	<1	6	13	37	1.23	30	0.18	1592	62	0.04	17	1230	8	<5	<20	64	0.02	<10	41	<10	24	9
20	A3-2	<5																												
28	A4-1		<0.2	1.11	10	45	<5	0.14	<1	6	23	8	2.23	<10	0.29	111	1	0.02	11	460	8	<5	<20	10	0.10	<10	62	<10	2	13
33	A4-6	<5																												
36	A4-9		<0.2	0.86	10	110	<5	0.06	<1	3	12	9	1.95	<10	0.12	94	8	0.02	6	250	12	<5	<20	9	0.04	<10	46	<10	2	22
40	A6-3 150M	<5																												
45	A6-7 350M		<0.2	1.40	15	255	<5	0.19	<1	9	10	44	2.52	10	0.50	231	20	0.02	11	260	16	<5	<20	30	0.11	<10	42	<10	6	31
46	A6-8 400M	<5																												
54	A7-7 350M		0.2	0.88	10	85	<5	0.08	<1	5	16	10	2.27	<10	0.25	123	4	0.02	9	260	10	<5	<20	11	0.07	<10	63	<10	2	27
57	A8-1 100M	<5																												
63	A8-7 400M	<5	<0.2	0.83	10	240	<5	0.12	<1	6	17	7	1.94	<10	0.33	191	1	0.01	10	290	10	<5	<20	11	0.06	<10	42	<10	2	36
71	A9-6 250M		<0.2	1.13	15	75	<5	0.21	<1	6	23	9	1.83	<10	0.37	127	<1	0.02	17	390	10	<5	<20	20	0.06	<10	44	<10	2	19
74	A10 0M	<5																												
Standard:																														
Till - 3			1.4	1.04	90	40	<5	0.49	<1	11	57	20	2.11	10	0.60	298	<1	0.03	33	450	27	<5	<20	13	0.06	<10	38	<10	6	37
Till - 3			1.4	1.07	90	40	<5	0.46	<1	11	58	22	2.11	10	0.61	301	<1	0.03	33	430	27	<5	<20	13	0.06	<10	38	<10	6	39
Till - 3			1.5	1.08	90	40	<5	0.52	<1	11	58	21	2.05	10	0.58	303	<1	0.03	33	420	30	<5	<20	12	0.06	<10	37	<10	7	36
SE29		595																												
SE29		600																												

JJ/jl
df/N997
XLS/07

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

513000E 513500E 514000E -134°44' 514500E 515000E 515500E

6765000N 6764500N 6764000N 61°11'

HIG 29 HIG 32 HIG 9 HIG 30 HIG 11 HIG 10 HIG 28 HIG 13 HIG 12 HIG 15 HIG 14 HIG 1 HIG 26 HIG 16 HIG 3 HIG 2 HIG 5 HIG 4 HIG 7 HIG 6 HIG 8

Hig Creek

Zone of Limonite Altered Granodiorite

BEAVER DAM SHOWING

YOO HOO SHOWING

SERENDIPITY SHOWING

Minfile Occurrence 105 E 24 (HIG)

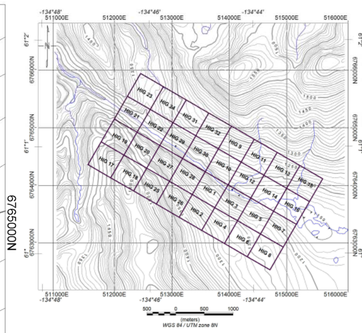
VEIN
HIG-EM-01
Qtz vein; lim

VEIN
HIG-MP-01
Qtz vein

Molybdenite-bearing float

HIG-EM-02 Grano float w/ lim
HIG-MP-06 Grano
HIG-EM-15 Grano
HIG-EM-16 & 17 Grano: lim, kspar
HIG-MP-02 Grano:
HIG-EM-18 Grano: kspar, lim, moly to 2 mm
HIG-EM-19 Grano: int lim, k-spar
HIG-EM-20 Grano: lim moly
HIG-EM-21 Grano: moly to 2 mm
HIG-EM-22 Grano: xl / lim alt, moly xl to 2 mm
HIG-MP-03 Grano: dk brn limon veinlets
HIG-MP-07 Grano: lim stn, diss moly
HIG-MP-04 Andesite
HIG-EM-10 Grano: intense lim, cpy +/- moly
HIG-EM-11 Grano: lim, py in qtz veins
HIG-EM-12 Grano: lim, mal in qtz veins
HIG-EM-13 Grano: lim, moly
HIG-EM-03 moly
HIG-EM-04 Qtz vein
HIG-MP-08 Grano: lim

Grano: lim
Grano:
Grano: minor lim altn
Grano: intense lim stn
Grano: lim stn
Grano: w/lim stn
Grano: w/lim qtz veins
Grano: lim blebs
Grano: lim blebs, lim altn
Grano: loc lim
Grano: k-spar
Grano: lim, moly to 2 mm
Vein-fault; grano w/lim
Aplite
Andesite
Andesite
Andesite
Andesite



LEGEND

- Dip — Bedding or contact
- Dip — Joint of fracture
- Dip — Vein
- Zone of Limonite altered Granodiorite
- HIG-EM-112 — Sample Location & Number

Scale 1:4000

50 0 50 100 150 200 250 300
(meters)
NAD83 / UTM zone 8N

37999 YUKON INC.

MOLYGARCHY PROPERTY
Figure 4 - Property Geology

NTS: 105 D/15 & 105 E/2
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 04 Oct 07

AURORA GEOSCIENCES LTD.

513750E
514000E
514250E
-134°44'
514500E
514750E
6764750N
6764500N
6764250N
6764000N
6763750N
6763500N
61°1'

HIG 32
HIG 30
HIG 9
HIG 49
HIG 11
HIG 12
HIG 13
HIG 14
HIG 1
HIG 3
HIG 4
HIG 5
HIG 4

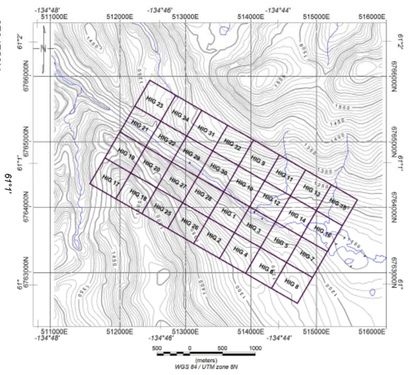
1300
1250
1200
1150
1100

HIG-EM-01
HIG-MP-01
HIG-EM-21
HIG-EM-22
HIG-MP-03
HIG-MP-04
HIG-EM-10
HIG-EM-03
HIG-EM-11
HIG-EM-12
HIG-EM-13
HIG-EM-04
HIG-MP-05

Hig Creek

Beaver Dam Grid
(Detail map)

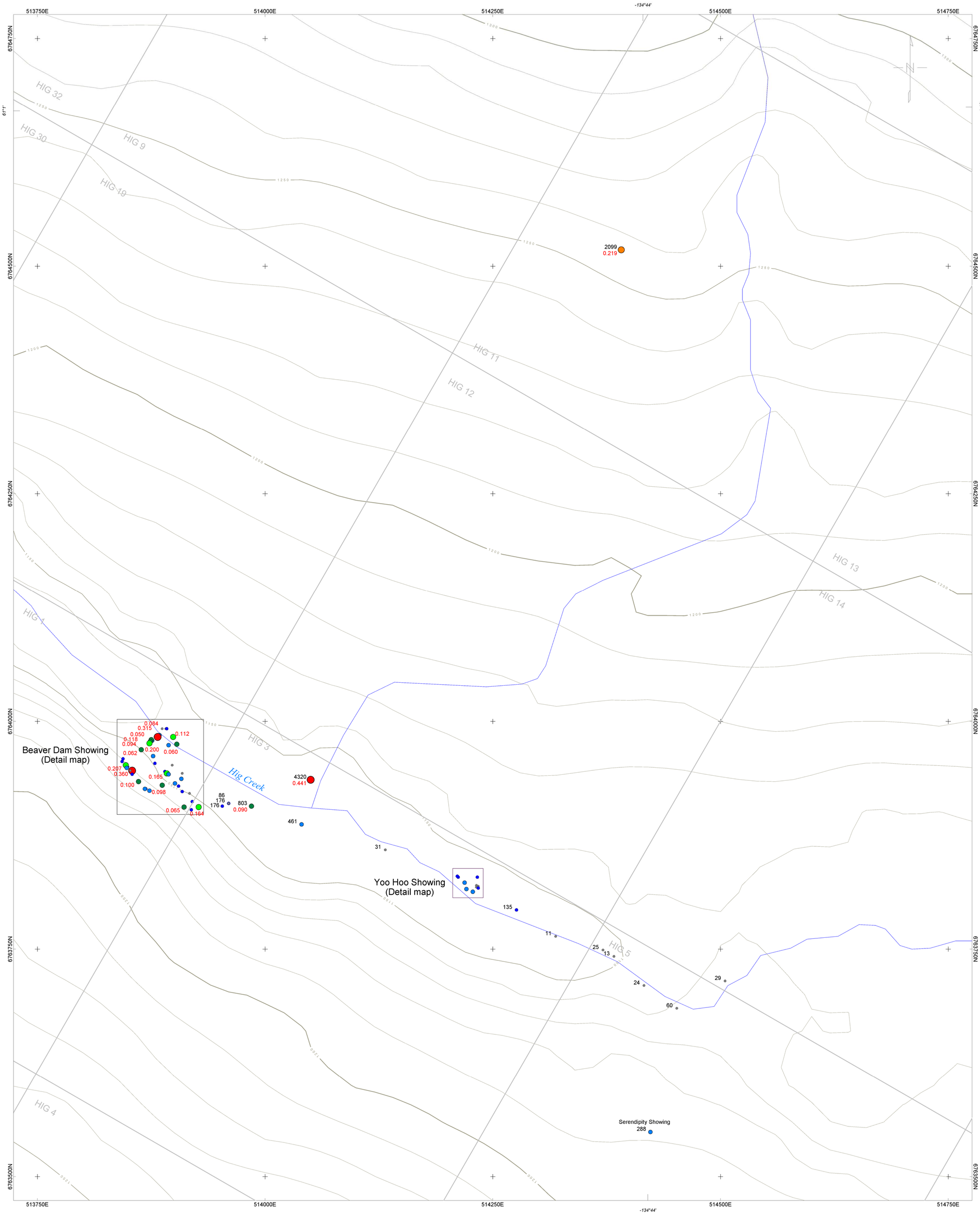
Yoo Hoo Grid
(Detail map)

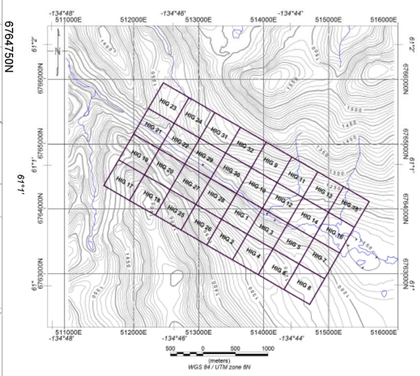


HIG-EM-112 Sample Location & Number

Scale 1:1750
25 0 25 50 75 100 125
(meters)
NAD83 / UTM zone 8N

37999 YUKON INC.	
MOLYGARCHY PROPERTY **2007 Exploration Program** **Figure 7 - Rock Sample Locations**	
NTS: 105 D 15 & 105 E/2 Datum: NAD83 Job: 379-7536-YT	Mining District: Whitehorse Projection: UTM Zone 8N Date: 02 Oct 07
AURORA GEOSCIENCES LTD.	





Mo
(ppm)

- > 3000
- 2000 - 3000
- 1000 - 2000
- 500 - 1000
- 200 - 500
- 100 - 200
- < 100

Analysis in ppm 64
Assay in % 0.112

SUMMARY OF ANALYSES
2007 ROCK SAMPLES

Sample	UTME	UTMN	Tag	Cu	Mo	Mo_Assay
HIG-EM-01	514391	6764518	23451	17	2099	0.219
HIG-EM-02	513876	6763979	23452	358	489	0.050
HIG-EM-03	514371	6763749	23453	128	25	*
HIG-EM-04	514505	6763715	23454	65	29	*
HIG-EM-10	514319	6763764	23489	7	11	*
HIG-EM-11	514383	6763742	23490	502	13	*
HIG-EM-12	514416	6763710	23491	665	24	*
HIG-EM-13	514452	6763685	23492	6	60	*
HIG-EM-15	513917	6763921	7R23463	88	49	*
HIG-EM-16	513927	6763906	7R23464	167	239	*
HIG-EM-17	513927	6763906	7R23465	89	1559	0.164
HIG-EM-18	513953	6763907	7R23466	4	176	*
HIG-EM-19	513960	6763910	7R23467	31	176	*
HIG-EM-20	513960	6763910	7R23468	5	86	*
HIG-EM-21	513985	6763907	7R23469	3	803	0.090
HIG-EM-22	514040	6763887	7R23470	3	461	*
HIG-L0E-3N	513844	6763959	23497	72	198	*
HIG-L10E-0N	513848	6763949	23507	19	373	*
HIG-L10E-1N	513849	6763950	23502	5	116	*
HIG-L16E-2N	513854	6763946	23515	224	3550	0.360
HIG-L17E-60N	513899	6763983	23514	8	1091	0.112
HIG-L19E-30N	513877	6763962	23505	10	376	*
HIG-L25E-58N	513903	6763975	23508	328	562	0.060
HIG-L26E-27N	513879	6763954	23510	255	149	*
HIG-L2E-57N	513887	6763992	23517	113	0	0.084
HIG-3E-40N	513875	6763980	7R23472	291	998	0.118
HIG-L40E-29N	513890	6763945	23520	407	123	*
HIG-L40E-40N	513898	6763952	23504	111	69	*
HIG-L41E-1N	513869	6763926	23498	368	164	*
HIG-L43E-29N	513892	6763943	23518	779	1532	0.165
HIG-L45E-2N	513873	6763924	23506	38	384	*
HIG-L45E-30N	513894	6763942	23495	799	437	*
HIG-L50E-17N	513887	6763930	23516	516	961	0.098
HIG-L54E-42N	513909	6763943	23513	55	35	*
HIG-L57E-29N	513901	6763932	23521	1008	462	*
HIG-L58E-38N	513908	6763937	23511	327	228	*
HIG-L5E-24N	513864	6763969	23522	366	610	0.062
HIG-L5E-38N	513874	6763978	23519	357	915	0.094
HIG-L5E-50N	513884	6763985	23503	139	347	*
HIG-L5E-60N	513891	6763992	23501	89	49	*
HIG-L5E-61N	513892	6763992	23509	167	106	*
HIG-L62E-30N	513905	6763929	23494	1201	102	*
HIG-L69E-29N	513909	6763923	23512	2563	126	*
HIG-L6E-47N	513882	6763983	23500	215	3026	0.315
HIG-L84E-20N	513911	6763906	23499	298	635	0.065
HIG-L85E-31N	513920	6763912	23493	7	120	*
HIG-L91E-24N	513919	6763903	23496	65	106	*
HIG-TR-02	513843	6763956	7R23474	30	132	*
HIG-TR-07	513847	6763952	7R23475	3	1916	0.207
HIG-TR-10	513848	6763949	7R23476	22	250	*
HIG-TR-15	513852	6763946	7R23477	9	24	*
HIG-TR-19	513854	6763942	7R23478	228	165	*
HIG-TR-30	513861	6763934	7R23479	233	961	0.100
HIG-TR-40	513868	6763926	7R23480	168	304	*
HIGY-0E-14S	514212	6763829	7R23483	6	113	*
HIGY-15E-19S	514221	6763816	7R23488	4	300	*
HIGY-17E-1S	514233	6763829	7R23482	3	140	*
HIGY-21E-10S	514232	6763820	7R23471	4	94	*
HIGY-21E-10S	514232	6763818	7R23485	8	31	*
HIGY-22E-18S	514228	6763813	7R23481	5	227	*
HIGY-23E-9S	514234	6763819	7R23487	21	22	*
HIGY-25E-11S	514234	6763817	7R23484	5	103	*
HIGY-9E-15S	514219	6763823	7R23486	3	262	*
HIG-MP-01	514050	6763936	23457	70	4320	0.441
HIG-MP-02	513894	6763974	23458	238	405	*
HIG-MP-03	514132	6763859	23459	49	31	*
HIG-MP-04	514276	6763793	23460	12	135	*
HIG-MP-05	514423	6763549	23461	57	288	*
HIG-MP-06	513873	6763976	23462	33	1914	0.200
HIG-MP-07	514211	6763830	7R23473	4	104	*

Scale 1:1750

25 0 25 50 75 100 125
(meters)
NAD83 / UTM zone 8N

37999 YUKON INC.

MOLYGARCHY PROPERTY
2007 Exploration Program
Figure 8 - Molybdenum

NTS: 105 E/2
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 02 Oct 07

AURORA GEOSCIENCES LTD.

513850E

513900E

6764000N

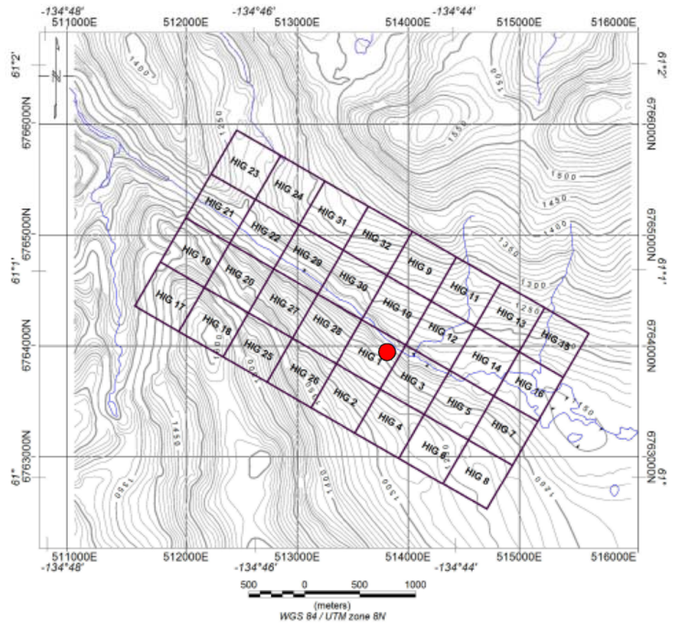
6763950N

6763900N

(Hig Creek)
Beaver Pond

1150

HIG-L5E-60N
HIG-L5E-61N
HIG-L2E-57N
HIG-L5E-50N
HIG-L6E-47N
HIG-L17E-60N
HIG-3E-40N
HIG-EM-02
HIG-L5E-38N
HIG-MP-06
HIG-MP-02
HIG-L25E-58N
HIG-L5E-24N
HIG-L19E-30N
HIG-L0E-3N
HIG-TR-02
HIG-L26E-27N
HIG-TR-07
HIG-L40E-40N
HIG-L10E-1N
HIG-L10E-0N
HIG-TR-10
HIG-TR-15
HIG-L16E-2N
HIG-L40E-29N
HIG-L43E-29N
HIG-L45E-30N
HIG-L54E-42N
HIG-TR-19
HIG-L58E-38N
HIG-TR-30
HIG-L57E-29N
HIG-L50E-17N
HIG-L62E-30N
HIG-TR-40
HIG-L41E-1N
HIG-L45E-2N
HIG-L69E-29N
HIG-EM-15
HIG-L85E-31N
HIG-L84E-20N
HIG-EM-17
HIG-EM-16
HIG-L91E-24N



HIG-EM-112 Sample Location & Number

Scale 1:400

5 0 5 10 15 20 25 30

(meters)

NAD83 / UTM zone 8N

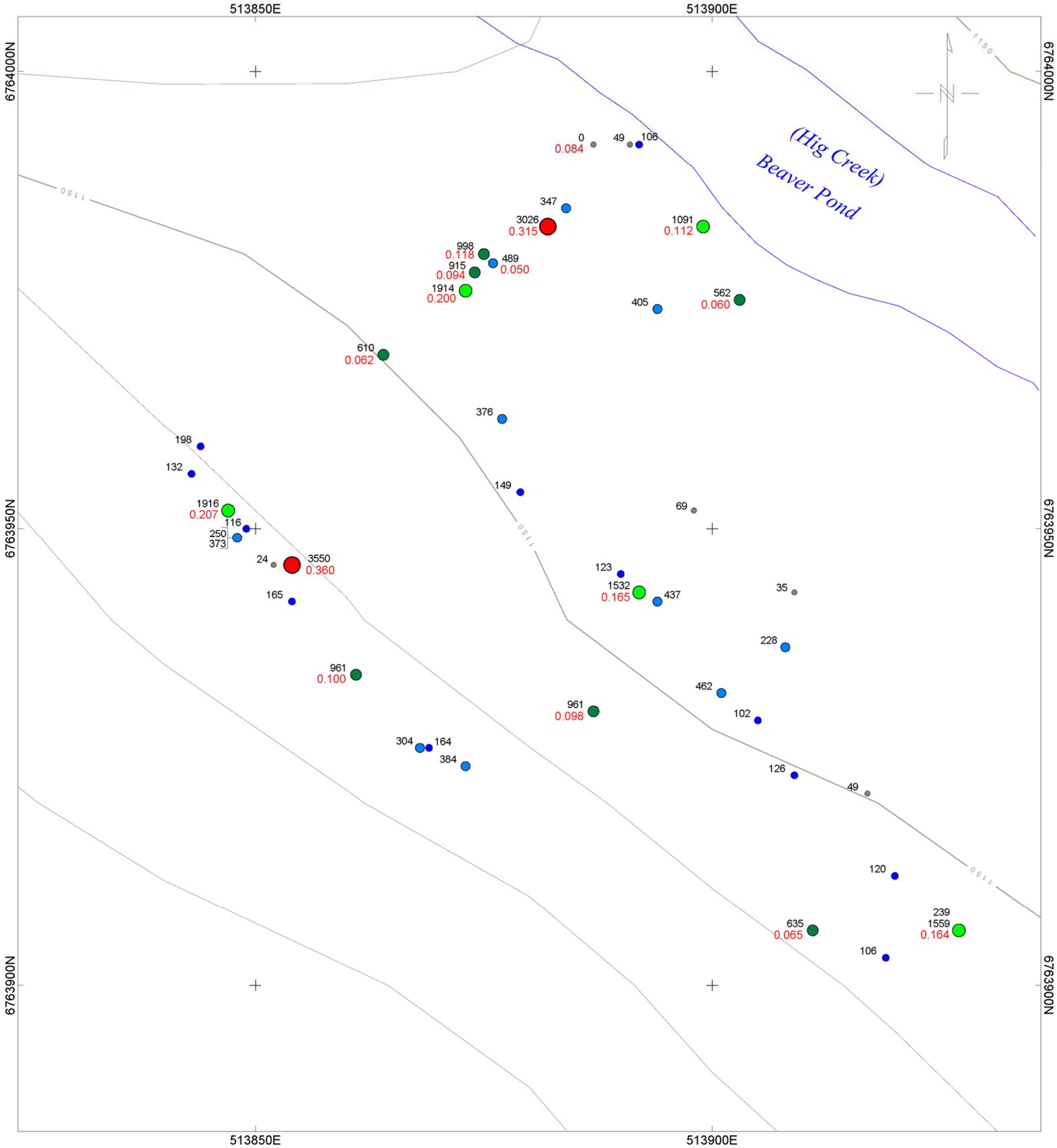
37999 YUKON INC.

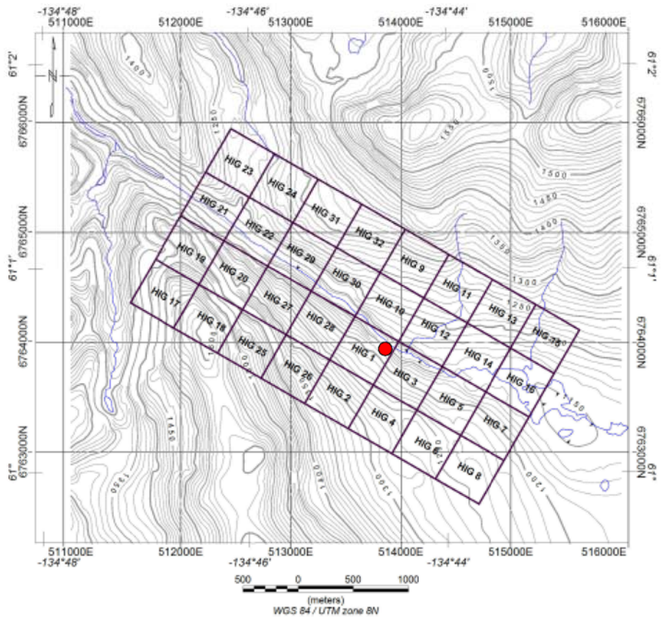
MOLYGARCHY PROPERTY
2007 Exploration Program
Figure 9 - Beaver Dam Grid - Rock Sample Locations

NTS: 105 E/2
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 02 Oct 07

AURORA GEOSCIENCES LTD.





Mo

>	3000
2000 -	3000
1000 -	2000
500 -	1000
200 -	500
100 -	200
<	100

Mo Analysis in ppm 64
Mo Assay in % 0.112

SUMMARY OF ANALYSES
BEAVER DAM SHOWING AREA

Sample	UTME	UTMN	Tag	Cu	Mo	Mo_Assay
HIG-L0E-3N	513844	6763959	23497	72	198	*
HIG-L10E-0N	513848	6763949	23507	19	373	*
HIG-L10E-1N	513849	6763950	23502	5	116	*
HIG-L16E-2N	513854	6763946	23515	224	3550	0.360
HIG-L17E-60N	513899	6763983	23514	8	1091	0.112
HIG-L19E-30N	513877	6763962	23505	10	376	*
HIG-L25E-58N	513903	6763975	23508	328	562	0.060
HIG-L26E-27N	513879	6763954	23510	255	149	*
HIG-L2E-57N	513887	6763992	23517	113	0	0.084
HIG-3E-40N	513875	6763980	7R23472	291	998	0.118
HIG-L40E-29N	513890	6763945	23520	407	123	*
HIG-L40E-40N	513898	6763952	23504	111	69	*
HIG-L41E-1N	513869	6763926	23498	368	164	*
HIG-L43E-29N	513892	6763943	23518	779	1532	0.165
HIG-L45E-2N	513873	6763924	23506	38	384	*
HIG-L45E-30N	513894	6763942	23495	799	437	*
HIG-L50E-17N	513887	6763930	23516	516	961	0.098
HIG-L54E-42N	513909	6763943	23513	55	35	*
HIG-L57E-29N	513901	6763932	23521	1008	462	*
HIG-L58E-38N	513908	6763937	23511	327	228	*
HIG-L5E-24N	513864	6763969	23522	366	610	0.062
HIG-L5E-38N	513874	6763978	23519	357	915	0.094
HIG-L5E-50N	513884	6763985	23503	139	347	*
HIG-L5E-60N	513891	6763992	23501	89	49	*
HIG-L5E-61N	513892	6763992	23509	167	106	*
HIG-L62E-30N	513905	6763929	23494	1201	102	*
HIG-L69E-29N	513909	6763923	23512	2563	126	*
HIG-L6E-47N	513882	6763983	23500	215	3026	0.315
HIG-L84E-20N	513911	6763906	23499	298	635	0.065
HIG-L85E-31N	513920	6763912	23493	7	120	*
HIG-L91E-24N	513919	6763903	23496	65	106	*
HIG-TR-02	513843	6763956	7R23474	30	132	*
HIG-TR-07	513847	6763952	7R23475	3	1916	0.207
HIG-TR-10	513848	6763949	7R23476	22	250	*
HIG-TR-15	513852	6763946	7R23477	9	24	*
HIG-TR-19	513854	6763942	7R23478	228	165	*
HIG-TR-30	513861	6763934	7R23479	233	961	0.100
HIG-TR-40	513868	6763926	7R23480	168	304	*

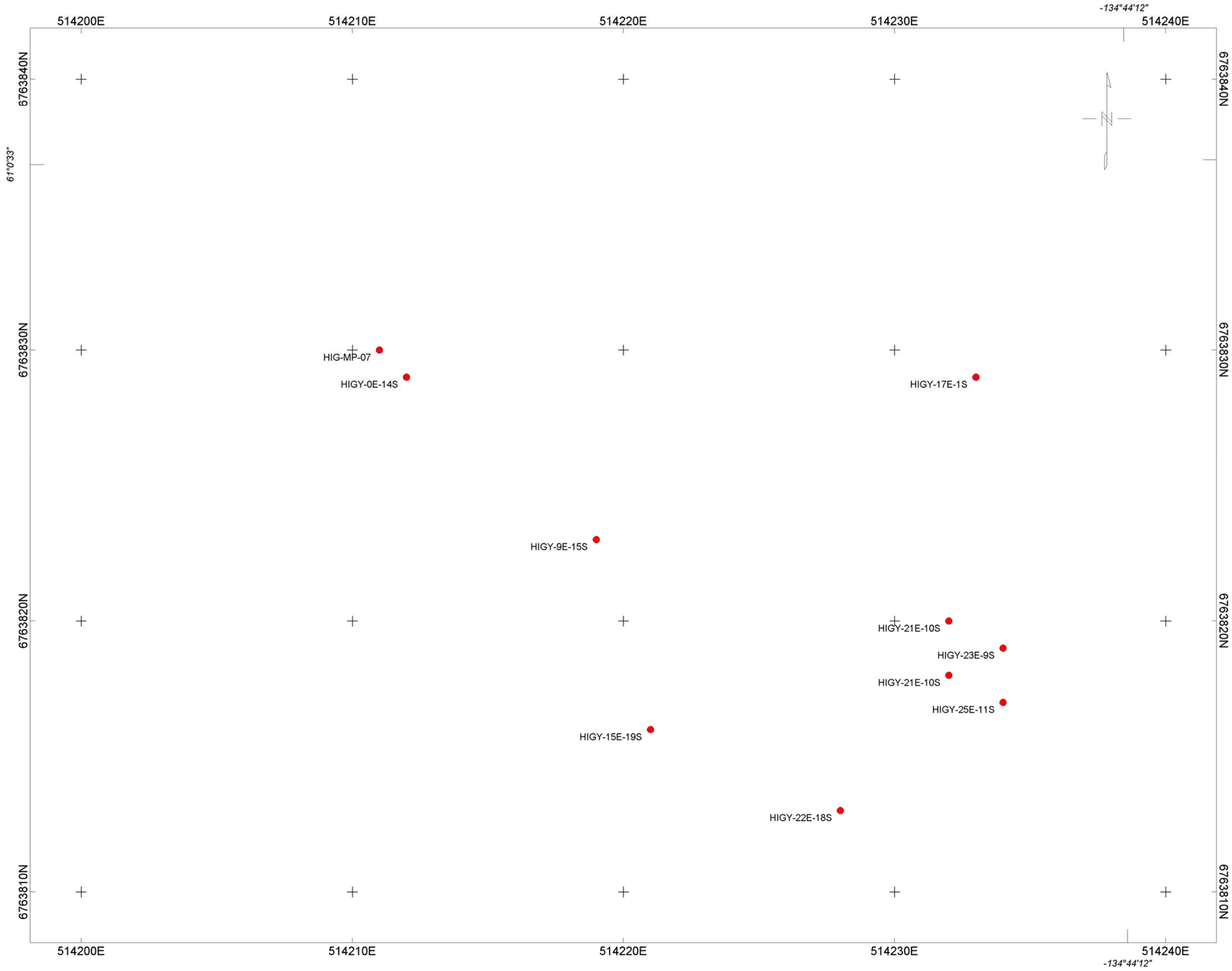
37999 YUKON INC.

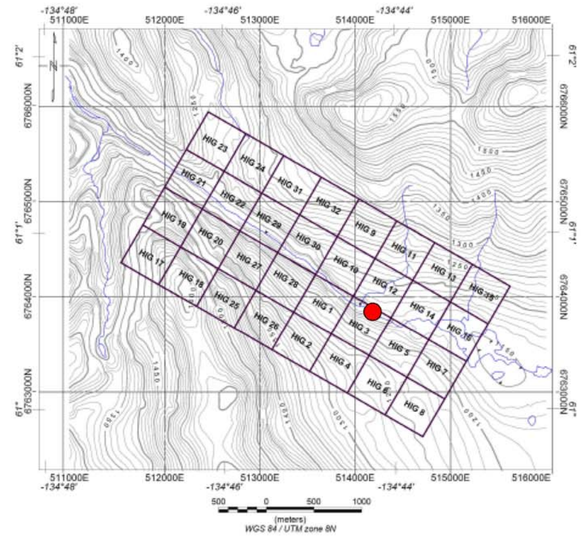
MOLYGARCHY PROPERTY
2007 Exploration Program
Figure 10 - Beaver Dam Showing - Molybdenum

NTS: 105 E/2
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 02 Oct 07

AURORA GEOSCIENCES LTD.





HIG-EM-112 Sample Location & Number

Scale 1:125

2.5 0 2.5 5 7.5

(meters)

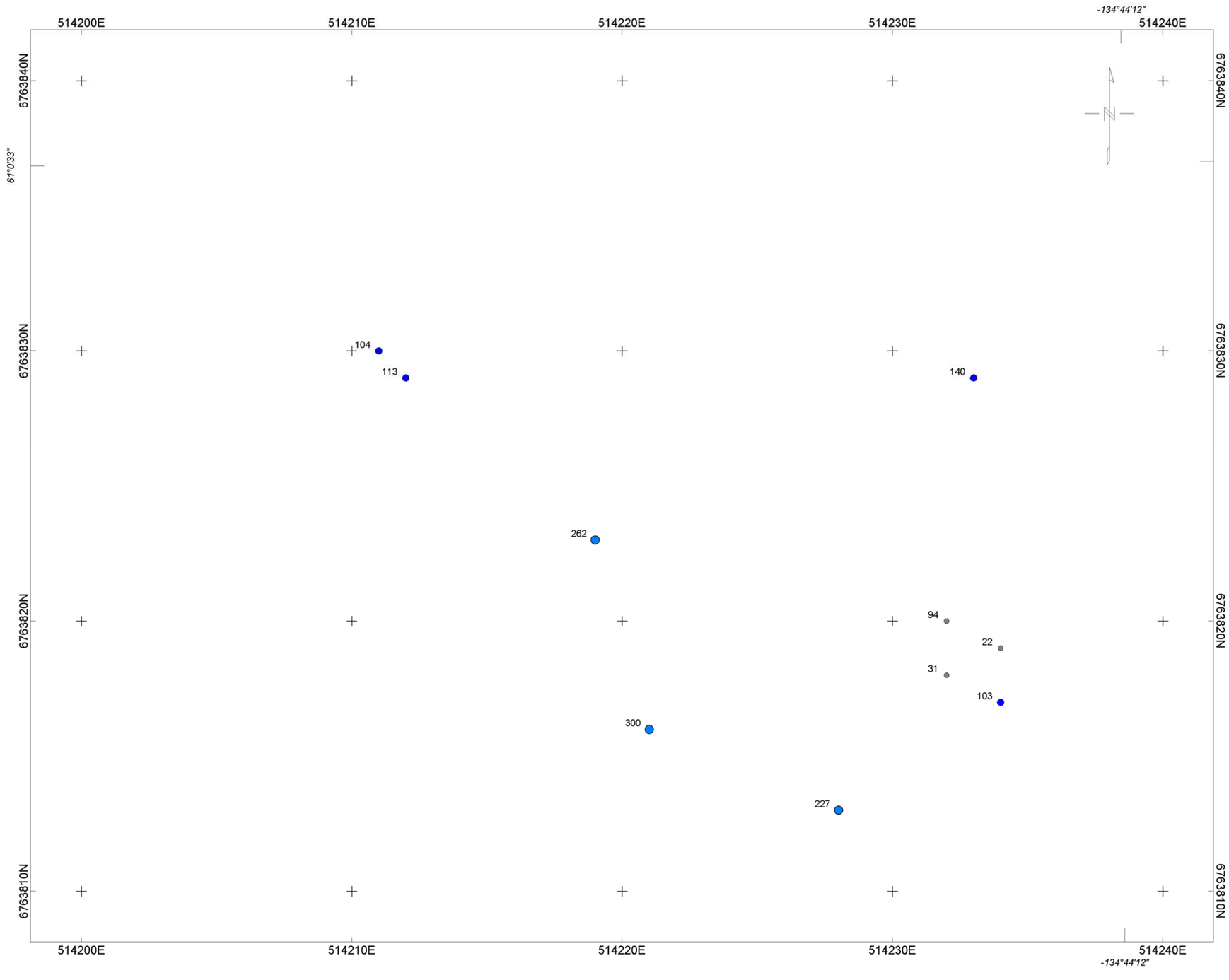
NAD83 / UTM zone 8N

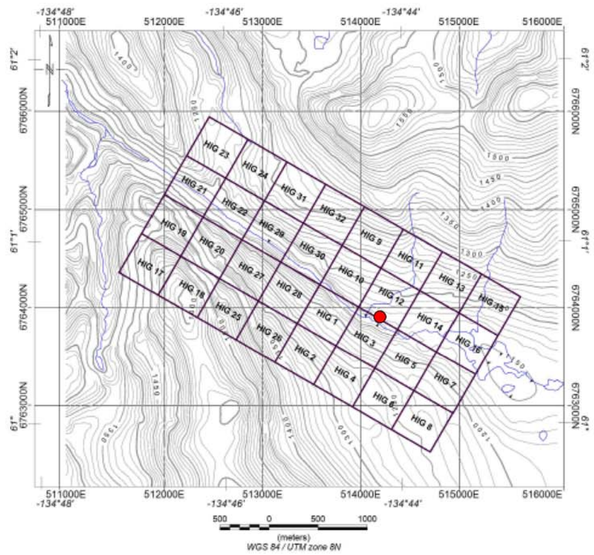
37999 YUKON INC.

MOLYGARCHY PROPERTY
2007 Exploration Program
Figure 11 - Yoo Hoo Showing - Sample Locations

NTS: 105 E/2 — Mining District: Whitehorse
Datum: NAD83 — Projection: UTM Zone 8N
Job: 379-7536-YT — Date: 02 Oct 07

AURORA GEOSCIENCES LTD.





Mo
(ppm)

- > 3000
- 2000 - 3000
- 1000 - 2000
- 500 - 1000
- 200 - 500
- 100 - 200
- < 100

Mo Analysis in ppm 64

SUMMARY OF ANALYSES
YOO HOO SHOWING AREA

Sample	UTME	UTMN	Tag	Cu	Mo	Mo_Assay
HIGY-0E-14S	514212	6763829	7R23483	6	113	*
HIGY-15E-19S	514221	6763816	7R23488	4	300	*
HIGY-17E-1S	514233	6763829	7R23482	3	140	*
HIGY-21E-10S	514232	6763820	7R23471	4	94	*
HIGY-21E-10S	514232	6763818	7R23485	8	31	*
HIGY-22E-18S	514228	6763813	7R23481	5	227	*
HIGY-23E-9S	514234	6763819	7R23487	21	22	*
HIGY-25E-11S	514234	6763817	7R23484	5	103	*
HIGY-9E-15S	514219	6763823	7R23486	3	262	*
HIG-MP-07	514211	6763830	7R23473	4	104	*

Scale 1:125

2.5 0 2.5 5 7.5
(meters)
NAD83 / UTM zone 8N

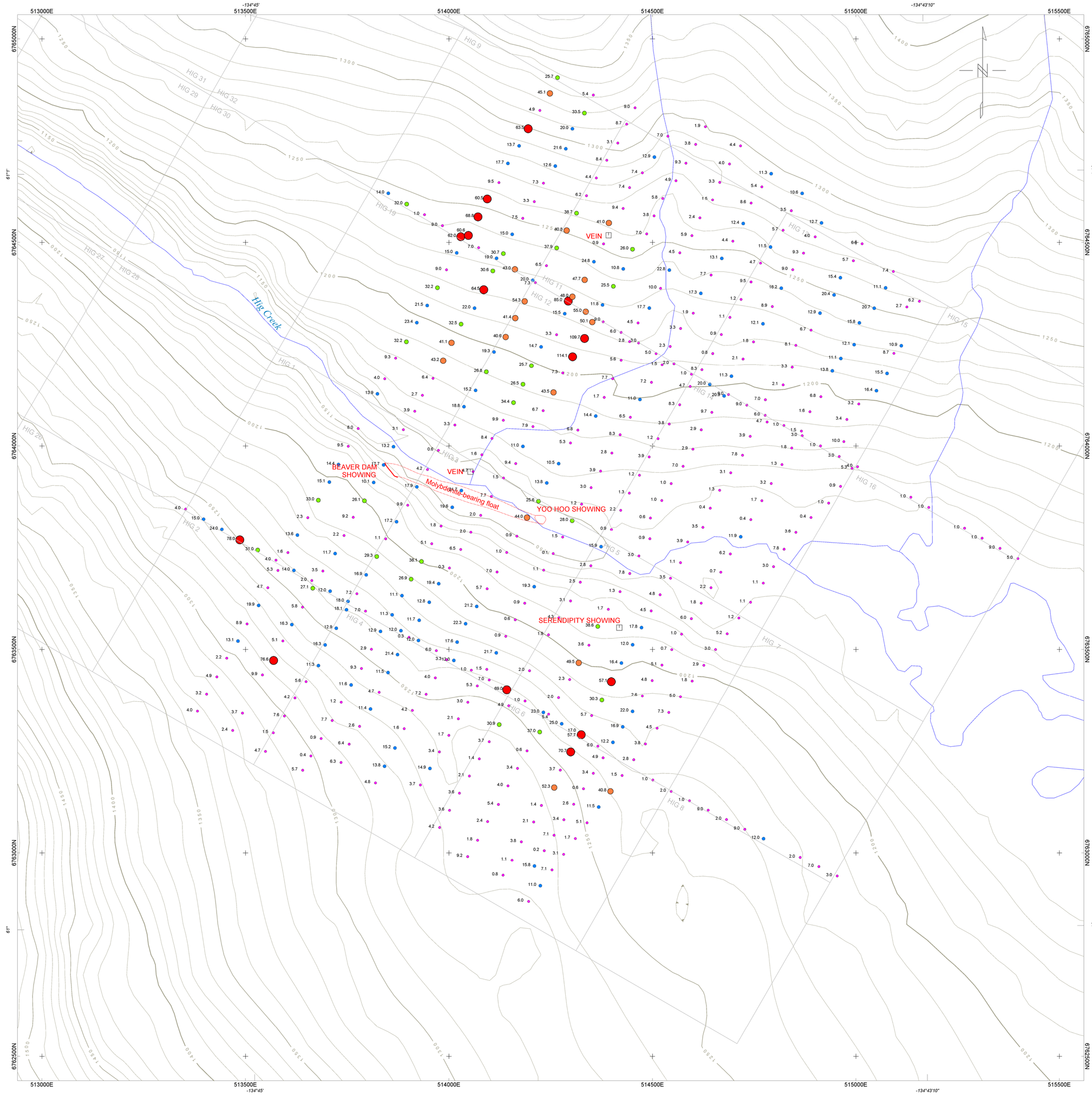
37999 YUKON INC.

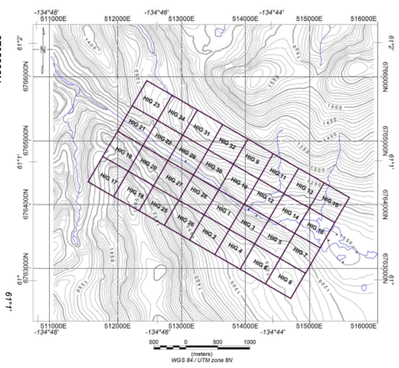
MOLYGARCHY PROPERTY
2007 Exploration Program
Figure 12 - Yoo Hoo Showing - Molybdenum

NTS: 105 E/2
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 02 Oct 07

AURORA GEOSCIENCES LTD.





Molybdenum (ppm)

- > 55
- 40 - 55
- 25 - 40
- 10 - 25
- < 10

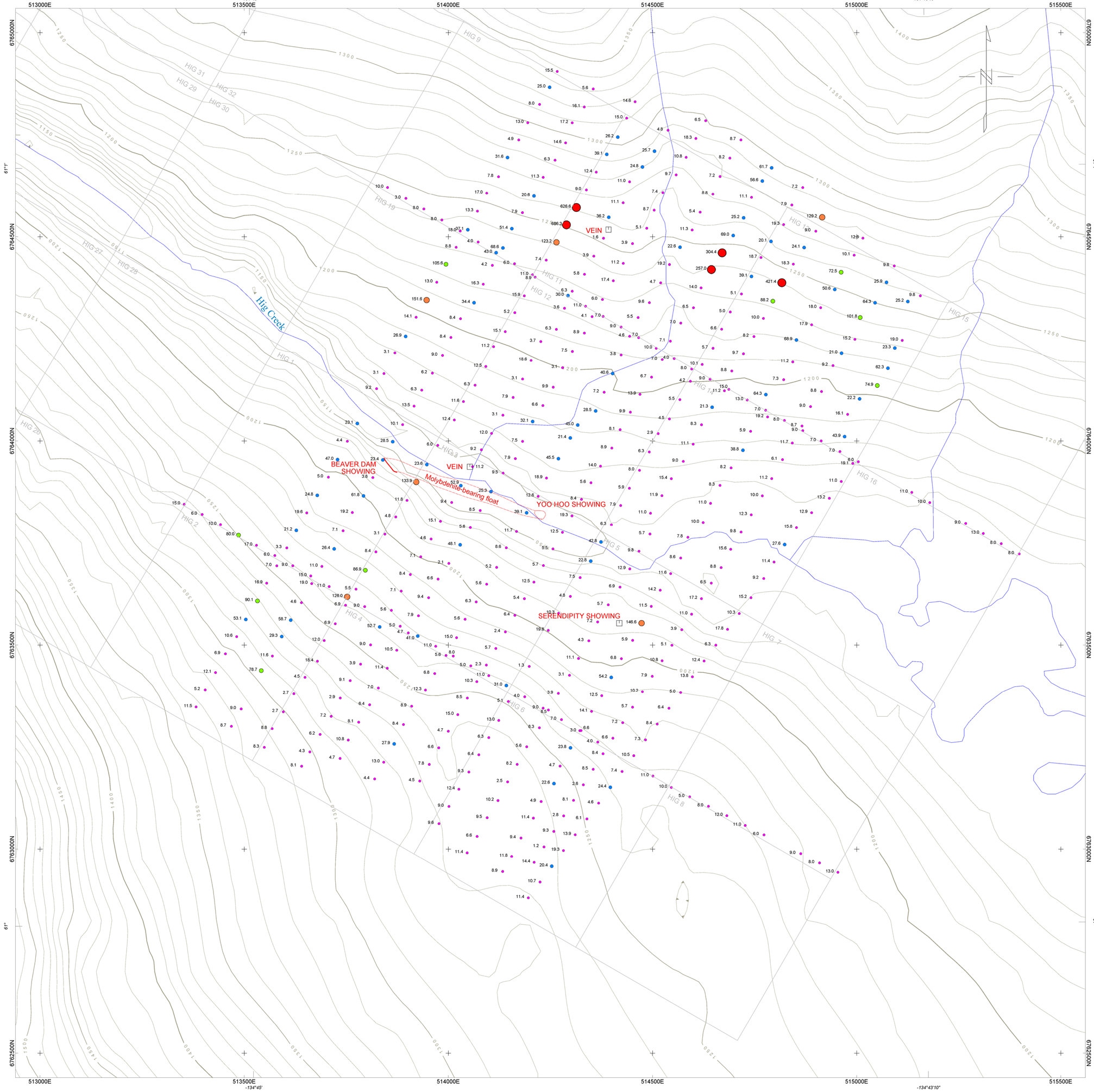
Mo Analysis in ppm 64

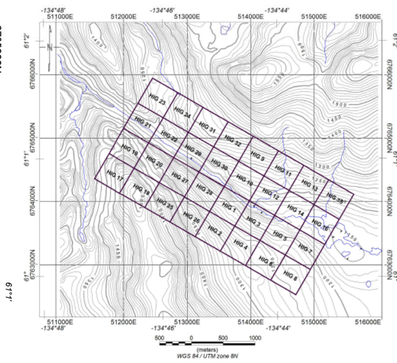
Scale 1:4000

50 0 50 100 150 200 250 300 (meters)

NAD83 / UTM zone 8N

37999 YUKON INC.	
MOLYGARCHY PROPERTY **Soil Geochemical Surveys 2006-2007** **Figure 21 - Molybdenum Soil Geochemical Response**	
NTS: 105 E/02	Mining District: Whitehorse
Datum: NAD83	Projection: UTM Zone 8N
Job: 379-7536-YT	Date: 27 Sept 07
AURORA GEOSCIENCES LTD.	





Copper (ppm)

> 170	
120 - 170	
70 - 120	
20 - 70	
< 20	

Cu Analysis in ppm 180

Scale 1:4000

50 0 50 100 150 200 250 300

(meters)

NAD83 / UTM zone 8N

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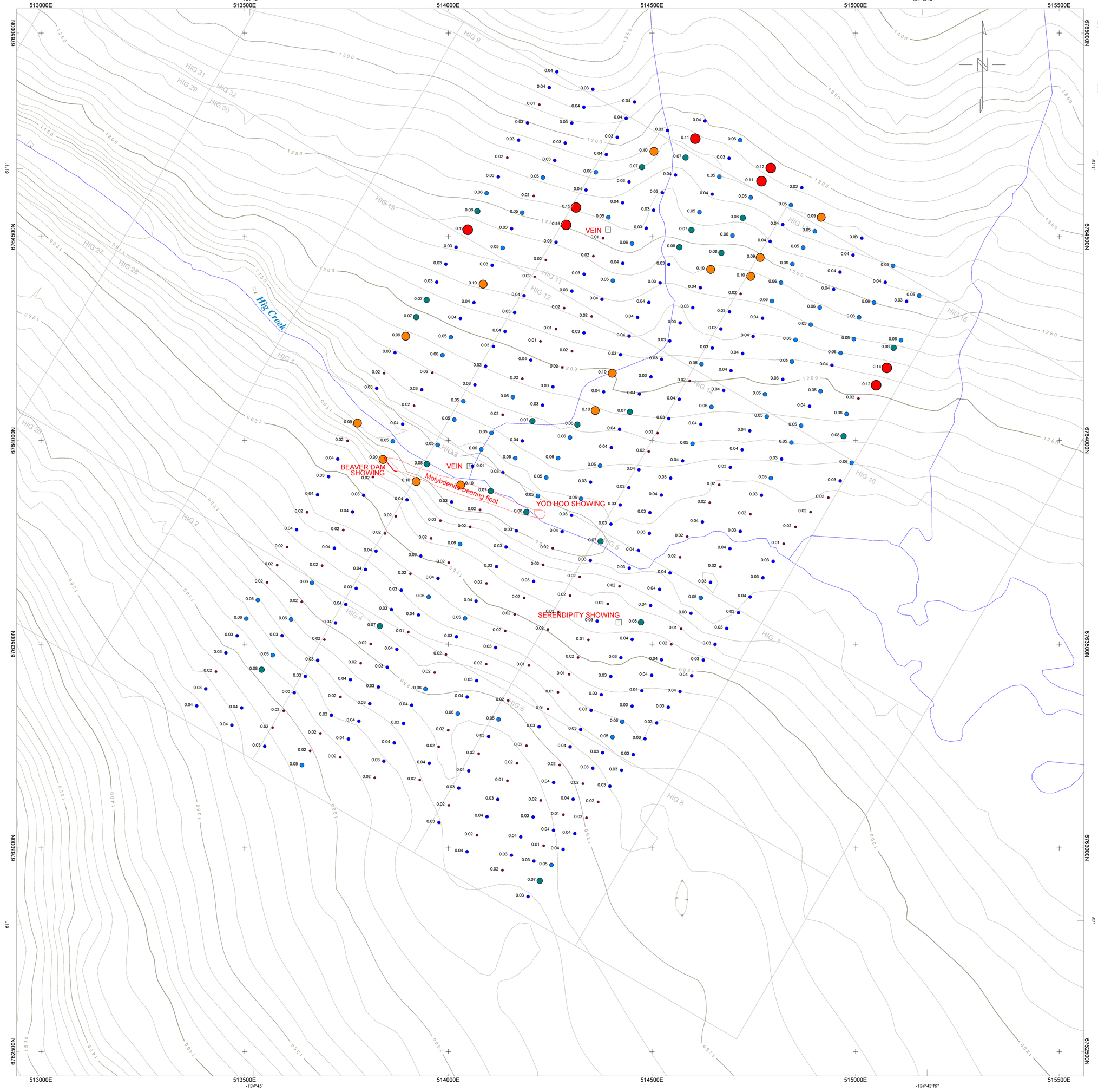
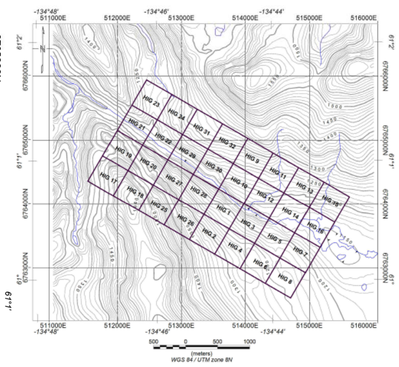
MOLYGARCHY PROPERTY
Soil Geochemical Surveys 2006-2007
Figure 22 - Copper Soil Geochemical Response

NTS: 105 E/02
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 27 Sept 07

AURORA GEOSCIENCES LTD.





Potassium
(%)

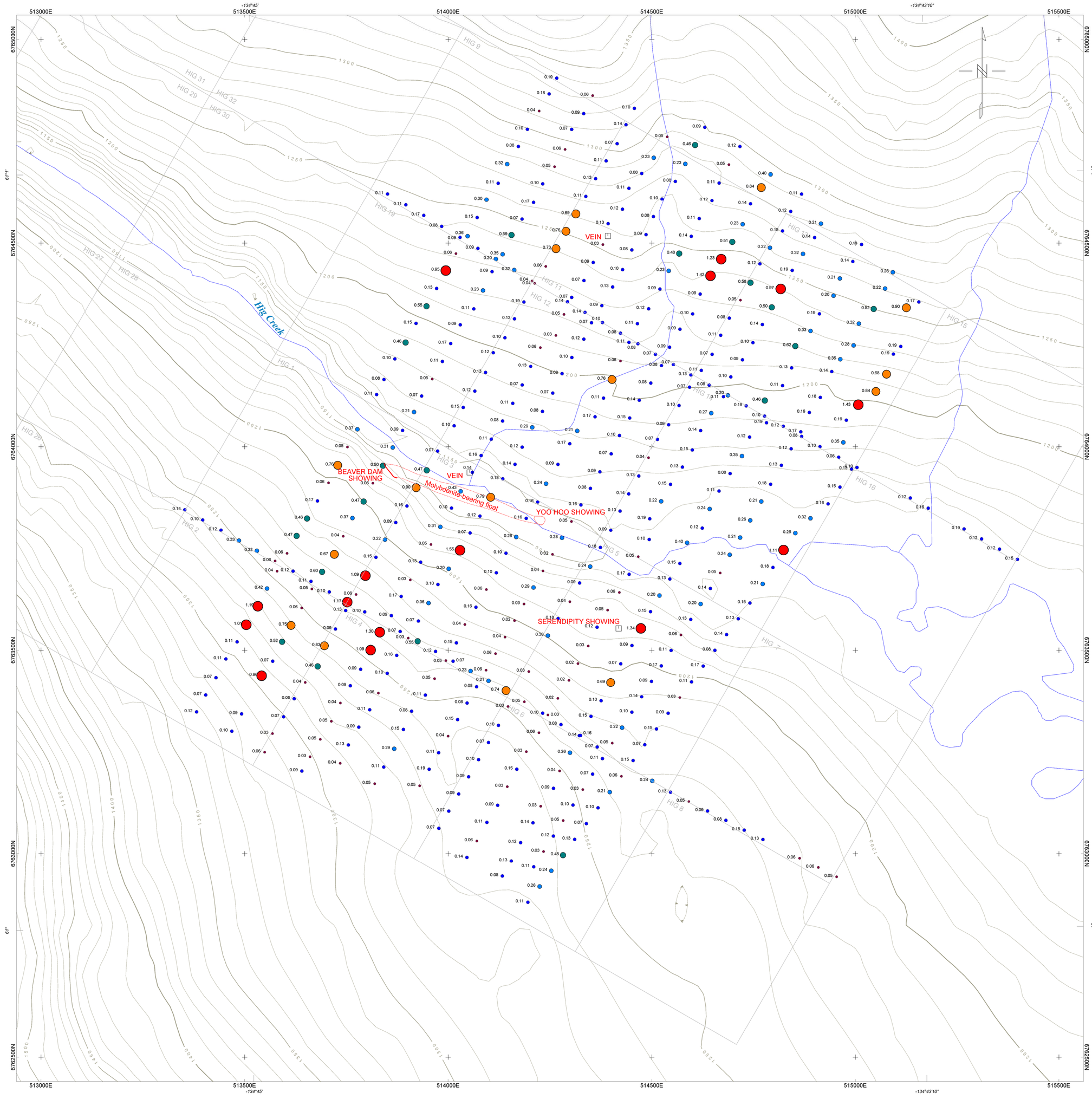
- > 0.1
- 0.08 - 0.1
- 0.06 - 0.08
- 0.04 - 0.06
- 0.02 - 0.04
- < 0.02

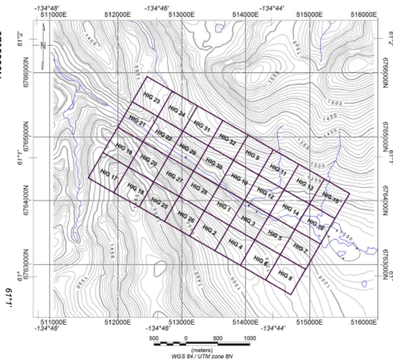
K Analysis in % 0.12

Scale 1:4000

50 0 50 100 150 200 250 300
(meters)
NAD83 / UTM zone 8N

37999 YUKON INC.	
MOLYGARCHY PROPERTY **Soil Geochemical Surveys 2006-2007** **Figure 23 - Potassium Soil Geochemical Response**	
NTS: 105 E/02 Datum: NAD83 Job: 379-7536-YT	Mining District: Whitehorse Projection: UTM Zone 8N Date: 06 Oct 07
AURORA GEOSCIENCES LTD.	





Calcium
(%)

- > 0.9
- 0.66 - 0.9
- 0.43 - 0.66
- 0.19 - 0.43
- 0.06 - 0.19
- < 0.06

Ca Analysis in % 0.9

Scale 1:4000

50 0 50 100 150 200 250 300
(meters)
NAD83 / UTM zone 8N

37999 YUKON INC.

MOLYGARCHY PROPERTY
Soil Geochemical Surveys 2006-2007
Figure 24 - Calcium Soil Geochemical Response

NTS: 105 E/02
Datum: NAD83
Job: 379-7536-YT

Mining District: Whitehorse
Projection: UTM Zone 8N
Date: 06 Oct 07

AURORA GEOSCIENCES LTD.